



# General Lab Supplies

Laboratory products for your General Lab needs.

# Better solutions for your laboratory.

From large research facilities to small hospital laboratories, today's lab professionals are tasked with meeting a wide variety of needs. That's where Cardinal Health comes in. We've included the **most-requested products** in this General Lab catalog and made them available at the best prices.

From labware to cryogenic storage, this catalog is designed to help you find what you need, when you need it. All at your fingertips. Helping you to streamline your operations and **achieve your laboratory's bottom line.**

The products in this catalog represent only a portion of the comprehensive Cardinal Health laboratory portfolio. But navigating the thousands of **supplies from hundreds of leading manufacturers** is easy with the help of our knowledgeable sales professionals.

Quality. Savings. Results. Call us today to learn how we can help support your lab's needs.

## Catalogs designed for your lab...



To hear more about how we can support your lab, contact your Cardinal Health sales representative or call 800.964.5227.

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# Apparel

## Lab Coats



### Disposable Hip-Length Lab Jackets

**CARDINAL HEALTH** - Our disposable lab jackets feature snap fronts, three pockets and knit collars. They are latex-free and made from soft, three-layer SMS fabric that is fluid-resistant and breathable, but not impervious.

Cat. No.	Description	Qty.
<b>Ceil blue</b>		
<b>C3630CBXS</b>	X-small	10/pk, 10 pk/cs
<b>C3630CBS</b>	Small	10/pk, 10 pk/cs
<b>C3630CBM</b>	Medium	10/pk, 10 pk/cs
<b>C3630CBL</b>	Large	10/pk, 10 pk/cs
<b>C3630CBXL</b>	X-large	10/pk, 10 pk/cs
<b>C3630CB2XL</b>	2X-large	10/pk, 10 pk/cs
<b>C3630CB3XL</b>	3X-large	10/pk, 10 pk/cs
<b>Medical blue</b>		
<b>C3630MBXS</b>	X-small	10/pk, 10 pk/cs
<b>C3630MBS</b>	Small	10/pk, 10 pk/cs
<b>C3630MBM</b>	Medium	10/pk, 10 pk/cs
<b>C3630MBL</b>	Large	10/pk, 10 pk/cs
<b>C3630MBXL</b>	X-large	10/pk, 10 pk/cs
<b>C3630MB2XL</b>	2X-large	10/pk, 10 pk/cs
<b>C3630MB3XL</b>	3X-large	10/pk, 10 pk/cs

Cat. No.	Description	Qty.
<b>Purple</b>		
<b>C3630PPXS</b>	X-small	10/pk, 10 pk/cs
<b>C3630PPS</b>	Small	10/pk, 10 pk/cs
<b>C3630PPM</b>	Medium	10/pk, 10 pk/cs
<b>C3630PPL</b>	Large	10/pk, 10 pk/cs
<b>C3630PPXL</b>	X-large	10/pk, 10 pk/cs
<b>C3630PP2XL</b>	2X-large	10/pk, 10 pk/cs
<b>C3630PP3XL</b>	3X-large	10/pk, 10 pk/cs
<b>Raspberry</b>		
<b>C3630RBXS</b>	X-small	10/pk, 10 pk/cs
<b>C3630RBS</b>	Small	10/pk, 10 pk/cs
<b>C3630RBM</b>	Medium	10/pk, 10 pk/cs
<b>C3630RBL</b>	Large	10/pk, 10 pk/cs
<b>C3630RBXL</b>	X-large	10/pk, 10 pk/cs
<b>C3630RB2XL</b>	2X-large	10/pk, 10 pk/cs
<b>C3630RB3XL</b>	3X-large	10/pk, 10 pk/cs
<b>Sky blue</b>		
<b>C3630SBXS</b>	X-small	10/pk, 10 pk/cs
<b>C3630SBS</b>	Small	10/pk, 10 pk/cs
<b>C3630SBM</b>	Medium	10/pk, 10 pk/cs
<b>C3630SBL</b>	Large	10/pk, 10 pk/cs
<b>C3630SBXL</b>	X-large	10/pk, 10 pk/cs
<b>C3630SB2XL</b>	2X-large	10/pk, 10 pk/cs
<b>C3630SB3XL</b>	3X-large	10/pk, 10 pk/cs
<b>Teal</b>		
<b>C3630TEXS</b>	X-small	10/pk, 10 pk/cs
<b>C3630TES</b>	Small	10/pk, 10 pk/cs
<b>C3630TEM</b>	Medium	10/pk, 10 pk/cs
<b>C3630TEL</b>	Large	10/pk, 10 pk/cs
<b>C3630TEXL</b>	X-large	10/pk, 10 pk/cs
<b>C3630TE2XL</b>	2X-large	10/pk, 10 pk/cs
<b>C3630TE3XL</b>	3X-large	10/pk, 10 pk/cs
<b>White</b>		
<b>C3630WHXS</b>	X-small	10/pk, 10 pk/cs
<b>C3630WHS</b>	Small	10/pk, 10 pk/cs
<b>C3630WHM</b>	Medium	10/pk, 10 pk/cs
<b>C3630WHL</b>	Large	10/pk, 10 pk/cs
<b>C3630WHXL</b>	X-large	10/pk, 10 pk/cs
<b>C3630WH2XL</b>	2X-large	10/pk, 10 pk/cs
<b>C3630WH3XL</b>	3X-large	10/pk, 10 pk/cs



### Disposable Knee-Length Lab Coats

**CARDINAL HEALTH** - Our lab coats feature snap fronts, three pockets and knit collars. They are latex-free and made from soft, three-layer SMS fabric that is fluid-resistant and breathable, but not impervious.

Cat. No.	Description	Qty.
<b>Ceil blue with no latex collar</b>		
C3660CBXS	X-small	10/pk, 10 pk/cs
C3660CBS	Small	10/pk, 10 pk/cs
C3660CBM	Medium	10/pk, 10 pk/cs
C3660CBL	Large	10/pk, 10 pk/cs
C3660CBXL	X-large	10/pk, 10 pk/cs
C3660CB2XL	2X-large	10/pk, 10 pk/cs
C3660CB3XL	3X-large	10/pk, 10 pk/cs
C3660CB4XL	4X-large	10/pk, 10 pk/cs
<b>Medical blue</b>		
C3660MBXS	X-small	10/pk, 5 pk/cs
C3660MBS	Small	10/pk, 5 pk/cs
C3660MBM	Medium	10/pk, 5 pk/cs
C3660MBL	Large	10/pk, 5 pk/cs
C3660MBXL	X-large	10/pk, 5 pk/cs
C3660MB2XL	2X-large	10/pk, 5 pk/cs
C3660MB3XL	3X-large	10/pk, 5 pk/cs
<b>Sky blue</b>		
C3660SBXS	X-small	10/pk, 10 pk/cs
C3660SBS	Small	10/pk, 10 pk/cs
C3660SBM	Medium	10/pk, 10 pk/cs
C3660SBL	Large	10/pk, 10 pk/cs
C3660SBXL	X-large	10/pk, 10 pk/cs
C3660SB2XL	2X-large	10/pk, 10 pk/cs
C3660SB3XL	3X-large	10/pk, 10 pk/cs

Cat. No.	Description	Qty.
<b>Purple</b>		
C3660PPXS	X-small	10/pk, 10 pk/cs
C3660PPS	Small	10/pk, 10 pk/cs
C3660PPM	Medium	10/pk, 10 pk/cs
C3660PPL	Large	10/pk, 10 pk/cs
C3660PPXL	X-large	10/pk, 10 pk/cs
C3660PP2XL	2X-large	10/pk, 10 pk/cs
C3660PP3XL	3X-large	10/pk, 10 pk/cs
<b>Raspberry</b>		
C3660RBXS	X-small	10/pk, 10 pk/cs
C3660RBS	Small	10/pk, 10 pk/cs
C3660RBM	Medium	10/pk, 10 pk/cs
C3660RBL	Large	10/pk, 10 pk/cs
C3660RBXL	X-large	10/pk, 10 pk/cs
C3660RB2XL	2X-large	10/pk, 10 pk/cs
C3660RB3XL	3X-large	10/pk, 10 pk/cs
<b>Teal</b>		
C3660TEXS	X-small	10/pk, 10 pk/cs
C3660TES	Small	10/pk, 10 pk/cs
C3660TEM	Medium	10/pk, 10 pk/cs
C3660TEL	Large	10/pk, 10 pk/cs
C3660TEXL	X-large	10/pk, 10 pk/cs
C3660TE2XL	2X-large	10/pk, 10 pk/cs
C3660TE3XL	3X-large	10/pk, 10 pk/cs
<b>White with knit collar</b>		
C3660WHXSK	X-small	10/pk, 10 pk/cs
C3660WHSK	Small	10/pk, 10 pk/cs
C3660WHMK	Medium	10/pk, 10 pk/cs
C3660WHLK	Large	10/pk, 10 pk/cs
C3660WHXLK	X-large	10/pk, 10 pk/cs
C3660W2XLK	2X-large	10/pk, 10 pk/cs
C3660W3XLK	3X-large	10/pk, 10 pk/cs
C3660W4XLK	4X-large	10/pk, 10 pk/cs
<b>White with traditional collar</b>		
C3660WXST	X-small	10/pk, 5 pk/cs
C3660WHST	Small	10/pk, 5 pk/cs
C3660WHMT	Medium	10/pk, 5 pk/cs
C3660WHLT	Large	10/pk, 5 pk/cs
C3660WHXLT	X-large	10/pk, 5 pk/cs
C3660WH2XL	2X-large	10/pk, 5 pk/cs
C3660WH3XL	3X-large	10/pk, 5 pk/cs

# Apparel

## Lab Coats

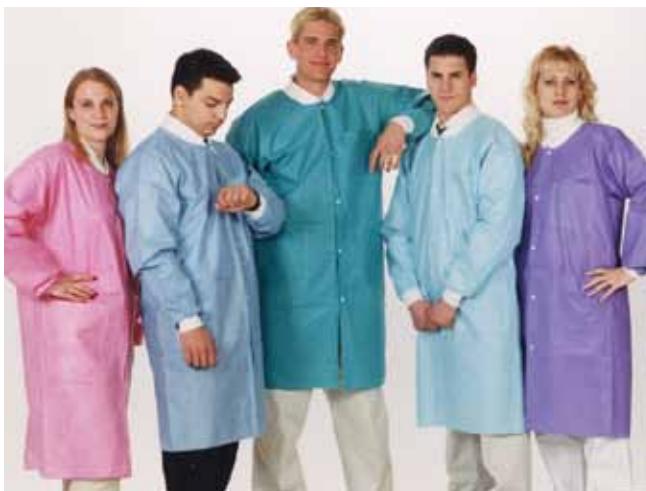


### Valumax® Extra-Safe™ Hip-Length Jackets

**VALUMAX** - These disposable lab jackets feature snap fronts, three pockets, knit cuffs and knit collars. They are made from soft, three-layer SMS fabrics that are fluid-resistant and breathable, but not impervious. Highly anti-static treated, will not generate shocks. Jackets are autoclavable and washable up to five times. Meet OSHA requirements 29 CFR Part 1910.1030 (9D)(3) for bloodborne pathogens.

Cat. No.	Mfr. No.	Description	Qty.
<b>Blueberry</b>			
<b>3630BBXS</b>	3630BBXS	X-small	10/pk, 10 pk/cs
<b>3630BBS</b>	3630BBS	Small	10/pk, 10 pk/cs
<b>3630BBM</b>	3630BBM	Medium	10/pk, 10 pk/cs
<b>3630BBL</b>	3630BBL	Large	10/pk, 10 pk/cs
<b>3630BBXL</b>	3630BBXL	X-large	10/pk, 10 pk/cs
<b>3630BB2XL</b>	3630BB2XL	2X-large	10/pk, 10 pk/cs
<b>3630BB3XL</b>	3630BB3XL	3X-large	10/pk, 10 pk/cs
<b>3630BB4XL</b>	3630BB4XL	4X-large	10/pk, 10 pk/cs
<b>3630BB5XL</b>	3630BB5XL	5X-large	10/pk, 10 pk/cs
<b>Ceil blue</b>			
<b>3630CBXS</b>	3630CBXS	X-small	10/pk, 10 pk/cs
<b>3630CBS</b>	3630CBS	Small	10/pk, 10 pk/cs
<b>3630CBM</b>	3630CBM	Medium	10/pk, 10 pk/cs
<b>3630CBL</b>	3630CBL	Large	10/pk, 10 pk/cs
<b>3630CBXL</b>	3630CBXL	X-large	10/pk, 10 pk/cs
<b>3630CB2XL</b>	3630CB2XL	2X-large	10/pk, 10 pk/cs
<b>3630CB3XL</b>	3630CB3XL	3X-large	10/pk, 10 pk/cs
<b>3630CB4XL</b>	3630CB4XL	4X-large	10/pk, 10 pk/cs
<b>3630CB5XL</b>	3630CB5XL	5X-large	10/pk, 10 pk/cs
<b>Cranberry</b>			
<b>3630CYXS</b>	3630CYXS	X-small	10/pk, 10 pk/cs
<b>3630CYS</b>	3630CYS	Small	10/pk, 10 pk/cs
<b>3630CYM</b>	3630CYM	Medium	10/pk, 10 pk/cs
<b>3630CYL</b>	3630CYL	Large	10/pk, 10 pk/cs
<b>3630CYXL</b>	3630CYXL	X-large	10/pk, 10 pk/cs
<b>3630CY2XL</b>	3630CY2XL	2X-large	10/pk, 10 pk/cs
<b>3630CY3XL</b>	3630CY3XL	3X-large	10/pk, 10 pk/cs
<b>3630CY4XL</b>	3630CY4XL	4X-large	10/pk, 10 pk/cs
<b>Light pink</b>			
<b>3630LPXS</b>	3630LPXS	X-small	10/pk, 10 pk/cs
<b>3630LPS</b>	3630LPS	Small	10/pk, 10 pk/cs
<b>3630LPM</b>	3630LPM	Medium	10/pk, 10 pk/cs
<b>3630LPL</b>	3630LPL	Large	10/pk, 10 pk/cs
<b>3630LPXL</b>	3630LPXL	X-large	10/pk, 10 pk/cs
<b>3630LP2XL</b>	3630LP2XL	2X-large	10/pk, 10 pk/cs
<b>3630LP3XL</b>	3630LP3XL	3X-large	10/pk, 10 pk/cs

Cat. No.	Mfr. No.	Description	Qty.
<b>Medical blue</b>			
<b>3630MBXS</b>	3630MBXS	X-small	10/pk, 10 pk/cs
<b>3630MBS</b>	3630MBS	Small	10/pk, 10 pk/cs
<b>3630MBM</b>	3630MBM	Medium	10/pk, 10 pk/cs
<b>3630MBL</b>	3630MBL	Large	10/pk, 10 pk/cs
<b>3630MBXL</b>	3630MBXL	X-large	10/pk, 10 pk/cs
<b>3630MB2XL</b>	3630MB2XL	2X-large	10/pk, 10 pk/cs
<b>3630MB3XL</b>	3630MB3XL	3X-large	10/pk, 10 pk/cs
<b>3630MB4XL</b>	3630MB4XL	4X-large	10/pk, 10 pk/cs
<b>3630MB5XL</b>	3630MB5XL	5X-large	10/pk, 10 pk/cs
<b>Multi-color</b>			
<b>3630PGOXS</b>	3630PGOXS	X-small	10/pk, 10 pk/cs
<b>3630PGOS</b>	3630PGOS	Small	10/pk, 10 pk/cs
<b>3630PGOM</b>	3630PGOM	Medium	10/pk, 10 pk/cs
<b>3630PGOL</b>	3630PGOL	Large	10/pk, 10 pk/cs
<b>3630PGOXL</b>	3630PGOXL	X-large	10/pk, 10 pk/cs
<b>3630PGO2XL</b>	3630PGO2XL	2X-large	10/pk, 10 pk/cs
<b>Purple</b>			
<b>3630PPXS</b>	3630PPXS	X-small	10/pk, 10 pk/cs
<b>3630PPS</b>	3630PPS	Small	10/pk, 10 pk/cs
<b>3630PPM</b>	3630PPM	Medium	10/pk, 10 pk/cs
<b>3630PPL</b>	3630PPL	Large	10/pk, 10 pk/cs
<b>3630PP2XL</b>	3630PP2XL	2X-large	10/pk, 10 pk/cs
<b>3630PP3XL</b>	3630PP3XL	3X-large	10/pk, 10 pk/cs
<b>3630PP4XL</b>	3630PP4XL	4X-large	10/pk, 10 pk/cs
<b>3630PP5XL</b>	3630PP5XL	5X-large	10/pk, 10 pk/cs
<b>Raspberry</b>			
<b>3630RBXS</b>	3630RBXS	X-small	10/pk, 10 pk/cs
<b>3630RBS</b>	3630RBS	Small	10/pk, 10 pk/cs
<b>3630RBM</b>	3630RBM	Medium	10/pk, 10 pk/cs
<b>3630RBL</b>	3630RBL	Large	10/pk, 10 pk/cs
<b>3630RBXL</b>	3630RBXL	X-large	10/pk, 10 pk/cs
<b>3630RB2XL</b>	3630RB2XL	2X-large	10/pk, 10 pk/cs
<b>3630RB3XL</b>	3630RB3XL	3X-large	10/pk, 10 pk/cs
<b>Sky blue</b>			
<b>3630SBXS</b>	3630SBXS	X-small	10/pk, 10 pk/cs
<b>3630SBS</b>	3630SBS	Small	10/pk, 10 pk/cs
<b>3630SBM</b>	3630SBM	Medium	10/pk, 10 pk/cs
<b>3630SBL</b>	3630SBL	Large	10/pk, 10 pk/cs
<b>3630SBXL</b>	3630SBXL	X-large	10/pk, 10 pk/cs
<b>3630SB2XL</b>	3630SB2XL	2X-large	10/pk, 10 pk/cs
<b>3630SB3XL</b>	3630SB3XL	3X-large	10/pk, 10 pk/cs
<b>3630SB4XL</b>	3630SB4XL	4X-large	10/pk, 10 pk/cs
<b>Teal</b>			
<b>3630TEXS</b>	3630TEXS	X-small	10/pk, 10 pk/cs
<b>3630TES</b>	3630TES	Small	10/pk, 10 pk/cs
<b>3630TEM</b>	3630TEM	Medium	10/pk, 10 pk/cs
<b>3630TEL</b>	3630TEL	Large	10/pk, 10 pk/cs
<b>3630TEXL</b>	3630TEXL	X-large	10/pk, 10 pk/cs
<b>3630TE2XL</b>	3630TE2XL	2X-large	10/pk, 10 pk/cs
<b>3630TE3XL</b>	3630TE3XL	3X-large	10/pk, 10 pk/cs
<b>3630TE4XL</b>	3630TE4XL	4X-large	10/pk, 10 pk/cs
<b>White</b>			
<b>3630WHXS</b>	3630WHXS	X-small	10/pk, 10 pk/cs
<b>3630WHS</b>	3630WHS	Small	10/pk, 10 pk/cs
<b>3630WHM</b>	3630WHM	Medium	10/pk, 10 pk/cs
<b>3630WHL</b>	3630WHL	Large	10/pk, 10 pk/cs
<b>3630WHXL</b>	3630WHXL	X-large	10/pk, 10 pk/cs
<b>3630WH2XL</b>	3630WH2XL	2X-large	10/pk, 10 pk/cs
<b>3630WH3XL</b>	3630WH3XL	3X-large	10/pk, 10 pk/cs
<b>3630WH4XL</b>	3630WH4XL	4X-large	10/pk, 10 pk/cs
<b>3630WH5XL</b>	3630WH5XL	5X-large	10/pk, 10 pk/cs



### ValuMax® Extra-Safe™ Knee-Length Lab Coats

**VALUMAX** - These disposable lab coats are made from soft, three-layer SMS fabrics. They are fluid-resistant and breathable. The lab coats have snap fronts and three pockets and also have knit cuffs and knit collars, except for those that are white. The white lab coats are available with both knit and traditional collars. They are highly anti-static treated and will not generate static shocks. They are autoclavable and washable up to five times. Meet OSHA requirements 29 CFR Part 1910.1030 (9D)(3) for bloodborne pathogens.

Cat. No.	Mfr. No.	Description	Qty.
<b>Blueberry</b>			
<b>3660BBXS</b>	3660BBXS	X-small	10/pk, 10 pk/cs
<b>3660BBS</b>	3660BBS	Small	10/pk, 10 pk/cs
<b>3660BBM</b>	3660BBM	Medium	10/pk, 10 pk/cs
<b>3660BBL</b>	3660BBL	Large	10/pk, 10 pk/cs
<b>3660BBXL</b>	3660BBXL	X-large	10/pk, 10 pk/cs
<b>3660BB2XL</b>	3660BB2XL	2X-large	10/pk, 10 pk/cs
<b>3660BB3XL</b>	3660BB3XL	3X-large	10/pk, 10 pk/cs
<b>3660BB4XL</b>	3660BB4XL	4X-large	10/pk, 10 pk/cs
<b>3660BB5XL</b>	3660BB5XL	5X-large	10/pk, 10 pk/cs
<b>Ceil blue</b>			
<b>3660CBXS</b>	3660CBXS	X-small	10/pk, 10 pk/cs
<b>3660CBS</b>	3660CBS	Small	10/pk, 10 pk/cs
<b>3660CBM</b>	3660CBM	Medium	10/pk, 10 pk/cs
<b>3660CBL</b>	3660CBL	Large	10/pk, 10 pk/cs
<b>3660CBXL</b>	3660CBXL	X-large	10/pk, 10 pk/cs
<b>3660CB2XL</b>	3660CB2XL	2X-large	10/pk, 10 pk/cs
<b>3660CB3XL</b>	3660CB3XL	3X-large	10/pk, 10 pk/cs
<b>3660CB4XL</b>	3660CB4XL	4X-large	10/pk, 10 pk/cs
<b>3660CB5XL</b>	3660CB5XL	5X-large	10/pk, 10 pk/cs
<b>Cranberry</b>			
<b>3660CYXS</b>	3660CYXS	X-small	10/pk, 10 pk/cs
<b>3660CYS</b>	3660CYS	Small	10/pk, 10 pk/cs
<b>3660CYM</b>	3660CYM	Medium	10/pk, 10 pk/cs
<b>3660CYL</b>	3660CYL	Large	10/pk, 10 pk/cs
<b>3660CYXL</b>	3660CYXL	X-large	10/pk, 10 pk/cs
<b>3660CY2XL</b>	3660CY2XL	2X-large	10/pk, 10 pk/cs
<b>3660CY3XL</b>	3660CY3XL	3X-large	10/pk, 10 pk/cs

Cat. No.	Mfr. No.	Description	Qty.
<b>Light pink</b>			
<b>3660LPXS</b>	3660LPXS	X-small	10/pk, 10 pk/cs
<b>3660LPS</b>	3660LPS	Small	10/pk, 10 pk/cs
<b>3660LPM</b>	3660LPM	Medium	10/pk, 10 pk/cs
<b>3660LPL</b>	3660LPL	Large	10/pk, 10 pk/cs
<b>3660LPXL</b>	3660LPXL	X-large	10/pk, 10 pk/cs
<b>3660LP2XL</b>	3660LP2XL	2X-large	10/pk, 10 pk/cs
<b>3660LP3XL</b>	3660LP3XL	3X-large	10/pk, 10 pk/cs
<b>3660LP4XL</b>	3660LP4XL	4X-large	10/pk, 10 pk/cs
<b>3660LP5XL</b>	3660LP5XL	5X-large	10/pk, 10 pk/cs
<b>Medical blue</b>			
<b>3660MBXS</b>	3660MBXS	X-small	10/pk, 5 pk/cs
<b>3660MBS</b>	3660MBS	Small	10/pk, 5 pk/cs
<b>3660MBM</b>	3660MBM	Medium	10/pk, 5 pk/cs
<b>3660MBL</b>	3660MBL	Large	10/pk, 5 pk/cs
<b>3660MBXL</b>	3660MBXL	X-large	10/pk, 5 pk/cs
<b>3660MB2XL</b>	3660MB2XL	2X-large	10/pk, 5 pk/cs
<b>3660MB3XL</b>	3660MB3XL	3X-large	10/pk, 5 pk/cs
<b>3660MB4XL</b>	3660MB4XL	4X-large	10/pk, 5 pk/cs
<b>3660MB5XL</b>	3660MB5XL	5X-large	10/pk, 5 pk/cs
<b>Multi-color</b>			
<b>3660PGOXS</b>	3660PGOXS	X-small	10/pk, 10 pk/cs
<b>3660PGOS</b>	3660PGOS	Small	10/pk, 10 pk/cs
<b>3660PGOM</b>	3660PGOM	Medium	10/pk, 10 pk/cs
<b>3660PGOL</b>	3660PGOL	Large	10/pk, 10 pk/cs
<b>3660PGOXL</b>	3660PGOXL	X-large	10/pk, 10 pk/cs
<b>3660PGO2XL</b>	3660PGO2XL	2X-large	10/pk, 10 pk/cs
<b>3660PGO3XL</b>	3660PGO3XL	3X-large	10/pk, 10 pk/cs
<b>Purple</b>			
<b>3660PPXS</b>	3660PPXS	X-small	10/pk, 10 pk/cs
<b>3660PPS</b>	3660PPS	Small	10/pk, 10 pk/cs
<b>3660PPM</b>	3660PPM	Medium	10/pk, 10 pk/cs
<b>3660PPL</b>	3660PPL	Large	10/pk, 10 pk/cs
<b>3660PPXL</b>	3660PPXL	X-large	10/pk, 10 pk/cs
<b>3660PP2XL</b>	3660PP2XL	2X-large	10/pk, 10 pk/cs
<b>3660PP3XL</b>	3660PP3XL	3X-large	10/pk, 10 pk/cs
<b>3660PP4XL</b>	3660PP4XL	4X-large	10/pk, 10 pk/cs
<b>Raspberry</b>			
<b>3660RBXS</b>	3660RBXS	X-small	10/pk, 10 pk/cs
<b>3660RBS</b>	3660RBS	Small	10/pk, 10 pk/cs
<b>3660RBM</b>	3660RBM	Medium	10/pk, 10 pk/cs
<b>3660RBL</b>	3660RBL	Large	10/pk, 10 pk/cs
<b>3660RBXL</b>	3660RBXL	X-large	10/pk, 10 pk/cs
<b>3660RB2XL</b>	3660RB2XL	2X-large	10/pk, 10 pk/cs
<b>3660RB3XL</b>	3660RB3XL	3X-large	10/pk, 10 pk/cs
<b>3660RB4XL</b>	3660RB4XL	4X-large	10/pk, 10 pk/cs
<b>3660RB5XL</b>	3660RB5XL	5X-large	10/pk, 10 pk/cs
<b>Sky blue</b>			
<b>3660SBXS</b>	3660SBXS	X-small	10/pk, 10 pk/cs
<b>3660SBS</b>	3660SBS	Small	10/pk, 10 pk/cs
<b>3660SBM</b>	3660SBM	Medium	10/pk, 10 pk/cs
<b>3660SBL</b>	3660SBL	Large	10/pk, 10 pk/cs
<b>3660SBXL</b>	3660SBXL	X-large	10/pk, 10 pk/cs

# Apparel

## Lab Coats

### ValuMax® Extra-Safe™ Knee-Length Lab Coats, cont.

Cat. No.	Mfr. No.	Description	Qty.
<b>Sky blue, cont.</b>			
<b>3660SB2XL</b>	3660SB2XL	2X-large	10/pk, 10 pk/cs
<b>3660SB3XL</b>	3660SB3XL	3X-large	10/pk, 10 pk/cs
<b>3660SB4XL</b>	3660SB4XL	4X-large	10/pk, 10 pk/cs
<b>3660SB5XL</b>	3660SB5XL	5X-large	10/pk, 10 pk/cs
<b>Teal</b>			
<b>3660TEXS</b>	3660TEXS	X-small	10/pk, 10 pk/cs
<b>3660TES</b>	3660TES	Small	10/pk, 10 pk/cs
<b>3660TEM</b>	3660TEM	Medium	10/pk, 10 pk/cs
<b>3660TEL</b>	3660TEL	Large	10/pk, 10 pk/cs
<b>3660TEXL</b>	3660TEXL	X-large	10/pk, 10 pk/cs
<b>3660TE2XL</b>	3660TE2XL	2X-large	10/pk, 10 pk/cs
<b>3660TE3XL</b>	3660TE3XL	3X-large	10/pk, 10 pk/cs
<b>3660TE4XL</b>	3660TE4XL	4X-large	10/pk, 10 pk/cs
<b>3660TE5XL</b>	3660TE5XL	5X-large	10/pk, 10 pk/cs
<b>White - knit collar</b>			
<b>3660WHXSK</b>	3660WHXSK	X-small	10/pk, 10 pk/cs
<b>3660WHSK</b>	3660WHSK	Small	10/pk, 10 pk/cs
<b>3660WHMK</b>	3660WHMK	Medium	10/pk, 10 pk/cs
<b>3660WHLK</b>	3660WHLK	Large	10/pk, 10 pk/cs
<b>3660WHXLK</b>	3660WHXLK	X-large	10/pk, 10 pk/cs
<b>3660WH2XLK</b>	3660WH2XLK	2X-large	10/pk, 10 pk/cs
<b>3660WH3XLK</b>	3660WH3XLK	3X-large	10/pk, 10 pk/cs
<b>3660WH4XLK</b>	3660WH4XLK	4X-large	10/pk, 10 pk/cs
<b>3660WH5XLK</b>	3660WH5XLK	5X-large	10/pk, 10 pk/cs
<b>White - traditional collar</b>			
<b>3660WHXST</b>	3660WHXST	X-small	10/pk, 5 pk/cs
<b>3660WHST</b>	3660WHST	Small	10/pk, 5 pk/cs
<b>3660WHMT</b>	3660WHMT	Medium	10/pk, 5 pk/cs
<b>3660WHLT</b>	3660WHLT	Large	10/pk, 5 pk/cs
<b>3660WHXLT</b>	3660WHXLT	X-large	10/pk, 5 pk/cs
<b>3660WH2XLT</b>	3660WH2XLT	2X-large	10/pk, 5 pk/cs
<b>3660WH3XLT</b>	3660WH3XLT	3X-large	10/pk, 5 pk/cs
<b>3660WH4XTA</b>	3660WH4XTA	4X-large	10/pk, 5 pk/cs
<b>3660WH5XTA</b>	3660WH5XTA	5X-large	10/pk, 5 pk/cs



### ValuMax® Isolation Lab Coat

VALUMAX - These lightweight coats have one-layer of non-woven fabrics and are splash-resistant. They have easy breathability, knee length, three pockets, knit cuffs and collar and are latex-free and fire-retardant.

Cat. No.	Mfr. No.	Description	Qty.
<b>3290SBM</b>	3290SBM	Medium - blue	10/pk, 5 pk/cs



### ValuMax® Economy Protection Knee-Length Lab Coats

VALUMAX - These coats provide economical protection for less than laundry service costs. They are made of a medium weight one-layer, nonwoven fabric and feature knee length, snap fronts, knit cuffs and collars and three pockets. They are light pink in color, latex-free, fluid-resistant and come in medium and large sizes.

Cat. No.	Mfr. No.	Description	Qty.
<b>3460LPL</b>	3460LPL	Medium	10/pk, 10 pk/cs
<b>3460LPM</b>	3460LPM	Large	10/pk, 10 pk/cs



### ValuMax® Easy Breathe Knee-Length Lab Coats

VALUMAX - These lab coats, available in a wide variety of sizes and two colors, feature a snap front, three pockets and knit cuffs and collars. They are constructed from a lightweight, three-layer SMS fabric that is splash-resistant and breathable. Highly anti-static treated, will not generate static shocks.

Cat. No.	Mfr. No.	Description	Qty.
<b>Medical blue</b>			
<b>3560MBS</b>	3560MBS	Small	10/pk, 10 pk/cs
<b>3560MBM</b>	3560MBM	Medium	10/pk, 10 pk/cs
<b>3560MBL</b>	3560MBL	Large	10/pk, 10 pk/cs
<b>3560MBXL</b>	3560MBXL	X-large	10/pk, 10 pk/cs
<b>White - knit collar</b>			
<b>3560WHS-K</b>	3560WHS-K	Small	10/pk, 10 pk/cs
<b>3560WHM-K</b>	3560WHM-K	Medium	10/pk, 10 pk/cs
<b>3560WHL-K</b>	3560WHL-K	Large	10/pk, 10 pk/cs
<b>3560WHXL-K</b>	3560WHXL-K	X-large	10/pk, 10 pk/cs

### ValuMax® Liquid-Guard™ Microporous Lab Coats

VALUMAX - Made with Liquid-Guard™ Microporous breathable film material. Impervious yet breathable, excellent protection against non-hazardous chemical splashes, liquids and dry particles. They pass blood and viral penetration test per ASTM F1670 and F1671. Lint-free, highly anti-static treated. Designed to not generate static shocks. Latex-free, knit cuffs and knit collar, knee length, no pocket design. White in color.



Cat. No.	Mfr. No.	Description	Qty.
<b>3960NPBKWL</b>	3960NPBK-WHL	Large	10/pk, 5 pk/cs
<b>3960NPBKXL</b>	3960NPBKXL	X-large	10/pk, 5 pk/cs



### ValuMax® Economy Protection Hip-Length Lab Jackets

VALUMAX - Ideal for students in medical and dental school, these limited-use hip-length lab jackets are lightweight and latex-free. Designed with one layer of nonwoven fabric, these lab jackets are fluid-resistant and breathable. Features include a snap front, three pockets and knit cuffs and collar. Jackets can be autoclaved or machine-washed up to five times if degree of soil is minimal.

Cat. No.	Mfr. No.	Description	Qty.
<b>Blue</b>			
<b>3430LBS</b>	3430LBS	Small	10/pk, 10 pk/cs
<b>3430LBM</b>	3430LBM	Medium	10/pk, 10 pk/cs
<b>3430LBL</b>	3430LBL	Large	10/pk, 10 pk/cs
<b>3430LBXL</b>	3430LBXL	X-large	10/pk, 10 pk/cs
<b>3430LB2XL</b>	3430LB2XL	2X-large	10/pk, 10 pk/cs
<b>3430LB3XL</b>	3430LB3XL	3X-large	10/pk, 10 pk/cs
<b>Purple</b>			
<b>3430PPS</b>	3430PPS	Small	10/pk, 10 pk/cs
<b>3430PPXL</b>	3430PPXL	X-large	10/pk, 10 pk/cs
<b>3430PP2XL</b>	3430PP2XL	2X-large	10/pk, 10 pk/cs
<b>Teal</b>			
<b>3430TES</b>	3430TES	Small	10/pk, 10 pk/cs
<b>3430TEM</b>	3430TEM	Medium	10/pk, 10 pk/cs
<b>3430TEL</b>	3430TEL	Large	10/pk, 10 pk/cs
<b>3430TEXL</b>	3430TEXL	X-large	10/pk, 10 pk/cs
<b>3430TE2XL</b>	3430TE2XL	2X-large	10/pk, 10 pk/cs

# Applicators

## Applicators/Scrapers

### Cotton-Tip Applicators

**CARDINAL HEALTH** - Our 3 in. long sterile applicator features a soft, white cotton tip on a regular wood shaft.

Cat. No.	Description	Qty.
TQ-1301LF	Cotton-tip applicator	50/pk, 50 pk/cs



### Latex-Free Sterile Cotton-Tip Applicators

**CARDINAL HEALTH** - Our sterile cotton-tip applicators are available with a plastic or wood shaft. Applicator C15053-600 is bulk packed.

Cat. No.	Description	Qty.
<b>With plastic shaft</b>		
C15050-003	3 in.	200/bx, 2,000/cs
C15050-016	6 in.	100/bx, 1,000/cs
C15050-006	6 in.	200/bx, 2,000/cs
<b>With wood shaft</b>		
C15053-003	3 in.	200/bx, 2,000/cs
A5000-2	6 in.	100/bx, 1,000/cs
C15053-006	6 in.	200/bx, 2,000/cs
C15053-600	6 in.	200/bx, 2,000/cs



### Latex-Free Nonsterile Cotton-Tip Applicators

**CARDINAL HEALTH** - Our nonsterile applicators have a cotton tip and wood shaft.

Cat. No.	Description	Qty.
C15055-003	3 in.	1,000/bx, 10,000/cs
C15055-006	6 in.	1,000/bx, 10,000/cs
C15055-600	6 in.	1,000/bx, 10,000/cs

### Nonsterile General-Purpose Applicators

**CARDINAL HEALTH** - Our plain applicator stick is constructed of smoothly polished, long-grain birchwood. 6 in. long (15.2cm). Uniformly finished and dust-free. Ideal for use as a stir rod or smear stick.

Cat. No.	Description	Qty.
A5000-1	General-purpose applicator	1,000/bx, 20 bx/cs

### Polyester-Tipped Applicators

**CARDINAL HEALTH** - Our single-use applicator has a polyester tip and 6 in. long plastic stem. Sterile, individually-packaged.

Cat. No.	Description	Qty.
A5005-1	Polyester-tipped applicator	100/bx, 10 bx/cs

### Puritan® Applicator Sticks

**PURITAN MEDICAL PRODUCTS** - Use this stick for applying medicines or for stirring medicines. It is made of hard wood with a smooth, splinter-free surface. Nonsterile. 5¾ in. long x ½ in. dia.

Cat. No.	Mfr. No.	Description	Qty.
807 HOSP	807 HOSPITAL	Applicator stick	1,000/bx, 20 bx/cs

### Ayres Wooden Cytology Scrapers

**CARDINAL HEALTH** - Our nonsterile scraper is primarily for collection of cervical specimens, yet it can also be used for lesions of other areas such as the throat or skin. Smooth, clean, catch-resistant edges.

Cat. No.	Description	Qty.
S7750	Cytology scraper	5,000/cs

# Applicators

## Spatulas/Tongue Depressors



### Cytology Spatulas

**CARDINAL HEALTH** - Our wooden spatula with tapered end lets you reach the endocervical area easily and increases the chances of sampling the squamo-columnar junction. The other end has a broad surface in the classic Ayres shape for sampling the ectocervix. Spatula retains cells and deposits them readily on slide.

Cat. No.	Description	Qty.
S7749	Cytology spatula	1,000/cs



### Tongue Depressors

**CARDINAL HEALTH** - Our uniformly-sized, quality hardwood tongue depressors have smooth, clean edges. They are made from close-grained northern white birch, resulting in a smooth finish. The depressors have no taste or odor and they maintain a high tensile strength. In addition to oral use, sterile tongue depressors are ideal for spreading ointments and salves and stirring and mixing medications. 6 in. length.

Cat. No.	Description	Qty.
C15060-002	Individually-wrapped, sterile, infant	100/bx, 10 bx/cs
C15063-002	Nonsterile, infant	100/bx, 10 bx/cs
C1560-004	Individually-wrapped, sterile, infant	100/bx, 10 bx/cs
C15063-004	Nonsterile, junior	500/bx, 10 bx/cs
C1560-006	Individually-wrapped, sterile, regular	100/bx, 10 bx/cs
C15063-006	Nonsterile, standard	500/bx, 10 bx/cs
C1565-004	Individually-wrapped, nonsterile, junior	500/bx, 10 bx/cs
C1565-006	Individually-wrapped, nonsterile, standard	500/bx, 10 bx/cs

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### Applicators

### Puritan® Flavored Tongue Depressors

**PURITAN MEDICAL PRODUCTS** - These smooth, splinter-free tongue depressors are made from northern white birch. Ideal for pediatric and geriatric use. 5½ x 5/8 in.

Cat. No.	Mfr. No.	Description	Qty.
710CHERRY	710 CHERRY	Cherry	50/pk, 20 pk/cs
710GRAPE	710 GRAPE	Grape	50/pk, 20 pk/cs



### Puritan® Nonsterile Tongue Depressors

**PURITAN MEDICAL PRODUCTS** - Manufactured from close-grained northern white birch, these tongue depressors have a smooth, polished surface and high tensile strength. They are odorless and tasteless. Available nonsterile bulk packed or individually-wrapped.

Cat. No.	Mfr. No.	Description	Qty.
<b>Bulk packed</b>			
705	705	6 x ¾ in.	500/bx, 10 bx/cs
706	706	6 x 1¼ in.	500/bx, 12 bx/cs
<b>Individually-wrapped</b>			
710	710	5½ x 5/8 in.	500/bx, 10 bx/cs

# Autoclaves

## Accessories



### Bio-Check® Laboratory Deodorants

CARDINAL HEALTH - Bio-Check® laboratory deodorants come in four scents to neutralize laboratory odors. The heat of autoclaving releases the deodorant. Place a sachet in the biohazard bag before autoclaving. For more powerful odors or larger autoclaves, use more than one sachet. Sachets can also be cut open and poured into a dish to be placed next to other sources of odor.

Cat. No.	Description	Scent	Qty.
D1305-1	Deodorant	Regular	200/pk
D1305-2	Deodorant	Lemon	200/pk
D1305-3	Deodorant	Pine	200/pk
D1305-4	Deodorant	Floral	200/pk



### Sterilizing Tray and Cover

BEL-ART - Molded polypropylene tray has rounded corners and smooth, tapered sides for nesting. Ideal for sterilizing instruments, bottles containing agar, deionized water, saline and other reagents and for safely cleaning glassware in sinks. Polypropylene cover is  $\frac{1}{8}$  in. thick with a 1 in. skirt and fits snugly over the edge of the tray. Both are steam autoclavable at 121°C (250°F).

Cat. No.	Mfr. No.	Description	Qty.
H162620000	162620000	Sterilizing tray	1/ea
H162610000	162610000	Sterilizing tray cover	1/ea

### Biological Indicators

THERMO FISHER SCIENTIFIC - Verify the sterility of your instruments, vials, media, liquid cycles and other products in less time than it takes to send samples to an outside lab. Obvious color change from purple to yellow indicates an ineffective sterilization process. Two biological indicators to choose from: 1) for media and liquids 2) for instruments, glassware and other applications. These indicators work with any steam sterilizer and offer proven results within 48 hours.

Cat. No.	Mfr. No.	Description	Qty.
<b>Biological indicators for instrument glassware and other product verification</b>			
AY759X1	AY759X1	$10^5$ spore population	5/bx
AY759X3	AY759X3	$10^5$ spore population	100/bx
<b>Biological indicators for media and liquid cycle verification</b>			
AY759X7	AY759X7	$10^6$ spore population	25/bx



### Autoclavable Biohazard Waste Bag

MEDICAL ACTION INDUSTRIES - This bag is meant to withstand the rigors of steam sterilization while meeting the requirements for the collection, storage, transport and processing of biohazardous waste. Autoclavable bags made from high strength polypropylene film have an operating temperature of 274°F and can tolerate temperatures of up to 285°F. The welded seams increase durability to resist punctures, tears and leaks. This bag meets 165g Dart Impact Resistance Test.

Cat. No.	Mfr. No.	Description	Qty.
5138	5138	38 x 46 in. autoclavable 40-42 gal. bag	100/cs

Online ordering services at [cardinalhealth.com](http://cardinalhealth.com) put you in command.

### Once-A-Day® Vertos™ Bowie & Dick Test

PROPPER - Lead- and heavy-metal-free Bowie & Dick type test disposable pack for prevacuum sterilizers.

Versatile - Detects leaks and low temperature pressure conditions, wet steam, superheated steam and non-condensable gases.

Environmentally- and personnel-friendly. Contains no lead or other heavy metals, no toxic concerns, pollutants, latex or health hazards.

Reliable - Test sheet can be kept as a sterilizer performance record indefinitely; ink will not revert.

Traceability - Lot number on packs and each test sheet.

Optimized - Compact design reduces storage space and paper waste while maintaining adequate test sheet surface area.

Sensitivity - Precise and clear color change after exposure.



Cat. No.	Mfr. No.	Description	Qty.
PR266101	266101	Vertos™ disposable pack	30/cs



### DART® Daily Air Removal Test

STERIS - Accurate, self-contained test is designed to detect the same leak levels as the standard AAMI recommended Bowie-Dick test pack. Indicator bars turn black during exposure if all air has been successfully removed during the prevacuum cycle. Compact system is preassembled and ready to use.

Cat. No.	Mfr. No.	Description	Qty.
A9500-81	NB113	Daily air removal test	50/cs

### Verify® All Clean Test Indicator

STERIS - Specific test for washers and disinfectors. These tests assure washers and disinfectors meet essential performance criteria. Verify® All Clean Test Indicators make monitoring washer performance easy. Each indicator contains a proprietary protein, lipid and polysaccharides formulation dried on both sides of a plastic carrier. The patented holder mimics typical surfaces to represent a realistic challenge to the washing process.



Cat. No.	Mfr. No.	Description	Qty.
LCC012	LCC012	All clean test indicator	100/bx

### Verify® V24 Self-Contained Biological Indicator

STERIS - Verify® V24 Self-Contained Biological Indicator is designed for use in V-PRO Low Temperature Sterilization Systems.



Cat. No.	Mfr. No.	Description	Qty.
LCB020	LCB020	Self-contained biological indicator	50/bx



### Verify® Valueline Steam Chemical Indicators

STERIS - The Verify® Valueline Steam Chemical Indicators provide assurance that steam reached inside of every pouch, wrapped tray or container system. Each box contains 250 indicator strips.

Cat. No.	Mfr. No.	Description	Qty.
PCC009	PCC009	Steam chemical indicator	250/bx

**Cardinal Health offers more than 75,000 laboratory products from 400 leading manufacturers.**

# Chromatography

## Columns and Accessories



### Column Chromatography Racks

**CARDINAL HEALTH** - Our handy acrylic racks are specifically designed for procedures involving small, disposable plastic chromatographic columns. The two-piece rack set, comprised of the column rack and test tube rack, holds 20 columns eluting into 12 x 75mm test tubes. The DoubleDecker™ rack suspends another 20 columns over those held in the column rack. This allows sequential separations before collecting the eluates. Each unit can be ordered separately or as part of a set.

*DoubleDecker™ is a trademark of Mitchell Plastics.*

Cat. No.	Description	Dimensions (H x W x D)	Qty.
<b>Column rack sets</b>			
S1389-17	Two-piece rack set	6 x 11 x 3 in.	1/ea
S1389-10	Three-piece rack set	9½ x 11½ x 3 in.	1/ea
<b>Column rack components</b>			
S1389-16	Column rack	6 x 11 x 3 in.	1/ea
S1389-13	Test tube rack	2½ x 10¾ x 3 in.	1/ea
S1389-9	DoubleDecker™ column rack	9¾ x 11½ x 3 in.	1/ea



### Micro-Column Racks

**CARDINAL HEALTH** - Designed specifically to hold up to 20 micro-columns, our rack is large enough to permit convenient handling of columns, yet it is small enough to fit in almost any workspace. The column tips are suspended 3¼ in. from the lab bench for elution into vials or tubes. Addition of the test tube rack enables the micro-columns to elute into 12 x 75mm test tubes. Each piece is available separately.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-12	2-piece micro-column rack set	5 x 11 x 3 in.	1/ea
S1389-11	Micro-column rack	5 x 11 x 3 in.	1/ea
S1389-13	Test tube rack	2½ x 10 x 3 in.	1/ea

### Pace™ Gradient Makers

**CARDINAL HEALTH** - These Pace™ gradient makers simplify the formation of chromatography elution gradients. Each has a chamber with two concentric cylinders to yield reproducible linear gradients. Magnetic stirring continuously blends limiting solutions and increases the separation capabilities of the simplest column system. Made of clear acrylic, the gradient makers are available in five sizes.



*Pace™ is a trademark of Dr. Henry Pace.*

Cat. No.	Description	Dimensions	Qty.
S1389-65	100mL	4¼ in. H x 1¾ in. diameter	1/ea
S1389-66	250mL	6½ in. H x 2¼ in. diameter	1/ea
S1389-67	500mL	7¼ in. H x 3 in. diameter	1/ea
S1389-68	1,000mL	10 in. H x 3¼ in. diameter	1/ea
S1389-69	2,000mL	11 in. H x 4¼ in. diameter	1/ea

Keeping pace  
with today's lab.



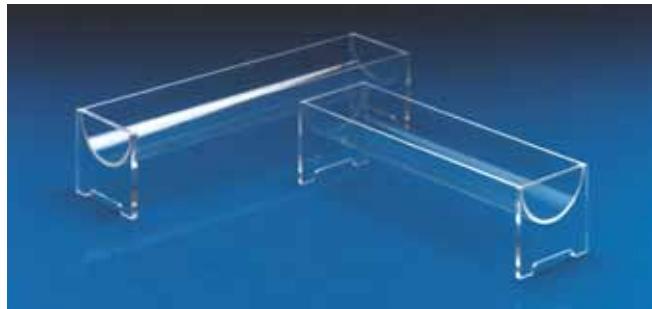


### Stacking Test Tube Storage Racks

**CARDINAL HEALTH** - Our clear acrylic racks allow for convenient storage of test tubes and provide sufficient space between tubes to let you read the individual tube labels. Racks can be used in refrigerator or freezer, are stackable for compact storage and have handles for easy carrying. Three different racks accommodate 13, 16 or 20mm tubes. Racks are 5½ in. high with stacking option that accommodates tubes up to 125mm long. Colored bases are available on special orders.

Cat. No.	Tube Size (mm)	Holds # of Tubes	Qty.
S1389-175	13	50	1/ea
S1389-176	13	100	1/ea
S1389-177	13	240	1/ea
S1389-178	13	300	1/ea
S1389-179	16	50	1/ea
S1389-180	16	100	1/ea
S1389-181	16	240	1/ea
S1389-182	16	300	1/ea
S1389-183	20	50	1/ea
S1389-184	20	100	1/ea
S1389-185	20	240	1/ea
S1389-186	20	300	1/ea

Holds # of Tubes	Tubes Across	Tubes Down	Dim. (in.) Length	Dim. (in.) Width
50	10	5	11	5½
100	10	10	11	10½
240	20	12	21	12½
300	25	12	26	12½



### Waste Collection Troughs

**CARDINAL HEALTH** - Two sizes of troughs are available to collect waste solutions from chromatographic columns for easy disposal. Trough S1389-15 fits under S1389-16 column chromatography rack and trough S1389-63 fits under the S1389-60 Pasteur pipettor rack. The troughs are not recommended for use with organic solvents.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-15	Trough for S1389-16	2¾ x 10¼ x 3 in.	1/ea
S1389-63	Trough for S1389-60	2¾ x 12 x 3 in.	1/ea

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# Clean Room

## Cleaners and Solutions/Dispensers

### CiDehol® ST Sterile 70% IPA Solution

DECON LABS - Use this sterile, 70% isopropyl alcohol (IPA) solution to clean surfaces and equipment commonly found in cleanroom areas or anywhere that requires the use of a sterile pyrogen-free alcohol solution. The ready-to-use solution is filtered to 0.2µm and bottled and double-bagged within a Class 100 cleanroom. The solution is also gamma irradiated to a sterility assurance level (SAL) of  $10^{-6}$ . Prior to release, the solution is tested for sterility with the USP 14-day sterility test and for bacterial endotoxins using LAL testing. Solution is supplied in a 16 oz. bottle with a trigger sprayer. A lot-specific document ships with each case.



### Cat. No. Mfr. No. Description Qty.

<b>C6485-2</b>	8316	CiDehol® ST sterile 70% IPA solution	12/cs
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### Sterile 70% Isopropanol

TEXWIPE - Sterile 70% isopropanol contains 70% by volume USP-grade isopropanol (isopropyl alcohol) with 30% USP-purified water. This solution is filtered through 0.2µm filters, filled into closed containers, double bagged and gamma irradiated to a  $10^{-6}$  sterility assurance level. Each case includes a set of color indicator dots for easy identification or general labeling.



### Cat. No. Mfr. No. Description Qty.

<b>C1301-11</b>	TX3290	Poly bottle, 1 gal.	4/cs
<b>W1200-61</b>	TX8270	Trigger spray bottle, 8 oz.	12/cs
<b>C1301-10</b>	TX3270	Trigger spray bottle, 16 oz.	12/cs

### Bulk Dispensers

CARDINAL HEALTH - Our heavy-duty dispensers keep disposables organized, clean and available for quick and easy access. Use for shoe covers, gloves, booties, bouffants, hair nets, etc. Dispensing opening allows for easy removal of items. Mount with double-sided tape or wall-mount with two screw holes.



### Cat. No. Description Dimensions (H x W x D) Qty.

<b>S1389-147</b>	Small dispenser	15 x 12 x 8½ in.	1/ea
<b>S1389-146</b>	Large dispenser	16 x 15 x 12 in.	1/ea

### Disposable Gown Dispenser

CARDINAL HEALTH - Keep hospital and patient rooms organized with our dispensable gown holder, which can be mounted on the wall, door or cabinet for easy accessibility to gowns. Dispenser is made of heavy-duty clear acrylic and is  $\frac{3}{16}$ -in.-thick. To fill, simply slide gowns down and into the holder. Dispenser holds box of 15 universal-size gowns and can be wall-mounted with double-sided tape or by using its four holes.



### Cat. No. Description Dimensions (H x W x D) Qty.

<b>S1389-165</b>	Gown dispenser	7¾ x 9¾ x 4¾ in.	1/ea
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### Hemoccult® Test Dispenser for Detection of Fecal Occult Blood

CARDINAL HEALTH - Use this clean, white acrylic holder and dispenser to hold SENSA® single slides with on-slide Performance Monitor® feature applicator sticks and bottle holder. Made for wall mounting, you can organize and conveniently dispense the contents of this sensitive test from each patient room doorway. Test dispenser is easy to refill and access.



*Hemoccult® is a registered trademark of Beckman Coulter, Inc.  
Performance Monitor® is a registered trademark of Beckman Coulter, Inc.  
SENSA® is a registered trademark of SmithKline Diagnostics, Inc.*

### Cat. No. Description Dimensions (H x W x D) Qty.

<b>S1389-166</b>	Test dispenser	7 x 3½ x 3¼ in.	1/ea
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### Mat Pack Dispensers

CARDINAL HEALTH - These acrylic dispensers keep mats organized and within easy reach; holds 35 folded mats. Dimensions: 16 H x 10 W x 6 in. D.

### Cat. No. Description Qty.

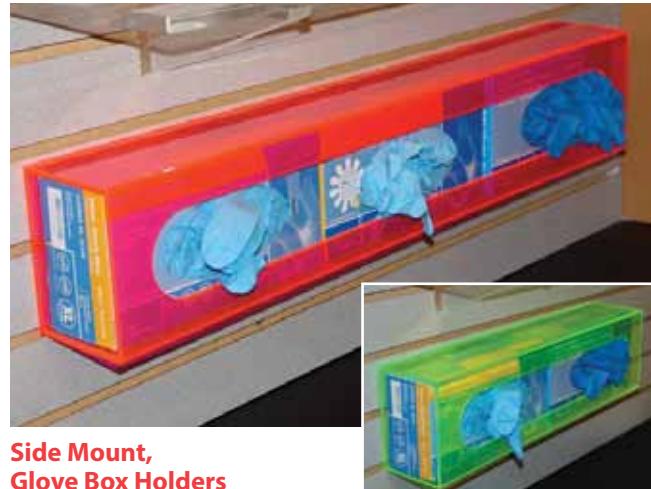
<b>S1389-150C</b>	Clear dispenser	1/ea
<b>S1389-150G</b>	Neon green dispenser	1/ea
<b>S1389-150R</b>	Neon red dispenser	1/ea



### Side Mount Double and Triple Glove Box Holders

**CARDINAL HEALTH** - Side-mount glove box holders with dividers provide easy access to glove boxes and allow users to replace boxes individually. Large cutout holes allow for easy removal of gloves. Holders may be mounted horizontally or vertically. Accommodates most glove box sizes. Holders may be mounted in the most convenient location for easy access. Two holes and double-sided tape are provided for mounting to the wall or cabinets. Made of heavy-duty acrylic.

Cat. No.	Description	Color	Qty.
<b>Double holder, (H x W x D) 11 x 10 x 4 in.</b>			
<b>CHGSM2</b>	Double box holder	Clear	1/ea
<b>CHGSM2G</b>	Double box holder	Neon green	1/ea
<b>CHGSM2R</b>	Double box holder	Neon red	1/ea
<b>Triple holder, (H x W x D) 16½ x 10 x 4 in.</b>			
<b>CHGSM3</b>	Triple box holder	Clear	1/ea
<b>CHGSM3G</b>	Triple box holder	Neon green	1/ea
<b>CHGSM3R</b>	Triple box holder	Neon red	1/ea



### Side Mount, Glove Box Holders

**CARDINAL HEALTH** - Horizontal design for use under cabinets and shelves, these holders may be loaded with gloves from the side. These glove box holders provide extra support when removing lightweight gloves from their cardboard boxes. The holders may be mounted in convenient locations for easy access. Two holes and double-sided tape are provided for mounting to wall or cabinet. Glove box holders may be mounted vertically or horizontally in tight spaces.

Cat. No.	Description	Color	Qty.
<b>Single holder, side load, (H x W x D) 5½ x 10 x 4 in.</b>			
<b>MGSMS1000</b>	Single box holder	Clear	1/ea
<b>MGSMS1001G</b>	Single box holder	Neon green	1/ea
<b>MGSMS1001R</b>	Single box holder	Neon red	1/ea
<b>Double holder, side load, (H x W x D) 5½ x 20 x 4 in.</b>			
<b>MGSMS2000</b>	Double box holder	Clear	1/ea
<b>MGSMS2001G</b>	Double box holder	Neon green	1/ea
<b>MGSMS2001R</b>	Double box holder	Neon red	1/ea
<b>Triple holder, side load, (H x W x D) 5½ x 30 x 4 in.</b>			
<b>MGSMS3000</b>	Triple box holder	Clear	1/ea
<b>MGSMS3001G</b>	Triple box holder	Neon green	1/ea
<b>MGSMS3001R</b>	Triple box holder	Neon red	1/ea

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Search by keyword, product category, material number or manufacturer name.

# Clean Room

## Dispensers - Glove Box Holders



### **Stainless Steel and White, Blue Powder Coated Glove Box Holders**

**CARDINAL HEALTH** - Use in clean rooms and areas that require sterilization and autoclavable items. Our glove box holders may be mounted horizontally or vertically to save space. They are offered in single, double and triple holders. They may be cleaned with bleach or disinfectants. Two to four holes and double-sided tape provided for mounting to wall, cabinet or any surface.

Cat. No.	Description	Color	Load	Dimensions (in.)	Qty.
<b>CHSSGLVBX1</b>	Single glove box holder	Stainless steel	Top/side load	6½ W x 3¾ D x 10½ H	1/ea
<b>CHSSGLVBX2</b>	Double glove box holder	Stainless steel	Top/side load	10½ W x 3¾ D x 10½ H	1/ea
<b>CHSSGLVBX3</b>	Triple glove box holder	Stainless steel	Top/side load	15¾ W x 3¾ D x 10½ H	1/ea
<b>CHSSLONG2</b>	Double glove box holder	Stainless steel	Long load	21 L x 4 W x 6¾ H	1/ea
<b>CHSSLONG3</b>	Triple glove box holder	Stainless steel	Long load	31½ L x 4 W x 6¾ H	1/ea
<b>CHWHTGLV1</b>	Single glove box holder	White powder coat	Top/side load	6½ W x 3¾ D x 10½ H	1/ea
<b>CHWHTGLV2</b>	Double glove box holder	White powder coat	Top/side load	10½ W x 3¾ D x 10½ H	1/ea
<b>CHWHTGLV3</b>	Triple glove box holder	White powder coat	Top/side load	15¾ W x 3¾ D x 10½ H	1/ea
<b>CHWHTLONG2</b>	Double glove box holder	White powder coat	Long load	21 L x 4 W x 6¾ H	1/ea
<b>CHWHTLONG3</b>	Triple glove box holder	White powder coat	Long load	31½ L x 4 W x 6¾ H	1/ea
<b>CHBLGLVBX1</b>	Single glove box holder	Blue powder coat	Top/side load	6½ W x 3¾ D x 10½ H	1/ea
<b>CHBLGLVBX2</b>	Double glove box holder	Blue powder coat	Top/side load	10½ W x 3¾ D x 10½ H	1/ea
<b>CHBLGLVBX3</b>	Triple glove box holder	Blue powder coat	Top/side load	15¾ W x 3¾ D x 10½ H	1/ea
<b>CHBLLONG2</b>	Double glove box holder	Blue powder coat	Long load	21 L x 4 W x 6¾ H	1/ea
<b>CHBLLONG3</b>	Triple glove box holder	Blue powder coat	Long load	31½ L x 4 W x 6¾ H	1/ea

**Custom Powder Coated Glove Box Holders available, non-stock order, min. 25 units for each color. Specific colors must be requested.**  
Available in eight colors: Ivory, Sky Blue, Tan, Dark Green, Light Gray, Brown, American Rose and Signal Red.



Ivory



Sky Blue



Tan



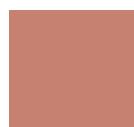
Dark Green



Light Gray



Brown



American Rose



Signal Red

## Dispensers - Glove Box Holders/Paper Towel Holders



### Top Load, Glove Box Holders

**CARDINAL HEALTH** - Our acrylic glove box holders have a foam insert to provide a snug fit and extra support for removal of lightweight gloves from their cardboard boxes. The holders may be mounted in the most convenient location for easy access. There are four models to hold one, two, three or four glove boxes. Two holes and double-sided tape are provided for mounting to the wall or cabinets.

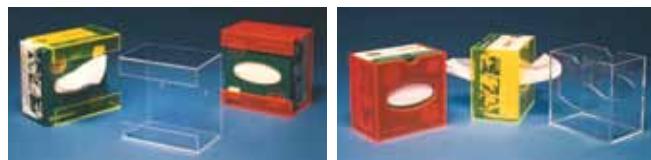
Cat. No.	Description	Color	Qty.
<b>Single holder, (H x W x D) 5 x 11½ x 4 in.</b>			
S1389-24	Single box holder	Clear	1/ea
S1389-25	Single box holder	Neon green	1/ea
S1389-26	Single box holder	Neon red	1/ea
<b>Double holder, (H x W x D) 10 x 11½ x 4¾ in.</b>			
S1389-27	Double box holder	Clear	1/ea
S1389-28	Double box holder	Neon green	1/ea
S1389-29	Double box holder	Neon red	1/ea
<b>Triple holder, (H x W x D) 15¼ x 11½ x 4 in.</b>			
S1389-30	Triple box holder	Clear	1/ea
S1389-31	Triple box holder	Neon green	1/ea
S1389-32	Triple box holder	Neon red	1/ea
<b>Quad holder, (H x W x D) 19 x 11½ x 4 in.</b>			
S1389-33	Quad box holder	Clear	1/ea



### Poxygrid® Triple Glove Dispenser Box Holder

**BEL-ART** - This convenient, wall-mountable wire rack holds three disposable glove or tissue boxes. Each box is held in its own compartment and can be conveniently replaced. The durable epoxy coated steel wire racks are steam sterilizable at 121°C (250°F). Holder dimensions (W x D x H) are 43.2 x 10.8 x 21cm.

Cat. No.	Mfr. No.	Description	Qty.
<b>B7593-08</b>	247390003	Triple glove dispenser box holder	1/ea



### KIMWIPE®, AccuWipe®\* and Paper Towel Holders

**CARDINAL HEALTH** - Every lab has tissues and paper towels on hand for delicate task wipes or to wipe labware and clean spills. Our holders provide additional weight for single-hand removal of tissues. Mount the holder where you use most often for easy access. Different sizes of KIMWIPE® holders are available for the different sizes of AccuWipe®\* and KIMWIPE® wipers. Choose from clear, neon green or neon red. Two-sided KIMWIPE® holders are ideal for smaller work areas where two people share space. Rubber feet are included to help prevent holders from sliding on counters and also come with 2-sided tape for wall-mounting.

*KIMWIPE® is a registered trademark of Kimberly-Clark corporation or its affiliates.*

*AccuWipe® is a registered trademark of Georgia-Pacific Consumer Products LP.*

Cat. No.	Description (H x W x D) in.	Color	Qty.
S1389-118	Small holder, 4¾ x 5 x 3⅓	Clear	1/ea
S1389-119	Small holder, 4¾ x 5 x 3⅓	Neon green	1/ea
S1389-120	Small holder, 4¾ x 5 x 3⅓	Neon red	1/ea
S1389-121	Large holder for KIMWIPE® wipers (34721), AccuWipe®* (29778) Also may use (34743) medium KIMWIPE® 5 x 15 x 3¾	Clear	1/ea
S1389-34	Holder for AccuWipe®* wipers, 5 x 5½ x 4½	Clear	1/ea
S1389-122	2-sided, small holder, 4¾ x 5 x 3⅓	Clear	1/ea
S1389-123	2-sided, small holder, 4¾ x 5 x 3⅓	Neon green	1/ea
S1389-124	2-sided, small holder, 4¾ x 5 x 3⅓	Neon red	1/ea

*\*AccuWipe® has replaced Shur-Wipe. The box size is comparable and will fit these paper towel holders.*

### Paper Towel Holder

**CARDINAL HEALTH** - Our holder provides for easy, single-hand removal of all 3 x 9¾ in. tri-folded towel brands. Mount where you use most often for easy access.



Cat. No.	Description (H x W x D)	Color	Qty.
<b>CHPTH-1000</b>	Paper towel holder, 6 x 10 x 3¾ in.	Clear	1/ea

# Clean Room

## Gloves/Mats/Mopping Systems/Swabs/Wipers

### Waterproof Cryo-Gloves® by Tempshield Cryo-Gloves® by Tempshield

TEMPSHIELD - Cryo-Gloves® by Tempshield are designed to keep you safe and comfortable when working in ultra-cold environments. Made from state-of-the-art fabrics, Tempshield's cryogenic gloves use a flexible, multi-layered insulated construction that provides maximum thermal protection. Also provide comfort, flexibility and dexterity so you can perform tasks effectively and safely. An additional stay-dry lining keeps you warm and comfortable. Made in the USA.

Mid-Arm Waterproof Cryo-Gloves® are designed to provide a high level of thermal protection where the exposure to cryogenic liquids might exist. A thin, seamless waterproof liner provides protection from spills and splashes.

Mid-Arm Cryo-Gloves® offer maximum thermal protection for your hands and forearms when working in hazardous, ultra-cold environments.

Note: Waterproof Cryo-Gloves® and Cryo-Gloves® are not intended for immersion in liquid nitrogen or other cryogenic liquids.



Cat. No.	Mfr. No.	Description	Qty.
<b>Mid-arm - waterproof</b>			
G7201-30	MASWP	Small	10 pr/cs
G7201-31	MAMWP	Medium	10 pr/cs
G7201-32	MALWP	Large	10 pr/cs
G7201-33	MAXLWP	X-large	10 pr/cs
<b>Mid-arm - water-resistant</b>			
G7201-1	MAS	Small	10 pr/cs
G7201-2	MAM	Medium	10 pr/cs
G7201-3	MAL	Large	10 pr/cs
G7201-4	MAXL	X-large	10 pr/cs

### ERGOMAT® Standard Bubble Polyurethane Antifatigue Mats

ERGOMAT - Ergonomically designed ERGOMAT® mats are durable, easy-to-clean and shock-absorbent. They combat cumulative trauma disorders in the feet, legs and back associated with standing work postures. Their elastic bubble profile stimulates muscle activity, even in stationary positions, to significantly increase circulation, helping reduce fatigue and long-term injuries. Static-dissipative ERGOMAT® mats have beveled edges and are suitable for dry, nonabrasive manufacturing areas, including cleanrooms. These mats offer some chemical resistance against spills and weigh 1 lb./sq. ft.



Cat. No.	Mfr. No.	Description	Qty.
ST0203	ST0203	2 x 3 ft.	1/ea
ST0306	ST0306	3 x 6 ft.	1/ea



### VertiKlean® Mop Head

CONTEC - The VertiKlean® disposable foam mop head is used with corresponding hardware for wet cleaning and disinfecting walls and ceilings in sterile and nonsterile environments. The mop head consists of polyester fabric laminated to clean ester foam that provides excellent liquid sorbency as well as good abrasion resistance. Validated sterile per AAMI guidelines, the VertiKlean® wall washing system provides complete range of motion and is ideal for reaching awkward corners and ceiling areas. Mop head dimensions (L x W) are 15½ x 4½ in.

Cat. No.	Mfr. No.	Description	Qty.
COLVKMOPIR	LVK-MOPIR	Mop head, sterile	32 bg/cs



### Alpha® Swab with Long Handle

TEXWIPE - Use this polyester swab for cleaning surfaces and hard-to-reach areas. The double-layered, laundered, knitted Alpha® polyester head is very low in ions, particles and NVRs. A long handle and flexible internal head paddle provide support. It can replace typical long-handled cotton swabs in applications requiring superior cleanliness. It can also be used for surface sampling and cleaning-validation work. Head is thermally sealed onto a polypropylene handle without use of contaminating adhesives. Minimal background contamination ensures consistent and accurate analytical results. Swabs are packaged 100 per bag.

Cat. No.	Mfr. No.	Description	Qty.
S1202-2	TX761	Swab with long handle	10/cs

### Durx® 670

BERKSHIRE CORP - Superior strength and absorbency make Durx® 670 an ideal choice for a general-purpose wiper. Works well with IPA and other solvents. Manufactured without the use of binders or surfactants, ion levels and organic extractables remain low.



Hydroentangled 55% cellulose/45% polyester. They are ideal for cleaning work surfaces and spill pickup and can be used for general-purpose wiping and polishing of surface areas, including optics. Recommended for use in ISO Class 5–8 (Class 100–100,000) cleanroom applications.

Cat. No.	Mfr. No.	Description	Qty.
C6410-22	DR670-0909-20	Wipers, 9 x 9 in.	300/pk, 20 pk/cs
C6410-23	DR670-1212-20	Wipers, 12 x 12 in.	150/pk, 20 pk/cs

**Gamma Wipe® 120**

BERKSHIRE CORP - Gamma Wipe® 120 is a knife cut, high sorbency cleanroom laundered wiper recommended for ISO Class 4 and above environments composed of 100% continuous filament polyester knit fabric. Each package of this 12 x 12 in. wiper is gamma-irradiated sterile to a 10<sup>6</sup> Sterility Assurance Level. This combination of properties provides Gamma Wipe® 120 with the high level of cleanliness, abrasion resistance and chemical compatibility required for cleaning critical sterile processing environments.



Cat. No.	Mfr. No.	Description	Qty.
<b>C6410-52</b>	GW120.ST.15	Polyester knit wiper	20/pk, 15 pk/cs

**Gamma Wipe® 67**

BERKSHIRE CORP - These gamma-irradiated wipes work well with sanitizers and disinfectants, such as bleaches, phenols and quaternary ammonium compounds. Extremely pure and absorbent. They are ideal for general cleaning of prep areas, spill pick-up in bulk manufacturing areas and general wiping in component prep, compounding and wash areas. Recommended for use in ISO Class 5 (Class 100) cleanroom applications. Validated sterile to a Sterility Assurance Level of 10<sup>6</sup> in accordance with ANSI/AAMI/ISO American National Standards and European Standards EN1174 and EN552. Header bag with package integrity testing and lot number embossed on each pack. 55% cellulose/45% polyester hydroentangled.



Cat. No.	Mfr. No.	Description	Qty.
<b>C6410-42A</b>	GW67-ST-25	Gamma-irradiated wipes, 12 x 12 in.	20/pk, 25 pk/cs
<b>C6410-51</b>	GW67-ST-60	Gamma-irradiated wipes, 12 x 12 in.	50/pk, 60 pk/cs

**Labx® 170**

BERKSHIRE CORP - Labx® 170 is an environmentally-friendly wipe that has been designed for ISO Class 6 (Class 1000) and several cleanroom applications. Labx® 170 is 100% biodegradable. It is made from 80% abaca and 20% wood pulp. This 9 x 9 in. wiper is engineered as a lightweight low-lint material.



Cat. No.	Mfr. No.	Description	Qty.
<b>C6410-11</b>	LB170.0909.40	Biodegradable wiper	500/pk, 40 pk/cs

**SatPax® 1000**

BERKSHIRE CORP - SatPax® 1000 combines Durx® 670 nonwoven wipers composed of a hydroentangled nonwoven blend of 55% cellulose and 45% polyester with various saturation levels of isopropyl alcohol and DI water. This pre-wetted format provides a cost-effective and easy-to-use solution versus traditional bulk handling of solvents, maintenance of squirt bottles and inconsistent wetting and cleaning associated with wetting a dry wiper. These 6 x 9 in. wipers come in a perforated roll configuration as a refill for the convenient pop-up canister dispensers.



Cat. No.	Mfr. No.	Description	Qty.
<b>C6410-206</b>	SPXC1000.001.12	Pre-wetted nonwoven cleanroom wipers in canister	100/pk, 12 pk/cs
<b>C6410-207</b>	SPXC1000.01.12R	Pre-wetted nonwoven cleanroom wiper refill	100/pk, 12 pk/cs

**Sterile SatPax® 1200**

BERKSHIRE CORP - Sterile SatPax® 1200 combines Super Polx® 1200 cleanroom laundered wipers composed of 100% continuous filament polyester knit fabric with a high saturation level of 70% IPA and 30% DI water. This pre-wetted format provides a cost effective and easy-to-use solution versus traditional bulk handling of solvents, maintenance of squirt bottles and inconsistent wetting and cleaning associated with wetting a dry wiper. Each package of these 9 x 9 in. wipers is then gamma irradiated sterile to a 10<sup>6</sup> Sterility Assurance Level making the product ideal for cleaning critical sterile processing environments.

Cat. No.	Mfr. No.	Description	Qty.
<b>C6410-194</b>	SSP120000312	Pre-wetted polyester knit wiper	30/pk, 12 pk/cs

# Clean Room

## Wipers

### Sterile SatPax® 670

BERKSHIRE CORP - Sterile SatPax® 670 combines Durx® 670 nonwoven wipers composed of a hydroentangled nonwoven blend of 55% cellulose and 45% polyester with a high saturation level of 70% IPA and 30% DI water. This pre-wetted format provides a cost effective and easy-to-use solution versus traditional bulk handling of solvents, maintenance of squirt bottles and inconsistent wetting and cleaning associated with wetting a dry wiper. Each package of these 9 x 9 in. wipers is then gamma irradiated sterile to a  $10^{-6}$  Sterility Assurance Level making the product ideal for cleaning critical sterile processing environments.



### Chenille Wire Wicking

GRAHAM-FIELD - This wicking is chenille-wrapped with a flexible wire and is ideal for cleaning laboratory glassware, pipettes, funnel stems, stopcocks or small lumen.



Cat. No.	Mfr. No.	Description	Qty.
<b>C6410-188</b>	SSP670.001.24	Pre-wetted nonwoven cleanroom wiper	30/pk, 24 pk/cs

Cat. No.	Mfr. No.	Description	Qty.
<b>90-3561</b>	3561	12 in.	144/pk

### AlphaSat® 10 Sterile Folded Wipes with 70% Isopropyl Alcohol

TEXWIPE - This sterile wet wiper is designed for the limited space in isolators, glove boxes and other sterile or ISO Class 3, 4 and 5 cleanroom environments. It is prewetted with 0.2µm filtered 70% isopropyl alcohol/30% deionized water. It is easier and more efficient than spray bottles and dry wipers. Also reduces isopropyl alcohol spill potential and reduces the storage and disposal of excess solvents. The wiper is cleanroom-laundered 100% polyester knit with thermally-sealed borders and gamma irradiated to a  $10^{-6}$  sterility assurance level. Wiper is triple-bagged to permit alcohol wipedown of exterior bag before introduction of inner bag to sterile suites. Lot-specific information on each case simplifies record keeping. The size is 9 x 9 in. wiper in a resealable 7 x 13 in. package.



Cat. No.	Mfr. No.	Description	Qty.
<b>W1200-60A</b>	TX3285	Sterile folded wiper	20/bg

### AlphaSat® 10 Sterile Prewetted Wiper with WFI

TEXWIPE - This 12 x 12 in. knit polyester wiper with thermally-sealed borders has been designed to control particle and fiber contamination. It is prewetted with 70% USP isopropyl alcohol and 30% water for injection (WFI) in a resealable flat-pack package. It is used to clean critical sterile environments in pharmaceutical aseptic fill areas, biotechnology manufacturing facilities, microbiological laboratories, sterile suites and prep rooms. Gamma irradiated to a  $10^{-6}$  sterility assurance level.



Cat. No.	Mfr. No.	Description	Qty.
<b>W1200-59A</b>	TX3280	Sterile prewetted wiper with WFI	50/bg

### AlphaWipe® Wiper

TEXWIPE - This premium heavyweight 9 x 9 in. wiper is constructed from 100% continuous-filament polyester in a double-knit, no-run interlock pattern. Cleanroom laundered and packaged, it is ultra-clean and highly sorbent for spill control and general wiping in ISO Class 5 and 6 environments such as isolators in compounding pharmacies. It is also suitable for cleaning and polishing the interior of stainless steel tubing.



Cat. No.	Mfr. No.	Description	Qty.
<b>W1200-1</b>	TX1009	Wiper	150/bg

### BlueWipe® Wiper

TEXWIPE - This C-folded 12 x 12 in. wiper is constructed from a nonwoven blend of 55% cellulose and 45% polyester that offers both durability and absorbency. The blue tint indicates exposure to liquid. Its color indication feature alerts the user to dangerous spills. With low particle counts, low extractable levels and solvent compatibility, the wiper is a good choice for general wiping and spill control. Ideal when superior strength and absorbency are required. Wipers are packaged 50 per bag.



Cat. No.	Mfr. No.	Description	Qty.
<b>W1200-57</b>	TX512	Wiper	500/cs

**MiracleWipe® Wipers**

TEXWIPE - This cut-edge double-knit nylon wiper has inherent toughness, sorption, excellent abrasion resistance, high tensile strength elasticity and durability.



Cat. No.	Mfr. No.	Description	Qty.
W1200-28	TX4009	9 x 9 in.	150/bg

**PolySat® Polypropylene Wiper**

TEXWIPE - This dove-folded wiper is prewetted with accurately diluted, measured volumes of 0.2µm filtered IPA/deionized water solution. It delivers premeasured amounts of high-purity alcohol to the surface. The wiper optimizes alcohol usage and reduces spill potential. It is designed for cleaning equipment and other environmental surfaces during and following the production flow. Sealed in a convenient, resealable dispenser, the wiper size is 9 x 11 in.



Cat. No.	Mfr. No.	Description	Qty.
W1200-8	TX1051	Polypropylene wiper	50/pk

**PolySat® Sterile Polypropylene Wiper with 70% IPA**

TEXWIPE - This polypropylene wiper is prewetted with 70% isopropyl alcohol and designed for the economical cleaning of equipment and environmental surfaces. It is gamma irradiated to 10<sup>-6</sup> sterility assurance level according to AAMI guidelines. Size: 9 x 11 in. Wiper is dove-folded to fit 7 x 13 in. resealable package.



Cat. No.	Mfr. No.	Description	Qty.
W1200-19	TX3213	Sterile polypropylene wiper with 70% IPA	50/bg

**Sterile TechniSat™ Wipers**

TEXWIPE - This non-woven polyester/cellulose wiper is prewetted with 70% isopropyl alcohol and sterilized.



Cat. No.	Mfr. No.	Description	Qty.
W1200-22	TX3217	9 x 11 in.	20/bg
W1200-20	TX3214	9 x 11 in.	50/bg

**SterileWipe™ AS 10 Wipers**

TEXWIPE - SterileWipe™ AS 10 offers high-sorbency performance in a two-ply polyester, sealed-border wiper. It is gamma irradiated to a 10<sup>-6</sup> sterility assurance level.



Cat. No.	Mfr. No.	Description	Qty.
W1200-65	TX3215	12 x 12 in.	100/bg

**SterileWipe™ HS II Cellulose/Polyester Wiper**

TEXWIPE - This 12 x 12 in. nonwoven cellulose/polyester-blend wiper offers both durability and absorbency. It provides an efficient balance of low particle counts, low extractables, adsorbency and good solvent compatibility. Use in areas where economy and cleanliness are of critical importance. The wiper can be used for cleaning and polishing equipment and environmental surfaces during and following production flow. Ideal for wipedowns in sterile gowning rooms. Wiper is gamma irradiated to a 10<sup>-6</sup> sterility assurance level.



Cat. No.	Mfr. No.	Description	Qty.
W1200-17	TX3210	Cellulose/polyester wiper	100/bg

**SterileWipe™ LP 10 Knitted Polyester Wiper**

TEXWIPE - This 12 x 12 in. polyester wiper with thermally-sealed borders has been designed to control contamination in ISO Class 3, 4 and 5 environments. It is used to clean critical sterile environments such as pharmaceutical aseptic fill areas, biotechnology manufacturing facilities, microbiological laboratories, sterile suites and prep rooms. It can also be used for cleaning and polishing equipment and environmental surfaces during and following the production flow and is ideal for applying cleaning, sterilizing and disinfecting solutions.



Cat. No.	Mfr. No.	Description	Qty.
W1200-58	TX3212	Knitted polyester wiper	20/bg, 5 bg/cs

# Clean Room

## Wipers

### SterileWipe™ LP Knitted Polyester Wiper

TEXWIPE - This cut-edge polyester all-purpose wiper combines low particle and extractable levels with superior strength. Applications include cleaning equipment and environmental surfaces and spill control.



Cat. No.	Mfr. No.	Description	Qty.
W1200-18	TX3211	9 x 9 in.	100/bg

### TechniCloth® II Wipers

TEXWIPE - TechniCloth® II features Texwipe's proprietary ultra-low particulate treatment, so it releases significantly fewer particles and fibers than the standard TechniCloth® wipers. Its blend of 55% cellulose and 45% polyester provides the optimum balance of sorption, durability and cleanliness.



Cat. No.	Mfr. No.	Description	Qty.
WTX1112	TX1112	12 x 12 in.	10 bg/cs

### TechniCloth® Wipers

TEXWIPE - These low-lint wipers are a hydroentangled, nonwoven blend of 55% cellulose and 45% polyester. This fabric blend combines the highly absorbent properties of a natural fiber with the cleanliness and strength of a synthetic wiper. With their low particle counts, low extractable levels and solvent compatibility, they are ideal for general wiping and spill control in ISO Class 6 to 8 controlled environments. TechniSat® wipers are TechniCloth® wipers with 70% isopropanol.



Cat. No.	Mfr. No.	Description	Qty.
<b>Standard dry wipers</b>			
W1200-23	TX609	9 x 9 in.	300/bg
W1200-24	TX612	12 x 12 in.	150/bg
<b>TechniSat® wipers with 70% IPA</b>			
W1200-6	TX1045	6 x 8 in.	100/pk
W1200-9	TX1065	9 x 11 in.	50/pk
W1200-5	TX1041	9 x 11 in.	70/pk

### ThermaSeal™ 60 Polyester Wipers

TEXWIPE - These wipers feature laser cut, sealed polyester laundered in an ISO Class 4 facility. Ideal for all-purpose applications in critical cleanrooms and higher environments.



Cat. No.	Mfr. No.	Description	Qty.
WT1200-73	TX2064	4 x 4 in.	20 bg/cs

### VersaWipe® Wipers

TEXWIPE - These lightweight, low-lint wipers are a hydroentangled, nonwoven blend of 55% cellulose and 45% polyester. This fabric blend combines the highly absorbent properties of a natural fiber with the cleanliness and strength of a synthetic wiper. Light, clean and economical with a good solvent compatibility, they are ideal for general wiping and spill control in ISO Class 6 to 8 controlled environments. They are also suitable for cleaning precision components and lab equipment.



Cat. No.	Mfr. No.	Description	Qty.
P1201-22	TX624	4 x 4 in.	1,200/bg
W1200-26	TX629	9 x 9 in.	300/bg
W1200-25	TX622	12 x 12 in.	150/bg

## If you don't see what you are looking for ... contact us.

If you don't see the product you are looking for, just pick up the phone and ask your sales or customer service representative to assist you. Visit our website at [cardinalhealth.com](http://cardinalhealth.com) for more information.

Customer Service: 800.964.5227

# Cleaning Supplies and Solutions

## Chemical Solutions

### Copper Sulfate Solution

EMD MILLIPORE - Use this copper sulfate solution when screening for hemoglobin in blood. Suitable for men and women. HGB>12.5/gdL sinks, <12.5/gdL floats.

Cat. No.	Mfr. No.	Description	Qty.
C4401-2	2411A-75	1L copper sulfate solution	1/ea

### EMPROVE® Sodium Hydroxide

EMD MILLIPORE - BP, FCC, JP, NF, Ph Eur Grade.

#### Specifications:

Assay acidimetric, NaOH ..... 98% min  
Assay total alkalinity, NaOH..... 98-100.5%

Cat. No.	Mfr. No.	Description	Qty.
1064829027	1.06482.9027	25kg poly drum	1/ea

### GR ACS Acetic Acid, Glacial

EMD MILLIPORE - Meets ACS Specifications and Reagent Specifications for testing USP/NF monographs.

#### Specifications:

Assay (GC) ..... 99.7% min  
Acetic anhydride..... 0.01% max

Cat. No.	Mfr. No.	Description	Qty.
AX00736	AX0073-6	Glass bottle - 500mL	1/ea

### GR ACS Calcium Chloride, Dihydrate

EMD MILLIPORE - Meets ACS Specifications and Reagent Specifications for testing USP/NF monographs.

Cat. No.	Mfr. No.	Description	Qty.
CX013020	CX0130-20	50kg fiber drum w/bag	1/ea

### GR ACS Methanol, Anhydrous

EMD MILLIPORE - Meets ACS Specifications and Reagent Specifications for testing USP/NF monographs.

#### Specifications:

Assay (GC) ..... 99.8% min  
Carbonyl comps ..... 0.001% max

Cat. No.	Mfr. No.	Description	Qty.
MX04875	MX0487-5	4L glass bottle	1/ea

### HARLECO® Buffer, Phosphate pH 6.8

EMD MILLIPORE - Use this buffer in Wright and Wright-Giemsa staining protocols.

Cat. No.	Mfr. No.	Description	Qty.
121885	1218-85	4L poly bottle	1/ea

### Methanol

EMD MILLIPORE - HPLC, meets ACS Specifications and Reagent Specifications for testing USP/NF monographs.

#### Specifications:

Assay (GC) ..... 99.8% min  
Carbonyl comps ..... 0.001% max

Cat. No.	Mfr. No.	Description	Qty.
MX0475P1	MX0475P-1	4L poly coated glass bottle	1/ea

### OmniPur® G418 Sulfate Antibiotic

EMD MILLIPORE - Aminoglycoside related to gentamycin that inhibits prokaryotic and eukaryotic protein synthesis. Toxic to bacteria, yeast, protozoans, helminthes, higher plant and mammalian cells. Working concentration 10-500 µg/mL.

Cat. No.	Mfr. No.	Description	Qty.
4700	4700-OP	1g	1/ea

### OmniSolv® Ethyl Alcohol

EMD MILLIPORE - Non-UV, denatured.

#### Specifications:

Capillary ECD responsive substances (as PCNB) ..... 5mg/L max

Cat. No.	Mfr. No.	Description	Qty.
EX02786	EX0278-6	1L glass bottle	1/ea

## Need a product immediately?

Call your sales or customer service representative right away. Your representative will check availability and pricing, place your order and follow through on a speedy delivery. Or visit us at [cardinalhealth.com](http://cardinalhealth.com).

# Cleaning Supplies and Solutions

## Cleaning Accessories/Cleaners

### Dust'It™ Blower

CARDINAL HEALTH - Our powerful bulb duster forcibly blows away dust, lint and dirt. It provides high-pressure pinpoint jets of air exactly where desired. The one-way inlet valve at the top stops air and dust from being drawn through the tip. Its nonconductive plastic sleeve-tip prevents scratches and permits cleaning optical lenses, slides, circuit boards and cuvettes. The blower is ideal for delicate, difficult-to-clean and inaccessible equipment. Size: 2½ dia. x 5 in. Weight: 2 oz.

Dust'It™ is a trademark of Control 3, Inc.



### Scienceware® Blow-Hard® O.S. Extra™ Dust Remover

BEL-ART - Use for quick dusting of balances, microscopes and other optical equipment, computers, centrifuge heads and a variety of other laboratory equipment. It provides strong blasts of triple-filtered air to remove dust and dirt particles. Each can includes an extension tube to help you get to hard-to-reach areas. Ozone-safe; non-flammable. Warning instructions for safe use are printed on the 10 oz. can.



Cat. No.	Mfr. No.	Description	Qty.
C6355-11	170800200	Dust remover	1/ea



### Thermo Scientific Nalgene White Polypropylene Buckets

THERMO FISHER SCIENTIFIC - These graduated, autoclavable buckets can be used in the food industry or for handling photographic chemicals. They come with a nylon-coated wire bail.

Cat. No.	Mfr. No.	Description	Qty.
B8842	7012-0110	11 qt. capacity	6/cs
B8845-14	7102-0140	14 qt. capacity	6/cs

### Scienceware® Cleanware™ Aqua-Clear™ Water Conditioner

BEL-ART - Stabilize the water in your water baths or other water systems with Aqua-Clear™ conditioner. Just 2mL per liter of water provides long-lasting protection against the growth of algae, bacteria, mold and biofilms. It also protects pumps and thermostats and helps prevent clogs in tubing. The conditioner adds a blue tint to the water, which will fade after about 3 months. At that time, the water should be changed and new conditioner added. Conditioner comes in 100mL polyethylene bottle with cap.



Cat. No.	Mfr. No.	Description	Qty.
C6353-1	170930000	Water conditioner	1/ea

### ELIMINase® Cleaner

DECON LABS - ELIMINase® helps eliminate RNase contamination instantly and safely. Safe on glass, plastics, stainless steel, pipettors, gel boxes and bench tops. ELIMINase® wipes out DNase and unwanted DNA, then rinses completely to leave no residue that could degrade RNA and DNA samples, or interfere with any subsequent enzymatic reaction. The cleaner can also serve as a radioactive decontaminant. Cleaner is supplied in a ready-to-use 8 oz. squeeze bottle.



Cat. No.	Mfr. No.	Description	Qty.
N2031-18	1101	Cleaner	12/cs

## Expertise

Cardinal Health is an experienced, dependable partner that knows the lab business and solves problems.

- 60 years of experience serving laboratories.
- Dependable service, with tenured representatives who are committed to understanding and attending to customers' needs.
- Sales representatives who help educate lab managers about their options with comparative information about different manufacturers and products.
- Specialty customer service team that manages high-volume, high-value and perishable materials.
- Extensive supply chain and logistics expertise.

# Cleaning Supplies and Solutions

## Cleaners/Disinfectants/Sterilants

### Multi-Terge™ Concentrated Detergent

EMD MILLIPORE - Use this alkaline concentrate liquid cleaning agent for cleaning glassware, metal, plastic, porcelain, rubber and residues. It is a biodegradable, nonionic detergent and radioactive decontaminant that is phosphate-free.

Cat. No.	Mfr. No.	Description	Qty.
<b>C6328</b>	65058-85	4L Multi-Terge™ detergent	1/ea

### MetriZyme® Dual Enzymatic Detergent

METREX - MetriZyme®, a low-foaming, dual proteolytic enzyme detergent, is designed for use in pre-cleaning of blood and protein from delicate instruments and equipment. MetriZyme® detergent is safe for use on medical and surgical equipment and has a pleasant mint fragrance.



Cat. No.	Mfr. No.	Description	Qty.
<b>C6290-30</b>	10-4010	½ gal.	4/cs

### Clear Bath® Cleaner

SPECTRUM LABORATORIES - Your water bath stays clean with Clear Bath® cleaner. Maintains water bath without changing water. Use only 12 drops per gallon initially to keep your water baths, incubators, humidifiers, automatic analyzer baths or any other temperature-controlled instruments clean. This 8 oz. bottle will treat 400 to 500 gallons of water (1,500 to 1,900 liters). Not recommended for use in conjunction with soap or any anionic wetting agent.



Cat. No.	Mfr. No.	Description	Qty.
<b>C6351-1</b>	105540	Clear Bath® cleaner	1/ea



### Bleach-Rite® Disinfecting Spray

CURRENT TECHNOLOGIES - Bleach-Rite® Disinfecting Spray is an EPA approved Sporicidal, Tuberculocidal, Virucidal and Bacteriocidal cleaner/disinfectant for hard, non-porous surfaces. Bleach-Rite® kills Clostridium difficile Spores (C. diff spores) in 5 minutes. Bleach-Rite® also has proven efficacy against the following pathogens:

- 30-second kill time for VRE and Streptococcus;
- 1-minute kill time for MRSA, H1N1 (swine flu), Norovirus, RSV (Respiratory Syncytial Virus), ESBL (Escherichia coli), Acinetobacter baumannii, Rhinovirus, CRKP (Carbapenem Resistant Klebsiella pneumoniae), Aspergillus, Enterobacter, HAV (Hepatitis A), HIV, rotavirus, coronavirus, herpes simplex, poliovirus, Pseudomonas, Staphylococcus, Salmonella and Trichophyton mentagrophytes (Athlete's Foot Fungus);
- 2-minute kill time for TB (Mycobacterium bovis BCG);
- 5-minute kill time for C. diff spores.

Bleach-Rite® is formulated at the 0.525% (1:10) dilution of sodium hypochlorite (bleach) recommended by the CDC, OSHA and NCCLS. Bleach-Rite® Disinfecting Spray eliminates the daily mixing of bleach while providing safety and convenience. Bleach-Rite® is for use on hard, nonporous surfaces such as counters, benchtops and equipment including plastics, glass, ceramic tile, linoleum, enamel and certain grades of stainless steel. Not for use on aluminum.

Bleach-Rite® has only a slight bleach odor. Spray is available in 16 and 32 oz. bottles and includes a spill-resistant cap and trigger sprayer. Also available in gallon bottle. Each bottle has an 18-month shelf life and the expiration date is printed on every bottle. Plastic bottles are acceptable to recycling centers.

Cat. No.	Mfr. No.	Description	Qty.
<b>A9495-21</b>	BRSPRAY16	16 oz. spray bottle	12/cs
<b>A9495-22</b>	BRSPRAY32	32 oz. spray bottle	6/cs
<b>BRSPRAY128</b>	BRSPRAY128	1 gal. bottle	4/cs

# Cleaning Supplies and Solutions

## Disinfectants/Sterilants/Soaps, Handcare and Lotions

### CaviCide® Surface Disinfectant/ Decontaminant Cleaners

METREX - This broad-spectrum intermediate-level cleaner is effective against TB; hydrophilic and lipophilic viruses, including HBV; bacteria, including MRSA and VRE; and fungi. Cleaner is ready to use on nonporous surfaces in patient care areas, laboratories, operating rooms and isolation rooms. When used as directed, CaviCide® will also effectively clean and decontaminate critical and semi-critical instrumentation. EPA Registration #46781-6.



Cat. No.	Mfr. No.	Description	Qty.
MX1024	13-1024	24 oz. spray bottle	12/cs
MX1000	13-1000	1 gal. bottle	4/cs

### MetriCide Plus 30® Sterilant/Disinfectant Solutions

METREX - MetriCide Plus 30® is a 3.4% buffered glutaraldehyde solution ideal for most types of critical equipment. The 3.4% formula of MetriCide Plus 30® solution is designed to be effective against vegetative microorganisms providing an extra measure of protection where hyperdilution and added bioburden are of concern. No dilution is required.



Cat. No.	Mfr. No.	Description	Qty.
C6290-22	10-3200	1 gal.	4/cs

### MetriCide®28 High Level Disinfectant/ Sterilant (2.5% Glutaraldehyde)

METREX - Recommended for immersible medical and heat sensitive equipment and instruments. No dilution required.

- Contains surfactants
- Contains a rust-inhibitor to reduce corrosion
- 28-day product



Cat. No.	Mfr. No.	Description	Qty.
C6290-20	10-2800	1 gal.	4/cs

### SoftCIDE® Extra-Mild Antimicrobial Handwash

CARDINAL HEALTH - SoftCIDE® soap is specially designed for healthcare workers to be gentle on the skin even during frequent washing. Each ingredient was carefully selected to ensure compatibility with skin and the formulation helps replenish the skin's natural oils. It contains 1% parachlorometaxylenol (PCMX), a fast-acting antimicrobial agent that is effective against both gram-positive and gram-negative bacteria as well as yeast.



SoftCIDE® is a registered trademark of Thermo Fisher Scientific.

Cat. No.	Description	Qty.
C6341-12	4 oz. squeeze bottle	12/cs
C6341-9	27 oz. bag-in-a-box	12/cs
C6341-10	32 oz. pump bottle	6/cs
C6341-11	128 oz./1 gal. jug	4/cs

### SoftGUARD® Extra-Strength Barrier Hand Cream

CARDINAL HEALTH - We offer SoftGUARD® cream, which helps prevent and relieve chapping and irritation typically caused by latex gloves and frequent hand washing. SoftGUARD® cream creates a barrier over your skin that helps protect you from these sources of irritation. Hand cream also absorbs immediately and is completely nongreasy, so it won't interfere with grip or dexterity. Unscented SoftGUARD® hand cream remains on your hands longer for extended protection and will stay on through several hand rinsings. Cream is petroleum-free and thoroughly tested to be latex- and CHG-compatible.



SoftGUARD® is a registered trademark of Thermo Fisher Scientific.

Cat. No.	Description	Qty.
C6341-1	Hand cream - 3 oz. tube	12/cs
C6341-5	Hand cream - 16 oz. pump bottle	6/cs
C6341-3	Hand cream - 128 oz. gallon refill jug	4/cs

### Bag-in-a-Box Wall Dispenser

CARDINAL HEALTH - This wall-mounted unit holds one 27 oz. (800mL) bag for the convenient dispensing of sanitizing hand soap, sanitizer or cream. Works with SoftCIDE® hand soap (C6341-9), SoftCIDE-ES® hand soap (C6341-26), SoftGUARD® hand cream (C6341-19), SoftCIDE-NA® hand soap (C6341-14) and AlcoSCRUB® hand sanitizer (C6355-6).



SoftCIDE®, SoftCIDE-ES®, SoftGUARD®, SoftCIDE-NA® and AlcoSCRUB® are registered trademarks of Thermo Fisher Scientific.

Cat. No.	Description	Qty.
C6341-17	27 oz. (800mL) bag-in-a-box wall dispenser	12/cs

# Cleaning Supplies and Solutions

## Stain Remover/Testing Strips/Towels and Wipes

### Erado-Sol® Stain Remover

CAMBRIDGE DIAGNOSTIC PRODUCTS -

Erado-Sol® is a fast and effective biological and chemical stain remover designed to remove iodine-based stains, Lugol's stain and most medical and histological stains from hands, glassware and lab coats. Erado-Sol® is phosphate-free, biodegradable and pH-neutral (pH level 7-8). It is easy to apply—simply rub gently and the stain is removed in a matter of seconds. Rinse with water.



#### Erado-Sol® removes:

- Most medical and histological stains
- Wright stain
- Fresh blood
- Iodine
- Lugol's stain

#### Erado-Sol® is for use on:

- Hands
- Plastic
- Glassware
- Laboratory equipment and surfaces
- Floors
- Lab coats

Cat. No.	Mfr. No.	Description	Qty.
C6347	207-32	1 qt.	12/cs
C6347-10	207-G	1 gal.	4/cs

### Bleach-Rite® Test Strips

CURRENT TECHNOLOGIES - Use these test strips to determine if the bleach solution you mixed in house, or a bleach solution that you purchased, meets the 0.525% (1:10 dilution) threshold for disinfection recommended by CDC and OSHA. Bleach-Rite® Test Strips indicate by color change within 60 seconds if the bleach solution is strong enough to disinfect. These test strips help prevent the spread of Hospital Acquired Infections (HAIs) by determining if the bleach solution is still strong enough to disinfect, as bleach loses efficacy

if exposed to heat, light or contaminants. If you mix your own bleach solution, you may not need to throw out solution that is still efficacious and Bleach-Rite® Test Strips will save you time re-mixing. Each bottle contains 50 test strips and the expiration date is printed on every bottle.



Cat. No.	Mfr. No.	Description	Qty.
TS9804	TS9804	Bleach-Rite® test strip	200/cs

### Clean-Wipes™ Cloth Wipes

CARDINAL HEALTH - Scratch-resistant

cellulose and polyester make our cloth wipes ideal for cleaning electronics, computer screens, instruments, probes, glassware syringes, pipettes and cameras. They are designed for all applications in environmentally-sensitive areas. The wipes are constructed of cellulose and polyester, so they will not scratch surfaces. Lint-free and nonwoven. Also, they will not fall apart like paper towels. They are available premoistened with either 100% pure, reagent-grade deionized water or 70% reagent-grade isopropyl alcohol and 30% reagent-grade deionized water or dry with no solution to permit using any liquid by simply adding 8 fl. oz. to the wipe canister. Wipes are individually dispensed for instant use. The reclosable container assures a clean wipe every time. 100 wipes per polyethylene canister.



*Clean-Wipes™ is a trademark of Control Company.*

Cat. No.	Description	Qty.
C6372-12	Deionized water premoistened wipes	100/cs
C6372-13	Dry wipes	100/cs
C6372-14	Isopropyl alcohol/deionized water premoistened wipes	100/cs

### Cotton Cheesecloth Wipes

CARDINAL HEALTH - Our cheesecloth

wipes are 100% pure cotton and scratch-resistant. They won't abrade surfaces or fall apart like paper towels. Absorb six times their weight in solvents and aqueous solutions. Applications include wiping pipettes, pH electrodes and conductivity sensors. They can clean any optical-grade surface and because they are inert to even harsh solvents, they are ideal as a filtering material. Wipe C6372-10 is an 8-ply, 9 in. square pad that unfolds to an 18 x 36 in. size. It is individually dispensed and supplied in a box of 60. Wipe C6511-50A is a 100 yd. bolt that is 36 in. wide and comes bulk packed.



Cat. No.	Description	Qty.
C6372-10	Dispenser pack of 60 individual wipes	60/pk
C6511-50A	Bulk-packed bolt of wipes	1/ea

To order, call: 800.964.5227

[cardinalhealth.com](http://cardinalhealth.com)

 CardinalHealth

# Cleaning Supplies and Solutions

## Towels and Wipes

### Optic-Wipes™ Cloth Wipes

**CARDINAL HEALTH** - Our wipe is designed for cleaning goggles, lenses, eyeglasses, gauge windows, plastic glasses, fume hood windows, optical parts, microscopes and magnifiers. It cleans smudges, dirt, dust and the static that attracts them. It works equally well with glass and all plastics and will easily remove oil, grease and lint. Constructed of cellulose and polyester, it is designed not to scratch surfaces or fall apart. A reclosable container assures a clean wipe every time and eliminates contamination from dust or dirt. A microfiber cloth to polish lenses is also included.

*Optic-Wipes™ is a trademark of Control Company.*



### Lab Wipes

**AZER SCIENTIFIC** - Made of low lint, heavy-duty, air-layered material, these 12½ x 13 in. wipes can be used as an absorbent work surface for cover slipping or for general lab clean-up. They are packaged in bags of 50.



Cat. No.	Mfr. No.	Description	Qty.
<b>C6372-11</b>	<b>ES3900</b>	Lab wipes	50/pk, 18 pk/cs

### Bio-Check® Biohazard Wipes and Benchtop Liners

**CARDINAL HEALTH** - These wipes are specially designed to help protect against transmission of blood and body fluid-borne diseases. White side of wipe is low-linting and soaks up blood, body fluids and chemicals. Bright orange barrier side is made of co-extruded plastic that prevents soak-through to gloves and hands, limiting the spread of contamination; orange backing is also impermeable to strong solvents, including xylene and xylene substitutes, acetone, ketones, alcohols and formalin. Use wipes to pop caps off blood tubes, wipe pipettes and probes and handle blood tubes. Bio-Check® liners are used to line benches, prep stands, fume hoods, specimen collection areas, counters and trays. Liners and wipes also are useful to wrap around specimens in pneumatic tube systems to minimize splash and mess when specimens break or explode. Liners are available in various sizes, including 100 ft. long rolls, which can be cut to size and as pre-cut bench liners. Absorbent wipes and liners are available in three absorbencies: standard, heavy (ET) and super. Standard absorbent wipe absorbs 9 times its weight. Heavy (ET) absorbent wipe absorbs 12 times its weight. Super absorbent wipe absorbs 25 times its weight. Dispensers are sold separately.



Cat. No.	Description	Qty.
<b>Standard absorbent wipes</b>		
<b>A9494-1</b>	3 x 3 in.	2,000/cs
<b>A9494-2</b>	4 x 4 in.	2,000/cs
<b>A9494-3</b>	16 in. x 100 ft.	2 rl/cs
<b>Standard absorbent wipes, 130 per dispenser</b>		
<b>A9494-5</b>	4 x 4 in.	4 dispensers/cs
<b>Heavy ET absorbent wipes</b>		
<b>A9495-20</b>	3 x 3 in.	2,000/cs
<b>A9495-10</b>	4 x 4 in.	2,000/cs
<b>A9494-10</b>	16 x 16 in.	125/cs
<b>A9494-9</b>	11 x 16 in.	200/cs
<b>Super absorbent wipes</b>		
<b>A9495-1</b>	3 x 3 in.	1,800/cs
<b>A9495-2</b>	4 x 4 in.	1,800/cs
<b>A9495-3</b>	8 x 9 in.	360/cs
<b>BH91616</b>	16 x 16 in.	80/cs
<b>A9495-11</b>	16 x 25 in.	60/cs
<b>A9495-4</b>	16 in. x 100 ft.	2 rl/cs
<b>Super absorbent wipes, 50 per dispenser</b>		
<b>A9495-9</b>	4 x 4 in.	4 dispensers/cs
<b>Clear acrylic dispensers</b>		
<b>A9495-25</b>	3 x 3 in. base with 3½ in. height, for use with 3 x 3 in. Bio-Check® wipes	1/ea
<b>A9494-4</b>	4 x 4 in. base with 5½ in. height, for use with 4 x 4 in. Bio-Check® wipes	1/ea

# Cleaning Supplies and Solutions

## Towels and Wipes



### HYPE-WIPE® Disinfecting Bleach Towels

CURRENT TECHNOLOGIES - Hype-Wipes® are EPA approved Sporicidal, Tuberculocidal, Virucidal and Bacteriocidal cleaning/disinfecting towels saturated with a 1:10 bleach solution. Hype-Wipes® kill Clostridium difficile Spores (C. diff spores) in 4 minutes. Hype-Wipes® have proven efficacy against the following pathogens:

- 1-minute kill time for TB (Mycobacterium bovis BCG), HBV (Hepatitis B), HCV (Hepatitis C), RSV (Respiratory Syncytial Virus), Norovirus, rotavirus, H1N1 (swine flu), ESBL (Escherichia coli), CRKP (Carbapenem Resistant Klebsiella pneumoniae), Streptococcus, Pseudomonas and Salmonella;
- 2-minute kill time for MRSA, VRE and Staphylococcus;
- 4-minute kill time for C. diff spores.

Hype-Wipes® are for use on hard, nonporous surfaces, including plastics, glass, ceramic tile, linoleum, enamel and certain grades of stainless steel. Not for use on aluminum. Use Hype-Wipe® bleach towels to quickly and conveniently clean and disinfect countertops, benchtops, point-of-care equipment including glucometers, blood gas analyzers, blood pressure cuffs, IV poles and in treatment areas including clinics, nursing stations, patient rooms, phlebotomy, dialysis, ERs and physician offices.

Mini Hype-Wipes® are excellent for disinfecting glucometers, blood coagulation and chemistry devices as well as cleanup of small spills. Hype-Wipes® and Mini Hype-Wipes® are saturated with sodium hypochlorite prediluted to 0.525%, the 1:10 dilution recommended by CDC, OSHA and NCCLS for disinfection.

Full-size Hype-Wipe® bleach towels (A9495-5) are individually-sealed in pocket-sized (3 x 4 in.), foil-lined tear-open pouches; towel unfolds to 6 x 12 in. Mini Hype-Wipe® bleach towels (FC9803) are individually-sealed in smaller (3 x 3 in.) foil-lined tear-open pouches; towel unfolds to 3 x 3 in. Product A9495-6 contains four white-coated cardboard dispensers with 22 full-size Hype-Wipes® per dispenser (88 towels per case). Products FC9803 (Mini Hype-Wipes®) and A9495-5 (full size Hype-Wipes®) are packaged 100 towels per case, without dispensers. Clear acrylic dispensers are sold separately.

Cat. No.	Mfr. No.	Description	Qty.
<b>HYPE-WIPE® disinfecting bleach towels</b>			
A9495-5	9103	Full-size towel in individual pouch	100/cs
FC9803	9803	Mini towel in individual pouch	100/cs
A9495-6	D9103	Full-size towel in cardboard dispenser	88/cs
<b>Clear acrylic dispensers</b>			
A9494-4	AC9512	4 x 4 in. base with 5½ in. height, for use with full-size towels	1/ea
A9495-24	AC3303	4 x 4 in. base with 5½ in. height, for use with full-size towels	1/ea



Standard VERSI-DRY®

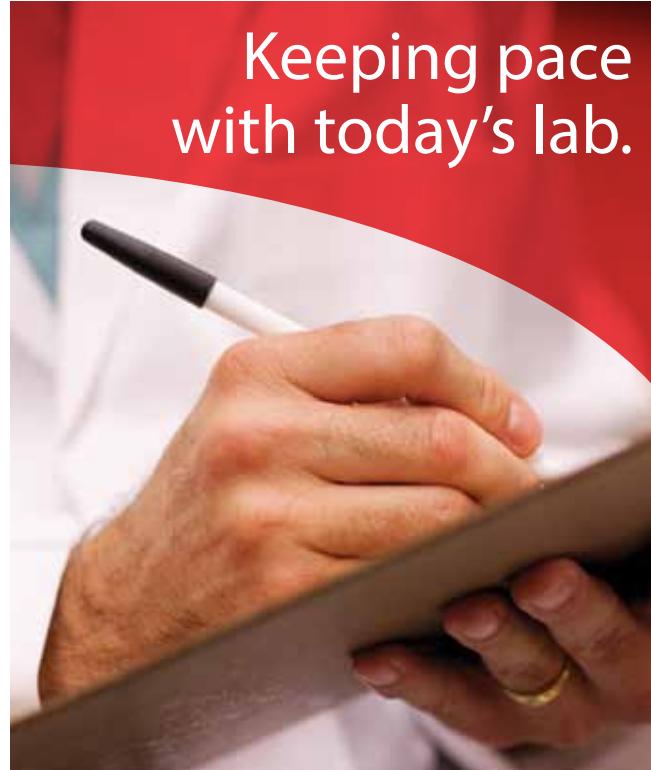


Super VERSI-DRY®

### Thermo Scientific Nalgene VERSI-DRY® Surface Protectors

THERMO FISHER SCIENTIFIC - Available in standard and super strength, these soakers consist of a durable, cloth-like top layer and a skid-, water- and chemical-resistant polyethylene backing. Standard Nalgene® VERSI-DRY® soakers absorb up to 750mL/sq. meter of liquid; Super VERSI-DRY® soakers absorb up to 1,050mL/sq. meter of liquid. Soakers feature thousands of Thirsty Cells™ cells that quickly absorb liquids and protect labware. Available in mat and roll formats in a variety of sizes, soakers are suitable for use as tray, drawer and shelf liners; benchtop, floor and fume hood mats; and to wipe up spills.

Cat. No.	Mfr. No.	Description	Qty.
<b>Standard VERSI-DRY® Surface Protectors</b>			
62080-00	62080-00	Mat - 18 x 20 in.	350/cs
<b>Super VERSI-DRY® Surface Protectors</b>			
74018-00	74018-00	Mat - 18 x 20 in.	350/cs
74200-00	74200-00	Floor mat - 40 in. x 200 ft.	1/cs



# Cleaning Supplies and Solutions

## Waste Containers



### Bench Top Waste Containers

**CARDINAL HEALTH** - Acrylic containers for the table top are ideal for disposing of small objects such as Pasteur pipettes, sharp objects and leaking fluids. Clear sides allow for warning insignias or the color of biohazard bags to be seen. Each unit has hinged lid for easy placement of waste. Lids also come off to position bag or box and for removal. All are made of  $\frac{3}{16}$  in. clear acrylic.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-134	Medium	8½ x 4½ x 4 in.	1/ea
S1389-144	Large	15½ x 8½ x 7¼ in.	1/ea
S1389-127	Waste box holder	11½ x 11 x 11 in.	1/ea



### Reusable Floor Waste Containers

**CARDINAL HEALTH** - Our waste containers are reusable and made of heavy-duty acrylic to help protect personnel from exposure to potential hazards. Some models come with wheels for easy mobility and some models have removable bottoms for easy cleaning. Waste box holders accommodate the standard corrugated waste boxes. Heavy-duty, beta radiation shielding model also available for extra protection. Dispose of contents according to all local, state and federal disposal regulations.



Beta waste container with wheels WB-500WH

#### Waste Container Reference Chart

Cat. No.	Bag Size	Box Size
S1389-134	8 x 12 in.	-
S1389-144	14 x 19 in.	-
S1389-132	19 x 23 in.	-
S1389-131	24 x 30 or 36 in. or 25 x 35 in.	-
S1389-128	36 x 45 in.	-
S1389-127	-	10 x 8 x 8 in.
WC-150C	-	15 x 11 x 11 in.
S1389-126	-	27 x 12 x 12 in.
WB-500WH	-	27 x 12 x 12 in.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-132	Small - $\frac{3}{16}$ in.-thick acrylic	20¾ x 11 x 9¾ in.	1/ea
S1389-131	Medium - $\frac{3}{8}$ in.-thick acrylic	25 x 12½ x 12½ in.	1/ea
S1389-128	Large - $\frac{3}{8}$ in.-thick acrylic	30¼ x 17½ x 17¼ in.	1/ea
S1389-126	Waste box holder - $\frac{3}{16}$ in.-thick acrylic, holds 27 x 12 x 12 in. waste box	29 x 14 x 14 in.	1/ea
WB-500WH	Beta waste container with wheels - $\frac{3}{8}$ in.-thick acrylic, holds 27 x 12 x 12 in. waste box	29 x 14 x 14 in.	1/ea
WC-150C	Waste container with wheels	26½ x 13 x 13 in.	1/ea

Visit us online at [cardinalhealth.com](http://cardinalhealth.com)

Search by keyword, product category, material number or manufacturer name.

### Replacement Probe for Traceable® Conductivity Meter

**CARDINAL HEALTH** - Our glass conductivity K=1 probe measures 5½ x ½ in. in diameter. The replacement probe includes a 59 in. cable.



Traceable® is a registered trademark of Control 3, Inc.

Cat. No.	Description	Qty.
<b>H9506-10</b>	Replacement glass conductivity probe	1/ea

### Traceable® Conductivity Standards (CRM)

#### Use standards with all meters

**CARDINAL HEALTH** - Traceable® Conductivity Standards, a Certified Reference Material, are 100% compatible with all makes of instruments and probes. Traceable® Conductivity Standards promote accuracy at 25°C ( $\pm 0.25$  microsiemens for 1, 5, 10 microsiemens solution or  $\pm 0.25\%$  for other solutions) or the uncertainty shown on the certificate, whichever is greater. Each bottle is labeled for calibrating conductivity (microsiemens/micromhos), resistivity (ohms) and dissolved solids (parts per million).



#### Methods supported

This Certified Reference Material meets test requirements for federal, state and local agencies, CAP, ASTM, NCCLS, CLSI, ACS, CLIA, AOAC, EPA, APHA, AWWA, WEF, USGS, USP and ISO. Traceable® Certified Reference Material complies with and is essential for use in these official methods: AOAC 973.40, EPA 120.1, Standard Method 2510 (APHA, AWWA, WEF), ISO 7888, DIN 38404, ASTM D1125, USGS I-1780, USP 645 and for A2LA/NVLAP accreditations/ISO 9000 certifications. Material may be used to calibrate all conductivity meters and to determine all conductivity cell constants.

#### A2LA accreditation ISO 17025 and ISO Guide 34 plus ISO 9001

To ensure accuracy, an individually serial-numbered Traceable® certificate is supplied to indicate traceability to standards provided by N.I.S.T. and/or a National Standards Laboratory. Double A2LA accredited certification provides the highest achievable level of quality assurance, documentation and accuracy. Certified Reference Materials are produced in an A2LA accredited ISO 17025 calibration laboratory by an A2LA accredited ISO Guide 34 reference material producer. Additional accreditations include ISO 31 (certificate content) and ISO 35 (statistical analysis) plus ISO 9001 (certified quality manufacturer).

Each bottle is supplied with step-by-step calibration instructions, individual temperature compensation chart, traceability information and Traceable® certificate. Each is supplied in a 16 oz. bottle.

Traceable® is a registered trademark of Control 3, Inc.

Cat. No.	Cat. No.	Microsiemens/ Micromhos	Megohms	TDS/PPM
NIST/ISO	NIST/ISO Guide			
Guide 34,	34, ISO 17025/			
ISO 17025/	A2LA Cert/			
A2LA Cert	Individually Tested			
<b>C8813-6</b>	<b>C8813-13</b>	5	0.2	3.3
<b>C8813-1</b>	<b>C8813-8</b>	10	0.1	6.6
<b>C8813-2</b>	<b>C8813-9</b>	100	0.01	66
<b>C8813-3</b>	<b>C8813-10</b>	1000	0.001	666
<b>C8813-7</b>	<b>C8813-14</b>	1413	0.00071	933
-	<b>C8813-11</b>	10000	0.0001	6666
-	<b>C8813-12</b>	100000	0.00001	66666

### Traceable® One-Shot™ Conductivity

**CARDINAL HEALTH** - Single-use conductivity standards calibrate all conductivity meters and probes for maximum accuracy. One-Shot™ eliminates concern about external container contamination. Calibration is made in the standard's vial. Container fits all probes. Extra-large opening (1¾ in. diameter) and extra-large, 3½ in. depth allow probe calibration to take place in the standard's polyethylene container. One-Shot™ Traceable® standards accommodate all conductivity probes and are ideal for lab or field conditions.



#### Use standards with all meters

Traceable® Conductivity Standards, a Certified Reference Material, are 100% compatible with all makes of instruments and probes. Traceable® Conductivity Standards are the most accurate available. Accuracy at 25°C ( $\pm 0.25$  microsiemens for 1, 5, 10 microsiemens solution or  $\pm 0.25\%$  for other solutions) or the uncertainty shown on the certificate, whichever is greater. Each container is labeled for calibrating conductivity (microsiemens/micromhos), resistivity (ohms) and dissolved solids (parts per million).

#### Methods supported

This Certified Reference Material meets test requirements for federal, state and local agencies, CAP, ASTM, NCCLS, CLSI, ACS, CLIA, AOAC, EPA, APHA, AWWA, WEF, USGS, USP and ISO. Traceable® Certified Reference Material complies with and is essential for use in these official methods: AOAC 973.40, EPA 120.1; Standard Method 2510 (APHA, AWWA, WEF); ISO 7888; DIN 38404; ASTM D1125; USGS I-1780; USP 645 and A2LA/NVLAP accreditations/ISO 9000 certifications. Material may be used to calibrate all conductivity meters and to determine all conductivity cell constants.

#### A2LA accreditation ISO 17025 and ISO Guide 34

To ensure accuracy, an individually serial-numbered Traceable® Certificate is supplied to indicate traceability to standards provided by N.I.S.T. and/or a National Standards Laboratory. Double A2LA accredited certification provides the highest achievable level of quality assurance, documentation and accuracy. Certified Reference Materials are produced in our A2LA accredited ISO 17025 calibration laboratory by an A2LA accredited ISO Guide 34 reference material producer. Additional accreditations include ISO 31 (certificate content) and ISO 35 (statistical analysis), plus ISO 9001 (certified quality manufacturer). Each container is supplied with step-by-step calibration instructions, individual temperature compensation chart, traceability information and Traceable® certificate. Each One-Shot™ contains 100mL.

Traceable® is a registered trademark of Control 3, Inc.

One-Shot™ is a trademark of Control 3, Inc.

Cat. No.	Microsiemens/ Micromhos	Megohms	TDS/ PPM	Qty.
<b>C8813-15</b>	5	0.2	3.3	6/pk
<b>C8813-18</b>	10	0.1	6.6	6/pk
<b>C8813-19</b>	100	0.01	66	6/pk
<b>C8813-20</b>	1000	0.001	666	6/pk
<b>C8813-17</b>	1413	0.00071	933	6/pk
<b>C8813-21</b>	10000	0.0001	6666	6/pk
<b>C8813-22</b>	100000	0.00001	66666	6/pk
<b>C8813-16</b>	Assortment			6/pk

# Cryogenic Storage

## Vials and Storage Systems



### Corning® Cryogenic Self-Locking Racks

CORNING - Reusable cryogenic vial racks can hold 30 or 50 vials. Self-locking design allows for single-handed manipulation when used with Corning® self-standing cryogenic vials.

Cat. No.	Mfr. No.	Description	Qty.
T4191-33	431131	Polypropylene rack	2/cs

### Corning® Internally Threaded Cryogenic Vials

CORNING - Manufactured from polypropylene to withstand temperatures to -196°C, these disposable, cryogenic vials have a large white marking spot and black graduations. Vials have a silicone washer to ensure a tight seal. Vials are certified RNase- and DNase-free and non-pyrogenic. Self-standing vials have a base that locks into rack T4191-33 for single-handed manipulation.



Cat. No.	Mfr. No.	Description	Qty.
<b>Self-standing conical-bottom vial</b>			
T4188-1	430487	1.2mL	500/cs
<b>Self-standing round-bottom vials</b>			
CC431386	431386	2mL	250/cs
T4188-2	430488	2mL	500/cs
T4188-5	430491	4mL	500/cs
<b>Round-bottom vials</b>			
T4188-3	430489	2mL	500/cs
T4188-4	430490	4mL	500/cs
T4188-6	430492	5mL	500/cs

### Corning® Externally Threaded Cryogenic Vials

CORNING - Manufactured from polypropylene to withstand temperatures to -196°C, these cryogenic vials have a large white marking spot and black graduations. Vials have a silicone washer to ensure a tight seal. Cap threads are not exposed to contents of vials. Vials are certified RNase- and DNase-free and non-pyrogenic. Self-standing vials have a base that locks into rack T4191-33 for single-handed manipulation.



Cat. No.	Mfr. No.	Description	Qty.
<b>Self-standing round-bottom vials</b>			
T4051-3	430659	2mL	500/cs
T4051-5	430662	4mL	500/cs
T4051-6	430663	5mL	500/cs
<b>Self-standing conical-bottom vial</b>			
T4051-2	430658	1.2mL	500/cs

### Cryovial® Internally Threaded Cryogenic Vials

SIMPORT PLASTICS - These cryogenic vials with internal threads are designed to store human or animal cells at temperatures as low as -196°C. A silicone washer between the cap and vial helps to ensure a positive leak-resistant seal at all temperatures. A fast-thread design enables you to tighten or remove the cap with a 1 1/4 turn. Vials and caps are both made of polypropylene with the same coefficient of expansion to help ensure leak-resistance at changing temperatures. A white marking area is printed on the vials. Vials are sterilized by gamma radiation and certified nonpyrogenic and RNase-, DNase- and DNA-free. Compatible with most storage systems. Do not use the vials for storage in the liquid phase of liquid nitrogen. Vials are packaged in tamper-resistant resealable bags. Choose from self-standing and round-bottom vials. Round-bottom vials can be centrifuged up to 14,000 x g.



Cat. No.	Mfr. No.	Description	Qty.
<b>Self-standing vials</b>			
VT311-4A	T311-4A	4mL - 12.5 x 72mm	100/bg, 10 bg/cs
<b>Round-bottom vials</b>			
VT311-5	T311-5	5mL - 12.5 x 90mm	100/bg, 10 bg/cs

### Thermo Scientific Nalgene Bulk Pack Cryogenic Tubes

THERMO FISHER SCIENTIFIC - These polypropylene tubes are an excellent choice for cryopreservation of cell cultures, serum, bacterial and plant cultures and reagents in mechanical freezers or vapor-phase liquid nitrogen. The high-density polyethylene external screw-thread closure provides a tight, secure seal and is designed to not contaminate tube contents. Nalgene™ Cryogenic tubes are for laboratory use only, not for in vitro diagnosis or parenterals. Cryogenic tubes T4050-802 and -803 are certified sterile, noncytotoxic and nonpyrogenic and have printing and graduations. Tubes and closures are preassembled. Warning: Do not use cryogenic tubes for storage in the liquid phase of liquid nitrogen. Such use may cause entrapment of liquefied nitrogen inside the tube and lead to pressure build-up resulting in possible explosion or biohazard release. Use appropriate safety procedures as outlined in the Thermo Scientific Cryopreservation Manual (Pub. No. BRLSPCRYOPRES) when handling and disposing of tubes.



Cat. No.	Mfr. No.	Description	Qty.
T4050-802	5012-0012	1.2mL capacity - 13.5 x 38mm	1,000/cs
T4050-803	5012-0020	2mL capacity - 13.5 x 48.3mm	1,000/cs

# Cryogenic Storage

## Vials and Storage Systems

### Thermo Scientific Nalgene Cryogenic Boxes

THERMO FISHER SCIENTIFIC - Durable polycarbonate boxes are the perfect alternative to flimsy cardboard or expensive stainless steel for storing your cryogenic vials. With a usable temperature range of -196° to +121°C, these boxes are ideal for use in mechanical and liquid nitrogen freezers for ultralow temperature storage of cryogenic vials. The boxes feature an interior grid with molded-in numbers and a lid printed with a grid of corresponding numbers for cryogenic vial inventory. The lid is keyed in one position so the grid always matches. The box lid removes easily before and after freezing. CryoBox™ T4050-11 can be used with Thermo Scientific Locator® Storage Vessel T4050-1.



Cat. No.	Mfr. No.	Description	Qty.
T4050-11	5026-0909	1.2 to 2.0 vial size - 9 x 9 configuration	4/pk, 6 pk/cs

### Thermo Scientific Nalgene Cryogenic Tubes

THERMO FISHER SCIENTIFIC - These polypropylene tubes provide excellent performance in mechanical and liquid nitrogen freezers. The tube has an external thread. The deep-skirted polyethylene closure allows single-handed aseptic technique without exposing fingers to tube contents. These tubes will not turn in Nalgene™ Cryogenic Tube Holders T4050-9 or T4050-122 during opening or closing. The tubes are self-standing for use on a benchtop without a holder. A white marking area, graduations and fill line are printed on the side. The large inner diameter of the tubes allows convenient filling. Tubes include a specially designed case for convenient dispensing of packages when stored on a shelf or in a drawer. Tubes and closures are preassembled and certified sterile, noncytotoxic and nonpyrogenic. Warning: Do not use cryogenic tubes for storage in the liquid phase of liquid nitrogen. Such use may cause entrapment of liquid nitrogen inside the tube and lead to pressure build-up resulting in possible explosion or biohazard release.



Cat. No.	Mfr. No.	Description	Qty.
T4050-10	5000-0012	1.2mL capacity - 13.5 x 38.1mm	25/pk, 20 pk/cs
T4050-8	5000-0020	2mL capacity - 13.5 x 48.3mm	25/pk, 20 pk/cs
T4050-80	5000-0050	5mL capacity - 13.5 x 92mm	10/pk, 25 pk/cs

### Thermo Scientific Nalgene System 100 Cryoware Storage System

THERMO FISHER SCIENTIFIC - The Nalgene™ System 100™ cryogenic storage system consists of gasketed tubes in two sizes that can be centrifuged at up to 8000 x g, a 25-place tube holder with generous spacing around the holes for easy tube retrieval and a storage box that holds 100 tubes. Tubes T4050-120 and -121 are constructed of polypropylene with a silicone gasketed closure. They are externally threaded for aseptic technique, with a white marking area, graduations and fill line printed on the outside. Self-standing tubes are sterile, noncytotoxic and nonpyrogenic.



Cat. No.	Mfr. No.	Description	Qty.
T4050-120	5000-1012	1mL tube	500/cs
T4050-121	5000-1020	1.5mL tube	500/cs

### Thermo Scientific Nunc CryoTube Storage

THERMO FISHER SCIENTIFIC - Nunc™ CryoTube™ Storage Systems offer you a method to organize and store your biological samples in a variety of options. You can use the nonpyrogenic CryoTube® vials to store and protect your samples. These sterilized



polypropylene tubes are available with an internal or external thread cap, depending on your storage needs. Tubes with internal thread incorporate a closure system with a silicone gasket, which provides a seal for storage of cells under ultralow temperatures. The thread design helps ensure ease of opening and closing the vials. Because no mechanical closure system can be guaranteed leak-resistant in liquid nitrogen, Nunc CryoFlex™ tubing, sold separately, must be used for storage in liquid phase. For mechanical freezing and gas phase of liquid nitrogen, use CryoTube with external thread. The deep-skirted closure allows for single-handed manipulation, facilitating aseptic technique while minimizing contamination risk. By using these storage systems, you can label, identify and locate individual tubes with CryoColor™ color-coded cap inserts, CryoPens pens and Canecoder tabs, and then store them in Nunc storage boxes, which offer a variety of sizes and types for versatility in storage and handling. All vials are approximately 12.4 or 12.5mm in diameter. Some styles are self-standing with a skirt or starfoot. The starfoot interlocks into the autoclavable CryoTube rack, which is sold separately. Warning: Do not use CryoTube vials for freezing in liquid nitrogen (liquid phase storage) unless correctly sealed in CryoFlex Tube Wrap T4136-157.

Cat. No.	Mfr. No.	Description	Qty.
<b>Nunc CryoTube with internal thread cap and round bottom style</b>			
T4136-201*	377267	1.8mL working volume	450/pk, 4 pk/cs
T4136-317**	368632	1.8mL working volume	450/pk, 4 pk/cs
T4136-177	363401	1.8mL working volume	500/pk, 4 pk/cs
T4136-182	366524	3.68mL working volume	400/pk, 4 pk/cs
<b>Nunc CryoTube with external thread cap and conical bottom style</b>			
T4136-191	375353	1mL working volume	500/pk, 4 pk/cs

\*Self-standing with starfoot

\*\*Self-standing with solid skirt

# Desiccators

## Desi-Vac® Vacuum Pump Containers

**CARDINAL HEALTH** - Our desiccators with vacuum pumps work for drying, preserving, storing and shipping samples. The built-in vacuum pump removes air with manual strokes. A rubber O-ring sealed cover maintains the vacuum and achieves a vacuum of better than 200 in. of water (15 in. of mercury). A release button on top allows air into the plastic container to remove the lid.



Use desiccants to keep material dry, for weighing samples and storing chemicals, powders, sample tissues and plant sections.

*Desi-Vac® is a registered trademark of Control 3, Inc.*

Cat. No.	Description	Volume	Qty.
D1370	4½ dia. x 5 in. H	42 in. <sup>3</sup> /700cc	1/ea
D1370-2	5 dia. x 7¼ in. H	91 in. <sup>3</sup> /1,500cc	1/ea
D1370-5	8½ W x 7 D x 7¼ in. H	183 in. <sup>3</sup> /3,000cc	1/ea
D1370-6	11 W x 9 D x 10 in. H	701 in. <sup>3</sup> /11,500cc	1/ea



## Dry-Cab™ Desiccator Storage Cabinets

**CARDINAL HEALTH** - Our family of Dry-Cab™ laboratory cabinets offers ideal space-saving storage units for materials that are sensitive to heat or moisture. Each Dry-Cab™ cabinet is made of sturdy acrylic and has an airtight seal around each door. The small, compact Dry-Cab™ Jr. cabinet has two slide-out shelves. The original Dry-Cab™ cabinet contains three removable shelves and provides twice as much internal storage space as a round desiccator of comparable size. The Dry-Cab™ Twin has two separate chambers, each measuring 7 x 9 x 15 in. Both chambers have two slide-out shelves. The Dry-Cab™ and Dry-Cab™ Jr. cabinets come with one container of regenerable desiccant; the Dry-Cab™ Twin cabinet includes two. For light-sensitive use, we offer amber color as well. All units may be ordered with a locking latch.

*Dry-Cab™ is a trademark of Mitchell Plastics.*

Cat. No.	Description	Qty.
<b>Dry-Cab™ cabinets, 9½ x 10 x 16 (H x W x D) in.</b>		
S1389-101	Clear cabinet	1/ea
S1389-102	Amber cabinet	1/ea
S1389-159	Clear cabinet with lock latch	1/ea
<b>Dry-Cab™ Jr. cabinets, 7½ x 8 x 10 (H x W x D) in.</b>		
S1389-103	Clear cabinet	1/ea
S1389-104	Amber cabinet	1/ea
S1389-158	Clear cabinet with lock latch	1/ea
<b>Dry-Cab™ Twin cabinets, 14 x 10 x 15 (H x W x D) in.</b>		
S1389-105	Clear cabinet	1/ea
S1389-106	Amber cabinet	1/ea
S1389-160	Clear cabinet with lock latch	1/ea

# Labels, Tapes and Sealers

## Film and Film Dispensers/Blank Labels



### Clear Plastic Wrap

**CARDINAL HEALTH** - Our clear plastic wrap is specifically designed for the lab. It has low tangle properties to ensure that it does not ball up while handling. It also has high cling properties to enable wrapping a beaker, flask or petri dish with an extraordinary tight seal that stays in place. The distinctive proprietary formulation yields ultra-clean film to ensure sample purity and help eliminate contamination. The carton has a metal tear-off bar for ease in achieving the exact size needed and flaps to prevent the roll from leaving the box. Plastic wrap is made of 100% polyethylene. Size (W x L): 12 in. x 100 ft.

Cat. No.	Description	Qty.
B2506	Clear plastic wrap	1/ea



### Film Dispensers

**CARDINAL HEALTH** - Our dispenser offers a dust-free delivery system for those labs that use Parafilm® M, plastic wrap or foil. The lab film dispenser holds a 4 x 30 in. roll of Parafilm® M. The film and wrap dispenser is capable of holding a roll of foil or plastic wrap up to 18 in. x 1,000 ft. long. The dispensers are made of heavy-duty clear acrylic and are easy to clean. Each unit has a serrated blade that cuts without deforming the sheets for one-handed use. Rubber feet provided to prevent holders from sliding on countertops. These dispensers are ideal for use in a clean room environment.

Parafilm® is a registered trademark of Pechiney Plastic Packaging, Inc.

Cat. No.	Description	Color	Qty.
<b>5 3/4 x 5 1/8 x 6 3/8 (H x W x D) in.</b>			
S1389-47	Lab film dispenser	Clear	1/ea
S1389-48	Lab film dispenser	Neon green	1/ea
S1389-49	Lab film dispenser	Neon red	1/ea
<b>6 1/2 x 20 1/4 x 6 3/4 (H x W x D) in.</b>			
S1389-50	Foil and wrap dispenser	Clear	1/ea



### Parafilm® M Laboratory Films

**BEMIS** - Use Parafilm® M laboratory films for sealing flasks, petri dishes and tubes to protect contents from evaporation. They are also an excellent leak-resistant connection in a gas train or vacuum setup or a wrap for microscope slides. The semitransparent, flexible thermoplastic film is moisture-resistant, adheres tightly to irregular surfaces, is an effective closure for a wide range of labware sizes and shapes and seals quickly to itself. Compatible with inorganic reagents. Approximately 0.005 in. thick.

Cat. No.	Mfr. No.	Description	Qty.
P1150-6	PM992	2 in. x 250 ft.	24/cs
P1150-2	PM996	4 in. x 125 ft.	12/cs
P1150-4	PM999	4 in. x 250 ft.	12/cs
P1150-5	PM998	20 in. x 50 ft.	6/cs

### Precut Red Border Labels

**CARDINAL HEALTH** - Our red border labels demand your attention. The permanent adhesive sticks to most surfaces, including glass, plastic, polyethylene and wax. Label surface will accept addressograph, pen, pencil or felt-tip marker. Labels have a 1 in. core and are wound for use with a typewriter.



Cat. No.	Description	Qty.
L1540-11	3/4 x 1 in.	500/r
L1540-12	1 x 1 1/8 in.	500/r
L1540-13	1 1/2 x 2 1/2 in.	500/r
L1540-14	2 x 3 in.	500/r

# Labels, Tapes and Sealers

## Blank and General Printed Labels

### Red Border Labels

**CARDINAL HEALTH** - Our labels are printed on pressure-sensitive tape that sticks to almost any surface. They can be used in a wide range of temperatures and still be removed. The label surface will accept pen, pencil, felt-tip marker or rubber stamp. Labels' bright border attracts the eye. 1 in. core. 500 in. roll.



Cat. No.	Description	Qty.
L1540-1	¾ x 1 in.	500/rl
L1540-2	1 x 1½ in.	500/rl
L1540-3	1½ x 2½ in.	500/rl
L1540-4	2 x 3 in.	500/rl

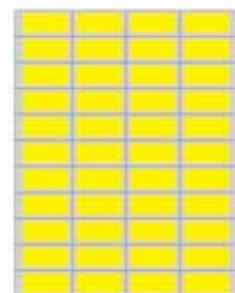
### Tyvek® Labels

**CARDINAL HEALTH** - Our Tyvek® labels are stripped, perforated and mounted on peel-off backing paper. Labels resist moisture, mildew, chemicals, aging and tearing. Label L1510-1 is supplied in sheet form and labels L1510-2 through L1510-5 are supplied in rolls.



Tyvek® is a registered trademark of E.I. du Pont de Nemours and Co.

Cat. No.	Description	Qty.
<b>Sheet labels</b>		
L1510-1	⅜ x ¾ in.	1,000/pk
<b>Roll labels</b>		
L1510-2	¾ x 1½ in.	1,000/rl
L1510-3	1 x 2 in.	1,000/rl
L1510-4	1½ x 3 in.	1,000/rl
L1510-5	2 x 4 in.	1,000/rl



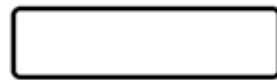
### Patient Charge Labels

PRECISION DYNAMICS CORP

Cat. No.	Mfr. No.	Description	Qty.
DPSL-PC5-2	DPSL-PC5-2	¾ x 1 in.	11/bx

### Ring Binder Labels

**SHAMROCK SCIENTIFIC** - These 1½ x 5½ in. labels feature a pressure-sensitive adhesive that sticks firmly to the spine of your ring binder. They come off easily without tearing when removed and do not leave a messy residue. Smudge-resistant labels can be marked with pen, pencil, addressograph or typewriter. Available in a variety of colors, choose from plain labels or labels preprinted with room number, patient and doctor.



Cat. No.	Mfr. No.	Description	Qty.
CL-1	CL-1	Plain labels - white	200/rl

### Expiration Label

**CARDINAL HEALTH** - Our label provides space where you can indicate the date received, date opened and expiration date on various reagents, controls and other laboratory items for quick identification of outdated material. Labels adhere to almost any dry surface for permanent application. ¾ x 1½ in. with a 1 in. core.



Cat. No.	Description	Qty.
L1555-1	Expiration label	500/rl

### Lot Signal Labels

**CARDINAL HEALTH** - Our lot signal labels command your attention with their bright colors: red (with a stop, do-not-use message), yellow (with a cautionary, changes needed message) and green (with a go-ahead, ready-for-use message). Labels are stripped and perforated and will stick to almost any dry surface. You can write on them with a ballpoint pen or pencil. 1½ x 3 in. with a 1 in. core.



Cat. No.	Description	Qty.
L1505-1	Red	500/rl
L1505-2	Yellow	500/rl
L1505-3	Green	500/rl

### Medical Label

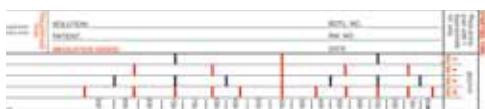
**CARDINAL HEALTH** - Our label has "MEDICAL MATERIALS: PACKAGING CONFORMS WITH STANDARDS IN 49 CFR 173.387, 42 CFR 72.25 (c), AND NIH GUIDE" printed in large, legible lettering on each 1½ x 2 in. pressure-sensitive label.



Cat. No.	Description	Qty.
L1599-7	Medical label	100/pk

# Labels, Tapes and Sealers

## General Printed/Hazard Warning Labels



### Precut IVC Label

**CARDINAL HEALTH** - Our precut IVC label offers a quick, visual record of all intravenous infusions. It accepts information from pen, pencil, marker or imprinter. Expose the pressure-sensitive adhesive on one side of the label to place on the bag. After infusion, expose adhesive on the other side of the label and place in patient's permanent IV record, eliminating the need for further transcribing. The narrow label is calibrated to fit a VIAFLEX® 1,000mL bag. Size: 1 1/4 x 10 1/2 in.

VIAFLEX® is a registered trademark of Baxter International Inc.

Cat. No.	Description	Qty.
IVC-V1-A	Precut IVC label	1,000/cs



### Precut Tubing Label

**CARDINAL HEALTH** - Our precut tubing label is white with a red imprint that reads "IV SET-72 HRS-ONLY." A tab holds the label on the tubing and perforation allows separation of the label from the tab for inclusion in the patient's permanent record.

Cat. No.	Description	Qty.
IV-4	Precut tubing label	1,000/rll



### Reagent Labels

**CARDINAL HEALTH** - Use our labels to record reagent integrity and potency. Ideal for chemistry and microbiology labs, each label has spaces for reagent name, analysis, dates and initials. Labels are printed in red and black ink on white stock and have permanent adhesive.

Cat. No.	Description	Qty.
L1550-1	1 x 2 in.	100/pk
L1550-2	4 1/4 x 2 in.	100/pk

### Specimen Labels

**CARDINAL HEALTH** - Use our labels to identify patient specimens. Preprinted in black on white, they will accept ballpoint pen, pencil or marker and will adhere to glass or plastic surfaces, even if slippery or waxed. Labels are transferable from one surface to another and may be used to hold the test requisition to the specimen container. 1 in. core. Labels are 1 x 2 1/4 in. 500 in. of labels per roll.

NAME _____
RM. NO. _____ DATE _____

NAME _____
SPECIMEN _____
RM. NO. _____ DATE _____

NAME _____
HOSP. NO. _____
RM. NO. _____ DATE _____

L1613-9  
L1613-10  
L1613-12

Cat. No.	Description	Qty.
L1613-9	NAME, RM. NO., DATE	1/ea
L1613-10	NAME, SPECIMEN, RM. NO., DATE	1/ea
L1613-12	NAME, HOSP. NO., RM. NO., DATE	1/ea

### Specimen Pathology Label

**CARDINAL HEALTH** - Our pathology label is preprinted in red on white with: PATHOLOGY SPEC., NAME, DATE, SEX, AGE, ROOM, DOCTOR, SPECIMEN and NUMBER. 1 in. core. Label is 1 1/2 x 3 1/2 in. 500 in. of labels per roll.



Cat. No.	Description	Qty.
L1613-11	Specimen pathology label	142/rll



### Biohazard Labels

**CARDINAL HEALTH** - Use our biohazard labels to identify equipment, containers, rooms, materials, experimental animals, etc., that may contain or are contaminated with biologically hazardous agents. These bright and easy-to-read pressure-sensitive labels have a biohazard symbol printed in black against a red fluorescent background as well as space for hazard identity. Labels adhere to almost any dry surface for permanent application.

Cat. No.	Description	Qty.
L1599-4	25 x 76mm	100/pk
L1599-5	57 x 89mm	100/pk
L1599-3	200 x 254mm	10/pk

# Labels, Tapes and Sealers

## Hazard Warning Labels/Indicator Tape/Labeling Tapes

### Biomedical Label

CARDINAL HEALTH - Our biomedical label reads "HANDLE CAREFULLY: BIOMEDICAL MATERIAL." The biohazard symbol is printed in red against a white background. Label measures 2½ x 4 in.



### Cat. No. Description Qty.

L1599-6	Biomedical label	100/pk
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### Carcinogen Warning Labels

CARDINAL HEALTH - Our labels warn your technicians of contamination from carcinogenic material. 1 in. core. Labels are 1 x 2½ in. 500 in. roll.



### Cat. No. Description Qty.

L1535-1	"Danger Carcinogen" label - red tape/black ink	500/rl
L1535-2	"Danger Chemical Carcinogen" label - yellow tape/black ink	500/rl

### Radioactive Warning Labels

CARDINAL HEALTH - These labels have "CAUTION: RADIOACTIVE MATERIAL" printed in magenta ink on a bright yellow background to attract immediate attention. The pressure-sensitive tape labels adhere to most surfaces. 1 in. core.

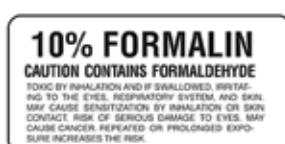


### Cat. No. Description Qty.

L1599-1	Isotope, amount, date write-in space - 1 in. width - 500 in. roll	5 rl/pk
L1599-2	No write-in space - 1 in. width - 500 in. roll	5 rl/pk
L1599-2A	Series, date write-in space - 1½ in. width - 500 in. roll	5 rl/pk

### Formaldehyde Warning Labels

CARDINAL HEALTH - Our labels comply with OSHA formaldehyde labeling requirements. A warning message is printed on each label. Pressure-sensitive, they stick to plastic, glass, metal or wood. Black on white.

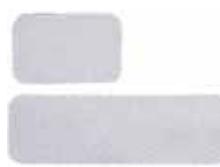


### Cat. No. Description Qty.

L1522-5	Formaldehyde warning labels	500/rl
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### Pressure-Sensitive Labels

CARDINAL HEALTH - Apply our labels to almost any flat surface. They will adhere in extremely hot and cold situations and are excellent for use with liquid nitrogen. Made with rayon cloth, they resist acid, alkali, oil, grease, fresh or salt water and soap. Suitable for cryogenic work. Individually attached and peelable from a paper backing sheet.

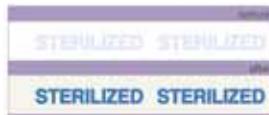


### Cat. No. Description Qty.

L1515-1	5/8 x 1 in.	1,000/pk
L1515-2	5/8 x 2 in.	1,000/pk

### Dry Oven Indicator Tape

SHAMROCK SCIENTIFIC - This high-temperature indicator tape is printed with the word "sterilized," which will appear only after standard sterilization processing. The tape can stick to almost any surface and holds fast in dry oven temperatures. Tapes withstand acids, alkalies, greases and oils. Tape measures ½ in. wide by 250 in. long.



### Cat. No. Mfr. No. Description Qty.

SHTI-12	SHTI-12	Dry oven indicator tape	1/ea
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### Pressure-Sensitive Labeling Tapes

CARDINAL HEALTH - Our pressure-sensitive labeling tapes adhere to any dry surface from refrigerators to oil baths. Write on them with an ordinary marking device. Tapes are resistant to oil, water and acid and withstand a wide range of temperatures. The adhesive permits you to remove and transfer labels without leaving residue. 3 in. core. 60 yds. of tape per roll.



### Cat. No. Description Qty.

#### ½ in. wide

L1600-50A	White	1/ea
L1601-50A	Yellow	1/ea
L1602-50	Green	1/ea
L1603-50	Red	1/ea
L1604-50A	Orange	1/ea
L1605-50	Blue	1/ea

#### ¾ in. wide

L1600-75A	White	1/ea
L1601-75A	Yellow	1/ea
L1602-75	Green	1/ea
L1603-75	Red	1/ea
L1604-75A	Orange	1/ea
L1605-75	Blue	1/ea

#### 1 in. wide

L1600-100A	White	1/ea
L1601-100A	Yellow	1/ea
L1602-100	Green	1/ea
L1603-100	Red	1/ea
L1604-100A	Orange	1/ea
L1605-100	Blue	1/ea

# Labels, Tapes and Sealers

## Labeling Tapes/Tamper Evident Tape/Thermal Labels



### Specialty Labeling Tapes

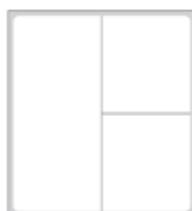
**CARDINAL HEALTH** - Our labeling tapes can be used on most surfaces and can withstand the extremes of refrigerators, freezers, autoclaves, ovens, incubators, water and oil baths. Pressure sensitive. 1 in. core. 500 in. of tape per roll.

Cat. No.	Description	Qty.
<b>½ in. wide</b>		
L1599-50A	Aqua	5/pk
L1599-50B	Blue	5/pk
L1599-50C	Copper	5/pk
L1599-50H	Gray	5/pk
L1599-50G	Green	5/pk
L1599-50L	Lavender	5/pk
L1599-50J	Orange	5/pk
L1599-50P	Pink	5/pk
L1599-50R	Red	5/pk
L1599-50S	Rose	5/pk
L1599-50W	White	5/pk
<b>¾ in. wide</b>		
L1599-75A	Aqua	5/pk
L1599-75B	Blue	5/pk
L1599-75C	Copper	5/pk
L1599-75H	Gray	5/pk
L1599-75G	Green	5/pk
L1599-75L	Lavender	5/pk
L1599-75M	Lime	5/pk
L1599-75J	Orange	5/pk
L1599-75P	Pink	5/pk
L1599-75R	Red	5/pk
L1599-75S	Rose	5/pk

### Tamper Evident Acetate Tape

PRECISION DYNAMICS CORP

Cat. No.	Mfr. No.	Description	Qty.
TRL2N	TRL-2N	½ x 6 in.	1,000/bx



### Infrared Thermal Glove Adhesive® Labels for Direct Thermal Printers

PRECISION DYNAMICS CORP

Cat. No.	Mfr. No.	Description	Qty.
DPS-PN5	DPS-PN5	2½ x 2¼ in.	4/bx

Cat. No.	Description	Qty.
<b>¾ in. wide (continued)</b>		
L1599-75T	Tan	5/pk
L1599-75V	Violet	5/pk
L1599-75W	White	5/pk
L1599-75Y	Yellow	5/pk
<b>1 in. wide</b>		
L1599-10A	Aqua	5/pk
L1599-10B	Blue	5/pk
L1599-10C	Copper	5/pk
L1599-10H	Gray	5/pk
L1599-10G	Green	5/pk
L1599-10L	Lavender	5/pk
L1599-10J	Orange	5/pk
L1599-10M	Lime	5/pk
L1599-10P	Pink	5/pk
L1599-10R	Red	5/pk
L1599-10S	Rose	5/pk
L1599-10T	Tan	5/pk
L1599-10V	Violet	5/pk
L1599-10W	White	5/pk
L1599-10Y	Yellow	5/pk
<b>1½ in. wide</b>		
L1599-15B	Blue	5/pk
L1599-15G	Green	5/pk
L1599-15J	Orange	5/pk
L1599-15R	Red	5/pk
L1599-15W	White	5/pk
L1599-15Y	Yellow	5/pk
<b>2 in. wide</b>		
L1599-20B	Blue	5/pk
L1599-20G	Green	5/pk
L1599-20J	Orange	5/pk
L1599-20R	Red	5/pk
L1599-20W	White	5/pk
L1599-20Y	Yellow	5/pk

### Thermal Labels

PRECISION DYNAMICS CORP



Cat. No.	Mfr. No.	Description	Qty.
TDPN5	TD-PN5	2½ x 2¼ in.	4/bx

### Thermal Direct IR Readable Labels

SHAMROCK SCIENTIFIC



Cat. No.	Mfr. No.	Description	Qty.
THERM-358R	THERM-CH-358R-I	2 x 4 in. labels - 3 in. cores	2,750/r

# Labware

## Beakers/Bottles



### Scienceware® Graduated Tall-Form Pitchers

BEL-ART - These molded polypropylene pitchers have comfortable handles, easy-to-pour spouts and are perfect for use with wet or dry ingredients. Steam autoclavable at 121°C, these pitchers have excellent chemical resistance and are shatter-resistant. Metric graduations are permanently molded on the outside wall.

Cat. No.	Mfr. No.	Description	Qty.
B2760-1L	289910000	1,000cc	24/cs
B2760-3L	289930000	3,000cc	12/cs
B2760-5L	289940000	5,000cc	6/cs

### Disposable Polypropylene Beakers

MARYLAND PLASTICS - These disposable polypropylene beakers are resistant to many acids and bases, organic solvents and other commonly-used laboratory reagents. Molded lip is drip-resistant while the ribbed construction helps prevent sticking together when beakers are stacked. Base will sit flat. Graduated, translucent beakers provide visibility of contents and are steam autoclavable.



Cat. No.	Mfr. No.	Description	Qty.
B2721-100	L0100	100mL	100/cs
B2721-250	L0250	250mL	50/cs



### Thermo Scientific Nalgene Polypropylene Griffin Beakers

THERMO FISHER SCIENTIFIC - Heavy-duty, translucent polypropylene copolymer beakers have ribs for stacking. They feature easy-to-read graduations, size and resin codes, maximum-use temperature and no-flame symbol printed in black. Autoclavable and chemical-resistant. Designed to meet the ISO/DIS 7056 International Standard for Laboratory Plasticware Accuracy. Do not use on hotplates.

Cat. No.	Mfr. No.	Description	Qty.
B2730-2L	1201-2000	2,000mL capacity	1/pk, 6 pk/cs

### Amber Oval Glass Dropper Bottles

QORPAK - These dropper bottles have dropper assemblies, which include a polyethylene pipette and rubber nipple with black cap. 20mm neck.



Cat. No.	Mfr. No.	Description	Qty.
B7459-2	GLA-00905	1 oz. capacity 2 oz. (60mL) amber oval dropper bottle with 20-400 black phenolic plastic dropper assembly	36/cs

### Squeeze Bottles

QORPAK - These squeeze-type polyethylene bottles feature a 0.030 in. orifice and a spout that swings down to seal the bottle. A white 24-410-size flip-top cap is attached.



Cat. No.	Mfr. No.	Description	Qty.
B7548-48	PLC-03425	16 oz. (480mL) natural HDPE cylinder dispensing bottle with 24-410 white PP unlined flip top cap attached	6/pk, 4 pk/cs



### Thermo Scientific Nalgene Rectangular Carboys with Spigot

THERMO FISHER SCIENTIFIC - These leak-proof carboys feature a quick-action spigot. The threaded spigot boss is integrally molded with the carboy. The 5G size features molded-in handgrips. Each carboy is supplied with a 100mm size polypropylene closure and a stainless steel bail handle. They have a large neck opening for easy filling. Polypropylene carboys are autoclavable. Remove and disassemble spigot before autoclaving.

Cat. No.	Mfr. No.	Description	Qty.
<b>High-density polyethylene</b>			
B7587-5	2320-0050	5G	4/cs
<b>Polypropylene copolymer</b>			
B7566-15	2321-0050	5G	4/cs

### Thermo Scientific Nalgene Fluorinated HDPE Carboy

THERMO FISHER SCIENTIFIC - This carboy is constructed of a chemical-resistant, high-density polyethylene, which makes it ideal for storing and dispensing acids and bases. The fluorinated surface inside and outside enhances long-term container performance and prevents fluid loss due to permeation. 20L carboy is rigid and translucent and has a space-saving rectangular shape. Features molded-in graduations, an attached stainless steel handle, sturdy handgrips and a Tefzel® spigot with fluorinated 100mm polypropylene screw closure. Dimensions (L x W x H): 12½ x 8¾ x 15 in.



### Thermo Scientific Nalgene Transparent Amber Square Media Packaging Bottles

THERMO FISHER SCIENTIFIC - Thermo Scientific Nalgene Square Media Bottles are manufactured from PETG and are featured with HDPE closure. Translucent amber bottles meet USP light-resistant requirements and are ideal for media, buffers and sera. The bottles can also be presterilized, saving costly prefilling bottle-cleaning steps necessary with glass bottles. PETG Media Bottles and HDPE closure materials meet current biological testing standards including USP Class VI, USP 671, and European Pharmacopeia for Abnormal Toxicity. Supplied in shrink-wrapped modules for easy handling.



Cat. No.	Mfr. No.	Description	Qty.
B7571-132	322021-0125	38-430 GPI thread finish - 125mL capacity - 24 bt/module	96/cs

### Thermo Scientific Nalgene Narrow-Mouth PETG Bottles

THERMO FISHER SCIENTIFIC - These square bottles can replace glass serum and reagent bottles for general-purpose storage. The square design saves shelf space. Bottles feature the Nalgene® leak-proof closure system, a pouring ring on the neck for drip-resistant dispensing and permanent molded-in graduations. Polyethylene terephthalate copolyester bottles (PETG) have CO<sub>2</sub>/O<sub>2</sub> barrier properties that help prevent outgassing and pH shifts. They are radiation sterilized (10<sup>-6</sup> SAL) and nonpyrogenic. Maximum use temperature is up to 70°C. The leak-proof high-density polyethylene cap has a shrink-wrapped tamper-evident band to maintain sterility. The bottles are packed in shrink-wrapped trays for easy storage and handling.



Cat. No.	Mfr. No.	Description	Qty.
B7592-125	2019-0125	125mL (4 oz.)	48/cs
B7592-500	2019-0500	500mL (16 oz.)	24/cs

### Thermo Scientific Nalgene Narrow-Mouth Square Bottles

THERMO FISHER SCIENTIFIC - These bottles can replace glass serum and reagent bottles for general-purpose storage. The square design saves shelf space. Bottles feature the Nalgene® leak-proof closure system, a pouring ring on the neck for drip-resistant dispensing and permanent, molded-in graduations.



Window-clear polycarbonate bottles are for general-purpose storage of aqueous solutions. 2,000mL bottle has molded-in handgrips for easier pouring. These autoclavable bottles can withstand temperatures from -135° to +135°C. High-density polyethylene bottles are designed for long-term storage. These nonsterile bottles withstand temperatures from -100° to +120°C. All bottles have a polypropylene screw closure.

Cat. No.	Mfr. No.	Description	Qty.
<b>Polycarbonate</b>			
B7773-125	2015-0125	125mL capacity - 38-430 closure size	6/pk, 8 pk/cs
<b>Polyethylene</b>			
B7498-1L	2018-1000	1,000mL capacity - 38-430 closure size	6/pk, 4 pk/cs

### Thermo Scientific Nalgene Wide-Mouth Bottles

THERMO FISHER SCIENTIFIC - These all-purpose round bottles have wide mouths for easy filling. They're leak-proof and durable for long-term use and their excellent chemical resistance makes them ideal for storing, shipping and packaging liquids.



High-density polyethylene (HDPE) bottles are for general use and can be used with most corrosives. They reduce UV light transmissions to protect light-sensitive contents.

Cat. No.	Mfr. No.	Description	Qty.
<b>Natural high-density polyethylene</b>			
B7537-64	2120-0005	2,000mL capacity - 100mm closure size	1/pk, 6 pk/cs
<b>Amber high-density polyethylene</b>			
B7539-125	2106-0004	125mL capacity - 38mm closure size	12/pk, 6 pk/cs

# Labware

## Bottles

### Thermo Scientific Nalgene Wide-Mouth Sample Bottles

THERMO FISHER SCIENTIFIC - Single-use sample bottles are available in natural or amber high-density polyethylene with polypropylene closures. The wide mouth is excellent for liquid or solid samples. Bulk packed bottles have preattached closure. Leak-proof.



Cat. No.	Mfr. No.	Description	Qty.
<b>Natural, lab packed</b>			
<b>B7525-2</b>	2189-0002	60mL capacity - 28mm cap size	72/cs
<b>Amber, lab packed</b>			
<b>B7525-21D</b>	DS2185-0001	30mL capacity - 28mm cap size	72/cs
<b>B7525-23D</b>	DS2185-0004	125mL capacity - 38mm cap size	72/cs

### Thermo Scientific Nalgene Wide-Mouth Square Bottles

THERMO FISHER SCIENTIFIC - Space-saving shape makes these leak-proof bottles easy to hold and store. Their wide mouth makes them easy to fill. Excellent chemical resistance to most acids, bases and alcohols. Polyethylene bottles with polypropylene screw closure.



Cat. No.	Mfr. No.	Description	Qty.
<b>B7534-2</b>	2114-0002	60mL capacity - 28mm closure size	12/pk, 6 pk/cs



### Thermo Scientific Nalgene Economy Wash Bottles

THERMO FISHER SCIENTIFIC - Wash bottles are made of low-density polyethylene with polypropylene stem and polypropylene copolymer drawtube. Tubing allows angle of stream to be aimed where needed. Molded tip dispenses uniform stream; tip may be cut back to increase flow. Supplied with polypropylene screw closure.

Cat. No.	Mfr. No.	Description	Qty.
<b>2401-0500</b>	2401-0500	500mL capacity	6/pk, 4 pk/cs



### Thermo Scientific Nalgene Right-To-Know Safety Wash Bottles

THERMO FISHER SCIENTIFIC - Nalgene® safety bottles feature chemical name, International Chemical Society (ICS) chemical formula, Chemical Abstract System (CAS) number, target organs, effects and route-of-entry information. Bottles are flexible for convenient dispensing. Closure and spout are molded into one piece for leak-proof service. Color-coded closure and drawtube are welded so they stay together. Tip can be cut back to increase flow. Bottles are made of low-density polyethylene and have a polypropylene closure. Meet requirements of OSHA Hazard Communication Standard 29 CFR Part 1910.1200 (F) (4).

Cat. No.	Mfr. No.	Description	Qty.
<b>B7701-19</b>	2425-0506	Sodium hypochlorite - 500mL bottles - 28mm closure	6/pk, 4 pk/cs



### Thermo Scientific Nalgene Unitary Wash Bottles

THERMO FISHER SCIENTIFIC - Wide-mouth low-density polyethylene bottles and tubulation are molded into one piece, eliminating the possibility of leakage. Each bottle includes a polypropylene screw closure. You can dispense the entire contents without tipping or shaking. Dispensing tip gives fine stream, or you can cut it to increase flow. Available in translucent/natural color.

Cat. No.	Mfr. No.	Description	Qty.
<b>B7896-250</b>	2402-0250	250mL capacity - 38mm cap	4/pk, 36/cs
<b>B7896-500</b>	2402-0500	500mL capacity - 38mm cap	4/pk, 24/cs

**PET Packers**

QORPAK - Amber PET packers are ideal for oil analysis and are a good alcohol and solvent barrier.



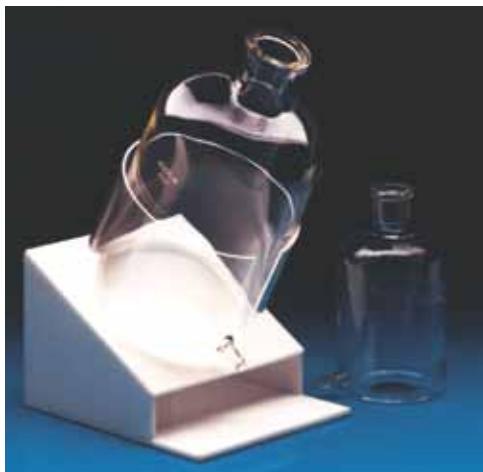
Cat. No.	Mfr. No.	Description	Qty.
PLC06592	PLC-06592	4 oz. (120mL) amber PET packer with 38-400 white PP SturdeeSeal® PE foam-lined cap attached	48/cs

**Dropping Bottles with Extended Dropper Tip and Polypropylene Cap**

WHEATON - Dropping bottles are made of LDPE (Low Density Polyethylene). Dropping bottles with tips can be used to dispense a stream of liquid or a non-controlled drop. Dropping bottles, tips and caps are packaged separately and bottles are autoclavable. Drop bottle has a cap size of 8-425.



Cat. No.	Mfr. No.	Description	Qty.
B7519-22	211620	3mL	144/cs

**Aspirator Bottle Decanter**

CARDINAL HEALTH - Researchers have been looking for a safe, stable way of extracting the last drop of prepared media from their aspirator bottles. Our aspirator bottle decanter performs that function effortlessly. Designed to keep 1 to 4L bottles from tipping or moving during drainage, the decanter features a slot for the precise placement of the aspirator's sidearm outlet. The decanter cylinder is 5 in. high with a 7 in. diameter. The unit may be placed in a refrigerator or incubator.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-117	Aspirator bottle decanter, 30° angle	10 x 8 x 9½ in.	1/ea

**Dispensette® Bottletop Dispenser Adapter**

BRANDTECH SCIENTIFIC - This adapter allows Dispensette® bottletop dispensers to fit the GL35 thread found on CareFusion saline bottles used with Biomerieux-Vitek systems.

Cat. No.	Mfr. No.	Description	Qty.
P4000-156A	704431	Bottle thread adapter	1/ea

**Dispensette® III Bottle-Top Dispensers**

BRANDTECH SCIENTIFIC - Dispensette® III dispensers are constructed from high-grade, chemically-resistant materials, making them ideal for one-handed dispensing of many bases, solvents, acids (excluding hydrofluoric acid) and saline solutions. Their floating piston design means there are no piston seals to wear and replace.



Easy Calibration™ dispensers provide easy-to-read volume with a mechanical digital display so calibration adjustments can be made in seconds without tools. Analog-adjustable dispensers have an analog slide for quick volume adjustment. Analog-adjustable models can be easily calibrated with the supplied tool. A positive indicator automatically displays adjustment from factory settings.

All models can be easily disassembled for cleaning and are autoclavable at 250°F (121°C). Dispensette® III dispensers feature a SafetyPrime™ valve that reduces the risk of splashes and permits recirculation during priming to avoid reagent waste. Dispenser P4000-55 does not include the SafetyPrime™ valve. An integrated safety discharge system reduces the risk of inadvertent dispensing if the discharge tube is improperly installed or missing. Dispensers are supplied with performance certificate, operating manual, discharge tube, telescopic filling tube, valve mounting/calibration tool and a selection of polypropylene adapters.

**Specifications:**

Max. vapor pressure.....	500 millibar
Max. viscosity.....	500mm²/s
Max. temperature.....	40°C
Max. density .....	2.2g/cm³

Cat. No.	Mfr. No.	Description	Qty.
<b>Easy Calibration™ digital dispensers with SafetyPrime™ valve</b>			
P4000-42	4701331	0.5 to 5mL	1/ea
<b>Analog-adjustable dispensers with SafetyPrime™ valve</b>			
P4000-32	4701131	0.5 to 5mL	1/ea
P4000-33	4701141	1 to 10mL	1/ea
<b>Analog-adjustable dispenser without SafetyPrime™ valve</b>			
P4000-55	4701130	0.5 to 5mL	1/ea

# Labware

## Bottle Accessories/Spray Bottles



### Green PTFE-Lined Bottle Caps

QORPAK - These green PTFE-lined thermoset closures provide a wide range of chemical compatibility. They have a polyethylene foam backing that gives resilience for superior sealing. Autoclaving is not recommended.

Cat. No.	Mfr. No.	Description	Qty.
<b>B7503-2</b>	CAP-00548	15-425 cap size green ribbed thermoset cap with F217 and PTFE Liner	100/pk, 5 pk/cs
<b>B7503-5</b>	CAP-00554	22-400 cap size green thermoset cap with F217 and PTFE liner	100/pk, 5 pk/cs

### Thermo Scientific Nalgene Polypropylene Quick-Action Spigot

THERMO FISHER SCIENTIFIC - Use this standard replacement spigot to dispense liquids from Nalgene® bottles and carboys with 1½ in. spigot bars. The spigot comes with an LDPE tubing adapter that accommodates ¼ in. or ⅜ in. I.D. tubing.



Cat. No.	Mfr. No.	Description	Qty.
<b>B7564-90</b>	6422-0010	Nalgene® polypropylene quick-action spigot	12/cs

### Thermo Scientific Nalgene Tefzel ETFE Spigot

THERMO FISHER SCIENTIFIC - The Tefzel® ethylene tetrafluoroethylene (ETFE) quick-action spigot is used to dispense liquids from Nalgene® bottles and carboys. The spigot is interchangeable with the spigot on Nalgene® bottles and carboys. It is ideal for use with selected solvents and other chemicals where a polypropylene spigot would be unsatisfactory. Tubulation outlet takes ⅜ in. tubing.



Cat. No.	Mfr. No.	Description	Qty.
<b>B7564-91</b>	6432-0010	Nalgene® Tefzel® ETFE spigot	2/cs

### Tear-Cap Aluminum Seal

WHEATON - The tamper-evident closure on this seal helps to promote user safety. You can use the seal for center tear-off and complete tear-off applications. Apply pressure with your thumb to the red plastic top and it will flip off easily, exposing the aluminum center hole and pull ring. Access the contents by syringe or tear the seal off completely by pulling on the center tear ring. Seal can be used with serum bottles and vials that have a 20mm O.D. crimp finish.



Cat. No.	Mfr. No.	Description	Qty.
<b>B7519-160</b>	224208	Tear-cap aluminum seal	1,000/cs

### Unlined Aluminum Seals

WHEATON - These unlined aluminum seals have a 13mm (O.D.) mouth and are available in a variety of colors. Seals are ideal for filling or retrieving contents with a syringe and as closures for many instrumentation applications. Tear-off seals allow either partial removal of the seal to provide access for puncturing the stopper (available separately) or complete removal of the seal to allow removal of the stopper and pour contents from the bottle.



Cat. No.	Mfr. No.	Description	Qty.
<b>B7764-30</b>	224192-01	Natural	1,000/cs
<b>B7825-1071</b>	224192-05	Blue	1,000/cs
<b>B7825-1073</b>	224192-07	Green	1,000/cs
<b>B7825-1072</b>	224192-06	Red	1,000/cs

### Adjustable Spray Wash Bottle

CARDINAL HEALTH - Use our wash bottle to rinse glassware, wash filters or for a variety of other applications. The bottle is made of chemical-resistant, high-density polyethylene and features an adjustable polypropylene pump-trigger sprayer designed for one-handed operation. Its double-headed design with convenient side-fill opening helps maintain the purity of solutions. It also makes refilling of the bottle easy by eliminating the removal of a dripping pump and allowing refilling in only a few seconds through a separate opening. Ideal for hot, cold, aqueous and solvent-based solutions, the bottle may be gas or chemically sterilized or may be cleaned in a lab dishwasher. 1,000mL size.



Cat. No.	Description	Qty.
<b>B2505</b>	Adjustable spray wash bottle	1/ea

## Spray Bottles/Cell Scraper/Cylinders and Graduates

### Spray Bottles

QORPAK - These high-density polyethylene bottles feature a trigger sprayer that adjusts from fine mist to jet stream.



Cat. No.	Mfr. No.	Description	Qty.
B7548-60	PLC-03431	16 oz. (480mL) natural HDPE cylinder with 28-400 white PP trigger sprayer attached	6/cs



### Corning® Scrapers

CORNING - Individually-wrapped and sterile, these disposable devices are useful for harvesting cells. Their blade design minimizes cell damage and helps ensure even contact with the growth surface.

Cat. No.	Mfr. No.	Description	Qty.
CC3010	3010	1.8cm blade, 25cm handle	100/cs

### Thermo Scientific Nalgene Polymethylpentene Graduated Cylinders

THERMO FISHER SCIENTIFIC - These precision-molded graduated cylinders are calibrated to contain and to deliver at 20°C. The liquid level is easy to read because there is no meniscus. A blue octagonal polypropylene base provides stability. These cylinders can be chemically sterilized or autoclaved (autoclaving may affect accuracy). Polymethylpentene cylinders are transparent. Meet ASTM Specification E1272, Class B requirements and all requirements of ISO Standard 6706.



#### Specification

Capacity ..... 100mL  
 Subdivisions ..... 1mL  
 Diameter ..... 30mm  
 Height ..... 25.3mm  
 Limit of error ..... ±1.0 mL

Cat. No.	Mfr. No.	Description	Qty.
C9076-100	3663-0100	Polymethylpentene cylinders	12/cs



### Triangular Graduates

MEDICAL ACTION INDUSTRIES - These disposable graduates have large, easy-to-read graduations to 32 oz. and 1,000cc. They feature a frosted panel on one side for patient information and a rolled lip to help prevent dripping.

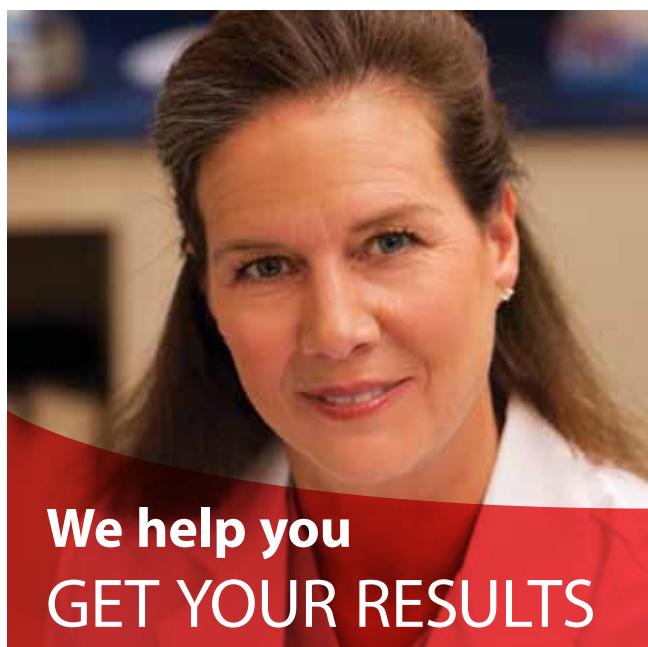
Cat. No.	Mfr. No.	Description	Qty.
H971-01	H971-01	Translucent polypropylene	200/cs

### Plasti-Grad Disposable Graduate

PLASTI PRODUCTS - Measure fluids accurately and conveniently with this disposable graduate, which is made of sturdy, heavy-wall polypropylene to minimize worry about cracks or leaks. The triangle shape allows easy pouring from any corner. Features large 1,200mL (40 oz.) capacity and black numbered graduations in both mL and oz. 200 graduates per case.



Cat. No.	Mfr. No.	Description	Qty.
PA1150	PA1150	Disposable graduate	200/cs



We help you  
GET YOUR RESULTS

# Labware

## Flasks



### Flask Holders

**CARDINAL HEALTH** - Use our flask holders to keep 1L and 250, 125 and 50mL vacuum flasks from moving or tipping. Each base has a cylinder for the flask and a squared holder. Rubber feet keep the base from sliding on the bench top.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-113	50mL	2 in. diameter, 2½ x 4 x 4 in.	1/ea
S1389-114	125mL	2¾ in. diameter, 2¾ x 5 x 5 in.	1/ea
S1389-115	250mL	3¼ in. diameter, 4½ x 5 x 5 in.	1/ea
S1389-116	1L	5½ in. diameter, 5½ x 10 x 10 in.	1/ea

### Corning® Disposable Erlenmeyer Flasks

**CORNING** - These sterile disposable Erlenmeyer flasks are made from optically clear polycarbonate. They are designed for use as culture flasks or storage vessels and are ideal for shaker culture applications. The polypropylene seal cap can be opened for gas exchange or closed for tight liquid seal. Flasks are individually-wrapped.



Cat. No.	Mfr. No.	Description	Qty.
T4175-125	430421	125mL	50/cs

## Pricing

Please call your sales or customer service representative to check up-to-the-minute pricing and availability.



### Corning® Sterile Disposable Tissue Culture Flasks

**CORNING** - Tissue culture flasks are made of optically clear polystyrene with a flat, distortion-free surface, large neck opening and leak-tight seams and cap. Specially treated surfaces provide optimum cell attachment and growth. Flasks have standard tissue culture surface treatment and a negatively charged hydrophilic surface that provides for good cell attachment and growth. Plug seal caps are orange and are recommended for use in closed systems or open systems. Phenolic-style caps are black and are recommended for use in open systems. All canted neck flasks feature graduations on both sides of the flask for improved fluid measurement, rounded corners on the tip-resistant skirt and a ribbed support bar on the top panel to strengthen the flask and minimize bowing. Flasks are certified non-pyrogenic. Flask CC3275 has a modified triangular design. Note that Corning recommends 0.2 to 0.3mL of media per cm<sup>2</sup> of growth area.

Cat. No.	Mfr. No.	Description	Qty.
<b>Canted neck</b>			
T4160-25	430168	25cm <sup>2</sup> , plug seal cap	500/cs
T4160-25A	430372	25cm <sup>2</sup> , phenolic-style cap	500/cs
T4160-75AA	430720	75cm <sup>2</sup> , plug seal cap	100/cs
<b>Straight neck</b>			
CC3275	3275	75cm <sup>2</sup> , phenolic-style cap	100/cs
<b>Angled neck</b>			
CC3055	3055	25cm <sup>2</sup> , phenolic-style cap	500/cs

### Corning® Vent Cap Flasks

**CORNING** - The caps on these flasks contain a 0.2μ hydrophobic filter that allows gas exchange while minimizing the chance of contamination. Treated for optimum cell attachment, the flasks are supplied sterile and are non-pyrogenic.



Cat. No.	Mfr. No.	Description	Qty.
T4160-130	430639	25cm <sup>2</sup> with canted neck	200/cs

**Costar® Cell Culture Flasks**

CORNING - Constructed of clear polystyrene, this flask is treated for optimal cell attachment. It features a printed lot number for ease of traceability and is certified non-pyrogenic. This flask has a canted neck with a vent-style cap. Vent-style caps contain a 0.2µ hydrophobic membrane, providing consistent gas exchange while minimizing the risk of contamination.



Cat. No.	Mfr. No.	Description	Qty.
CC3001	3001	255cm <sup>2</sup>	24/cs

**BD Falcon™ Tissue Culture Flasks**

BD - BD Falcon™ tissue culture flasks are plasma-treated tissue culture flasks, which are made of high-quality polystyrene for optical clarity and distortion-free examination. The vacuum-gas plasma treatment ensures a consistent growth surface. This provides optimum cell attachment and maximum yield. Canted-neck and straight-neck flasks are supplied in either a vented screw cap with a 0.2µm microporous hydrophobic membrane filter to ensure consistent gas exchange; or plug-seal caps, for use in open or closed incubation. All flasks feature a frosted writing area to make labeling fast and easy. Graduations are easy to read in a hood. Flasks are sterilized by gamma irradiation and are nonpyrogenic.

Cat. No.	Mfr. No.	Description	Qty.
<b>Canted neck with plug-seal cap</b>			
T4162-5	353018	25mL	100/cs
T4162-288	353014	50mL	200/cs
T4162-125S	353082	70mL	200/cs

**BD Falcon™ Vented Tissue Culture Flasks**

BD - These flasks help prevent contamination of both the culture and culturist while providing consistency in gas exchange. A 0.2µm microporous membrane filter is built into a standard BD Falcon™ plug-seal screw cap. The membrane filter will not wet out. Gases pass freely through the nonwetting vent, but bacteria and spores do not. The flasks are made of tissue-culture-treated, crystal-grade polystyrene. They are sterilized by gamma irradiation and are nonpyrogenic.



Cat. No.	Mfr. No.	Description	Qty.
<b>Canted neck</b>			
T4162-6	353107	25mL	100/cs
T4163-1	353108	50mL	100/cs
T4163-2	353109	70mL	100/cs
T4163-4A	353136	250mL	60/cs

**BD Primaria™ Cell Culture Flasks**

BD - These cell culture flasks have surface-modified polystyrene for enhanced cell culture. They have a specially treated surface that has been successfully used to grow a variety of cells that attached to or grew poorly on conventional, negatively charged surfaces. The BD Primaria™ surface is modified by a proprietary vacuum gas plasma treatment process to include amines. This improves attachment, spreading and growth of many tumor cells, primary cells or cell lines. Flasks are gamma irradiated for sterility, nonpyrogenic and ready to use.



Cat. No.	Mfr. No.	Description	Qty.
T4140-50	353813	50mL flask with canted neck - plug-seal cap	200/cs

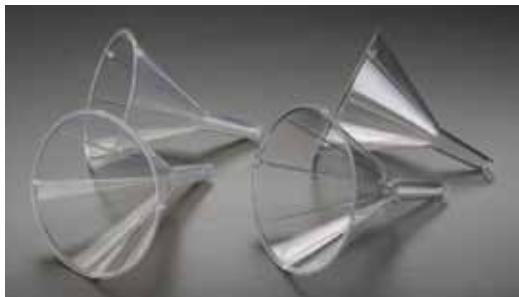
**Thermo Scientific Nunc ChamberSlide Systems Slide Flask**

THERMO FISHER SCIENTIFIC - This 9cm<sup>2</sup> flask offers you the advantage of a culture vessel that is sonically welded to a microscope slide. This design allows the upper structure to be easily removed and permits staining and subsequent microscopy of the slide. The flask is sterile and resistant to pressure leaks and has a polystyrene slide with the Nunclon® surface treatment to aid cell attachment. Ideal for cell karyotyping using single cell autoradiography or single cell immunofluorescence. Working volume is 2.5 to 5mL.

Cat. No.	Mfr. No.	Description	Qty.
T4136-15	170920	Flask	50/cs

# Labware

## Funnels/Glass Beads/Jars



### Disposable Funnels

SIMPORT PLASTICS - These funnels are tapered at a 60° angle with inside fluting. They are available in either polystyrene or polypropylene and have a 4.3mm stem opening.

#### Specifications:

##### T1332-8 and T1332-9

Height ..... 69mm  
Stem length ..... 25mm

##### T1332-1

Height ..... 78mm  
Stem length ..... 30mm

Cat. No.	Mfr. No.	Description	Qty.
T1332-8	F490-1	Polystyrene - top I.D. 55mm	100/cs
T1332-9	F490-3	Polypropylene - top I.D. 55mm	100/cs
T1332-1	F490-4	Polypropylene - top I.D. 65mm	100/cs

### Thermo Scientific Nalgene Analytical Polypropylene Funnels

THERMO FISHER SCIENTIFIC - Use these funnels for analytical chemistry. They accept standard-size filter paper. Each funnel has high tensile strength, rigidity and temperature resistance. Cones are exactly 60° with 58° inner ribbing for rapid filtration. The outer ribbing permits air release when used directly on container. Autoclavable.



Cat. No.	Mfr. No.	Description	Qty.
F7455-4	4250-0075	77mm top I.D. - 80mm stem length	6/pk, 6 pk/cs

### Solid Glass Beads

CARDINAL HEALTH - Our solid glass beads are for packing columns, reducing splashing in boiling solutions and increasing surface area in gas absorption and similar procedures. Beads may be used in contact with delicate and expensive compounds while reducing the danger of injury from reaction with glass.



Cat. No.	Dia. (mm)	Approx. No. of Beads/lb.	Qty.
G6000-1	3	12,000	1/ea
G6000-4	6	1,500	1/ea



### Polypropylene Jars

QORPAK - These autoclavable polypropylene jars are ideal for storing powders/solids. Jar bottle and cap withstand temperatures up to 125°C. Caps are unlined.

Cat. No.	Mfr. No.	Description	Qty.
B7549-16A	PLC-03704	8 oz. (240mL) natural PP jar with 89-400 white PP unlined cap attached	12/pk, 3 pk/cs
B7549-18	PLC-03717	16 oz. (480mL) natural PP jar with 89-400 white PP unlined cap attached	6/pk, 4 pk/cs
B7549-19	PLC-03720	32 oz. (950mL) natural PP jar with 120-400 white PP unlined cap attached	6/pk, 4 pk/cs



### Polystyrene Jars

QORPAK - These wide-mouth, straight-sided jars are made of clear polystyrene with a polypropylene cap that is shatter-resistant.

Cat. No.	Mfr. No.	Description	Qty.
B7550-4	PLC-03726	4 oz. (120mL) clear PS jar with 58-400 white PP SturdeeSeal® PE foam-lined cap attached	12/pk, 3 pk/cs



### Thermo Scientific Nalgene Straight-Sided Wide-Mouth Jars

THERMO FISHER SCIENTIFIC - Use these jars for collecting and storing pastes, solids, specimens or miscellaneous laboratory supplies. The jars have a wide mouth and sturdy, uniform walls with no shoulders to trap materials. Each jar is equipped with a linerless polypropylene screw closure. Closure on 250mL size fits Osterizer® blenders and other blenders with Mason jar threads and accepts Mason jar closures. Jars are chemical-resistant and autoclavable—completely disengage threads or remove closure before autoclaving. Polymethylpentene jars offer clarity with good chemical resistance. Polypropylene jars are translucent with excellent chemical resistance. Polycarbonate jars are clear with high-impact resistance. They are excellent for cold room or refrigerated use.

Cat. No.	Mfr. No.	Description	Qty.
<b>Polymethylpentene jars</b>			
<b>B7569-1L</b>	2117-1000	1,000mL capacity - 120mm closure size	4/pk, 4 pk/cs
<b>Polypropylene jars</b>			
<b>B7570-1</b>	2118-0001	30mL capacity - 43mm closure size	12/pk, 6 pk/cs
<b>B7570-16</b>	2118-0016	500mL capacity - 120mm closure size	6/pk, 4 pk/cs
<b>B7570-32</b>	2118-0032	1,000mL capacity - 120mm closure size	6/pk, 4 pk/cs
<b>Polycarbonate jars</b>			
<b>2116-0250</b>	2116-0250	250mL capacity - 70mm closure size	4/pk, 6 pk/cs



### Corning® Disposable Sterile Tissue Culture Dishes

CORNING - Optically clear polystyrene dishes have a treated surface for optimum cell attachment and growth. Dishes have a stacking bead to aid in handling. Dishes are radiation sterilized and certified non-pyrogenic. They have a standard tissue culture treated surface, which helps to improve cell attachment under difficult conditions.

Cat. No.	Mfr. No.	Description	Qty.
<b>Round dishes</b>			
<b>T4150-1</b>	430165	35 x 10mm	500/cs
<b>T4150-3</b>	430167	100 x 20mm	500/cs
<b>T4150-6</b>	430599	150 x 25mm	60/cs



### BD Falcon™ Bacteriological Petri Dishes

BD - This bacteriological petri dish is nontreated polystyrene and sterile. They feature durable construction for stable dish manipulation and are made of high-quality polystyrene for optical clarity. The design of 35mm dish makes it easy to manipulate and handle.

Cat. No.	Mfr. No.	Description	Qty.
<b>351008</b>	351008	35 x 10mm	25/cs
<b>D1990-2</b>	351007	60 x 15mm style	25/cs
<b>D1990-4</b>	351029	100 x 15mm style	25/cs
<b>D1990-25</b>	351058	150 x 15mm style	10/cs

### BD Falcon™ Center-well In Vitro Fertilization (IVF) Dish



BD - These dishes are non-embryotoxic, non-cytotoxic, tissue culture-treated polystyrene. They are made from virgin crystal-grade polystyrene and provide an optically clear, flat viewing surface during routine observation and manipulation. Well area is 1.39cm<sup>2</sup>. Plasticware is manufactured in accordance with current good manufacturing practices. CE marked by conformance to the European Medical Device Directive.

Cat. No.	Mfr. No.	Description	Qty.
<b>T4153-22</b>	353653	Center-well dish 60 x 15mm	500/cs

### BD Falcon™ Center-well Organ Culture Dish



BD - This tissue-culture treated polystyrene dish includes a center-well and is designed for use in membrane diffusion and organ culture techniques, such as oocyte and insemination studies. A distortion-free surface enhances viewing. The dish is sterilized by gamma irradiation, nonpyrogenic and measures 54.84mm O.D. x 13.56mm. The growth area in the well is 2.89cm<sup>2</sup>.

Cat. No.	Mfr. No.	Description	Qty.
<b>T4154-2</b>	353037	TC organ style with center-well dish 60 x 15mm	500/cs

# Labware

## Petri Dishes

### BD Falcon™ Non-TC Petri Dish

BD - This 50 x 9mm bacteriological petri dish with tight-fit lid is nontreated polystyrene and sterile. It is suitable for classroom studies, culturing of mycobacteria, aerosol testing, and membrane filter and immunodiffusion techniques. Its tight lid helps prevent sample dehydration. Sterilized by gamma irradiation, the dish's actual dimensions (O.D. x Ht.) are 50.25 x 8.26mm.



Cat. No.	Mfr. No.	Description	Qty.
D1990-1A	351006	50 x 9mm-style dish with lid	500/cs



### BD Falcon™ Tissue Culture Dishes

BD - These dishes feature tissue-culture treated polystyrene and flat, distortion-free optics and lids designed for optimal gas exchange. Uniform surface chemistry and cell attachment are created by reliable vacuum-gas plasma treatment. All dishes include stacking rings for easy handling and reduced abrasion. Dishes are sterilized by gamma irradiation and are nonpyrogenic.

Cat. No.	Mfr. No.	Description	Qty.
<b>Dishes</b>			
T4155-2	353002	60 x 15mm style	500/cs
T4155-3A	353003	100 x 20mm style	200/cs
<b>Easy-grip dishes</b>			
T4155-1	353001	35 x 10mm style	500/cs



### Petri Dishes

MEDICAL ACTION INDUSTRIES - These petri dishes are available in a variety of shapes and sizes for use in routine procedures and with automated equipment. The optically clear dishes are precision molded from polystyrene, so cultures are clearly visible without distortion. Stackable lids are flared for easy handling. Three breathing lugs on the inside cover allow free circulation of air in the incubator. All dishes are packaged in polyethylene or polypropylene sleeves and are radiation sterilized. Dish D1906 is packaged 20 dishes per sleeve while dish D1906-2 comes with 25 dishes per sleeve.

Cat. No.	Mfr. No.	Description	Qty.
D1905	PD1905-500S	Standard 100 x 15mm round, with stacking ring	100/cs
D1906-1	PD1906-500S	Standard 100 x 15mm round, without stacking ring	100/cs
D1906	PD1906-500S	Standard 100 x 15mm round, without stacking ring	100/cs
D1906-2	PD1906-500S	Standard 100 x 15mm round, without stacking ring	500/cs
D1924-1	PD1924-500S	Quad-petri, 100 x 15mm round	500/cs
D1926-1	PD1926-500S	Tri-petri, 100 x 15mm round	500/cs
D1931-1	PD1937-100S	Bi-petri, 100 x 15mm round	500/cs
D1937	PD1937-100S	Kirby-Bauer, 150 x 15mm round	100/cs

### Square Petri Dish with Grid

SIMPORT PLASTICS - Commonly referred to as a 100 x 15mm dish. Free from optical distortion and is sterile. These dishes are ideal for phage typing, susceptibility testing, plate counts and probe assays. Each 13mm grid is marked numerically in one direction and alphabetically in the other. This dish has four venting ribs into the underside of the lid to prevent condensation build-up. 10 per sleeve.



Cat. No.	Mfr. No.	Description	Qty.
D1980-16A	D210-16	90 x 15mm - 110mL volume	500/cs

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Search by keyword, product category, material number  
or manufacturer name.

## Petri Dishes/Petri Dish Racks

**Sterile Petri Dish**

SIMPORT PLASTICS - Designed for use in routine procedures and with automated equipment. Economical, optically clear dishes are precision-molded from biomedical grade polystyrene so cultures are clearly visible without distortion. Dishes are packaged in heavy-wall polyethylene sleeves. Not for tissue culture application. D1980-2A is commonly referred to as a 60mL x 15mm dish. It is for use whenever a small quantity of culture is desirable. For unimpaired observation of specimen growth with raised straight edge around top for stable stacking. This dish has three venting ribs on the edge of the dish to prevent condensation build-up. 20 per sleeve.

Cat. No.	Mfr. No.	Description	Qty.
D1980-2A	D210-13	55 x 13mm - 28mL volume	500/cs

**Thermo Scientific Nunclon Dishes**

THERMO FISHER SCIENTIFIC - You can use these polystyrene, radiation-sterilized dishes for efficient cell growth, harvesting and cloning. Because these dishes are of high optical quality, they provide clear and consistent viewing where microscopic examination is required. All dishes have top and bottom stacking rings for convenient handling and stacking ability. Air vent allows gas exchange. Designed for effective scale up to larger dishes, flasks or Cell Factories T4136-22 through -26.



Cat. No.	Mfr. No.	Description	Qty.
T4136-77	153066	35 x 10mm - 33mm bottom I.D. - 8.8cm <sup>2</sup> culture area	500/cs

**Thermo Scientific Nunclon Multidishes**

THERMO FISHER SCIENTIFIC - When you need to scale up cultures or perform toxicity testing or other replica studies, you can use these multidishes in four well configurations. Ideal for use with TC inserts or coverslips. The round multidish is surface treated for optimal cell attachment, spreading and growth. Vented lids allow gas exchange and are keyed for a one-way fit.

Cat. No.	Mfr. No.	Description	Qty.
T4136-107	176740	66 x 66mm plate size - 0.4 to 1mL working volume - 1.9cm <sup>2</sup> culture area	120/cs

**Petri Dish Racks and Dispensers**

CARDINAL HEALTH - Stack, store or transport empty or prepared petri dishes. These are designed to hold 60mm or 100mm dishes and are capable of holding up to 136 dishes. Two styles are available: cylinder style and square style. Dishes are easily removable through dispensing slot at base. Not autoclavable.

Cat. No.	Description	No. Dishes/Size	Dimensions (H x W x D) in.	Qty.
<b>Racks</b>				
S1389-46	Cylinder style	13/100mm	8 1/4 x 4 1/4 x 4 1/4	1/ea
S1389-42	Cylinder style	22/100mm	9 3/4 x 9 x 4 1/2	1/ea
S1389-44	Cylinder style	64/60mm	7 1/4 x 12 1/4 x 6	1/ea
S1389-43	Cylinder style	66/100mm	9 3/4 x 13 x 9 1/4	1/ea
S1389-45	Cylinder style	136/60mm	12 x 12 1/4 x 6	1/ea
S1389-245	Square style	22/100mm	9 3/4 x 9 x 4 1/2	1/ea
S1389-247	Square style	64/60mm	7 1/4 x 12 1/4 x 6	1/ea
S1389-246	Square style	66/100mm	9 3/4 x 13 x 9 1/4	1/ea
S1389-248	Square style	136/60mm	12 x 12 1/4 x 6	1/ea
<b>Dispensers</b>				
S1389-167	Cylinder, wall mount	22/100mm	8 1/4 x 8 3/4 x 4 1/2	1/ea
S1389-168	Cylinder, wall mount	44/100mm	16 1/2 x 8 3/4 x 4 1/2	1/ea
S1389-249	Square style	13/100mm	8 1/4 x 4 1/4 x 4 1/4	1/ea
S1389-250	Square style	22/100mm	8 1/4 x 8 3/4 x 4 1/2	1/ea
S1389-251	Square style	44/100mm	16 1/2 x 8 3/4 x 4 1/2	1/ea

# Labware

## Petri Dish Racks/Plates

### Petri Dish Holder

BOEKEL - This holder keeps petri dishes stacked and within reach on your benchtop. The stainless steel holder accommodates fifteen 100 x 10mm or ten 100 x 15mm petri dishes. Holder is 9 in. tall with a 4½ in. diameter.



Cat. No.	Mfr. No.	Description	Qty.
D2101-2	1370S2	Petri dish holder	1/ea

### BD Falcon™ Assay Plates

BD - These 96-well rigid polystyrene assay plates feature an alphanumeric notation system for easy well identification. Ridges on plates and lid (available separately) permit stable stacking to save benchtop and incubator space.



Cat. No.	Mfr. No.	Description	Qty.
T4130-32	353910	Nonsterile, round bottom plates	1/ea



### Thermo Scientific Nalgene Petri Dish Racks

THERMO FISHER SCIENTIFIC - These acrylic frame racks with polycarbonate posts provide full side visibility for checking culture during incubation. They are useful in all phases of culture investigation: media preparation, inoculation, incubation, storage and transport. The racks are lightweight, easy-to-load and provide safe transport. Designed to fit either plastic or glass dishes. Supplied unassembled.

Cat. No.	Mfr. No.	Description	Qty.
D2120-3	5920-0060	60 (100mm) capacity	2/cs



### 96-Well Assay Plates

CORNING - These microtitration plates are ideal for solution-based assays such as serial dilutions, hemagglutination or precipitation assays. All plates are clear.

Cat. No.	Mfr. No.	Description	Qty.
<b>Plates with round well</b>			
CC3795	3795	Styrene, sterile	100/cs
CC3798	3798	Styrene, nonsterile	100/cs
CC3365	3365	Polypropylene	100/cs

### BD Falcon™ Microtest 96-Well Tissue Culture Plates

BD - These clear polystyrene tissue culture plates have a low-evaporation lid and 96 wells. The raised lid rib with individual rings above the wells significantly reduces the chance of cross contamination and aids proper venting. The plate and lid are compatible with automatic dispensing instruments. Growth area per well is 0.32cm<sup>2</sup>. Plate is sterilized by gamma irradiation and is nonpyrogenic.

Cat. No.	Mfr. No.	Description	Qty.
T4131-1A	353072	Individually-wrapped plate with flat bottom and lid	50/cs

### Thermo Scientific Nunc MicroWell Conical Well Polypropylene 96-Well Plate

THERMO FISHER SCIENTIFIC - This plate is ideal for a variety of applications, including compound storage, liquid phase assays, screening, combinatorial chemistry and sample collection, transport and storage. The plate is compatible with robotics and automation. Constructed of natural-colored polypropylene, it is heat-resistant to a wide range of temperatures with minimal binding properties and is resistant to most chemicals, solvents and alcohols. It features conical-shaped well bottoms with a volume of 0.3mL. Dimensions: 85 x 127mm.



Cat. No.	Mfr. No.	Description	Qty.
T4136-218	442587	Polypropylene 96-well plate	60/cs



### Thermo Scientific Nunc Immuno Plates

THERMO FISHER SCIENTIFIC - You can use these polystyrene plates for quantitative solid phase immunoassays. The MaxiSorp™ surface has a high affinity to molecules of more hydrophilic character and is excellent for the binding of various proteins, including antibodies. You can choose the MaxiSorp™ plates when you need to achieve high sensitivity. Plates fit standard reading equipment.

Cat. No.	Mfr. No.	Description	Qty.
<b>T4136-229</b>	449824	Round well bottom shape	60/cs



### Thermo Scientific Nunc Immuno 96-Well Plate

THERMO FISHER SCIENTIFIC - These complete clear plates with frames are composed of individual modules consisting of either 8 or 12 wells and are designed specifically for quantitative immunoassays and solid phase assays. Choose from two different surfaces for passive coating of biomolecules. MaxiSorp™ plates are optimized for the binding of IgG and bind small to large proteins and peptides with mixed hydrophobic/hydrophilic regions. PolySorp® plates feature a hydrophobic surface for the immobilization of hydrophobic biomolecules such as lipids and hydrophobic proteins (e.g., lipoproteins). Available in flat well bottoms. Capacity for flat well is 0.40mL.

Cat. No.	Mfr. No.	Description	Qty.
<b>Framed Immuno modules with MaxiSorp™ surface</b>			
<b>T4136-241</b>	468667	Flat well bottom shape - 8 x 12 wells	60/cs
<b>Framed Immuno modules with Polysorp® surface</b>			
<b>T4136-242</b>	469078	Flat well bottom shape - 8 wells	60/cs

### Thermo Scientific Nunc Sealing Tapes

THERMO FISHER SCIENTIFIC - These tapes provide an effective seal on Nunc™ MicroWell™ plates made of polystyrene, polypropylene and polycarbonate. They are compatible with aqueous solutions as well as any organic solvents noted in descriptions.



Sealing tapes help to minimize evaporation and well-to-well cross-contamination. Easy-to-handle delivery system. Provided with removable tabs. Acrylic Sealing Tape T4136-52A is not pierceable by pipette.

Cat. No.	Mfr. No.	Description	Qty.
<b>T4136-52A</b>	236366	Clear sealing tape with acrylic adhesive	200/pk, 4 pk/cs

### UNIPLATE™ 96-Well Collection Plates

WHATMAN - The 96-well format UNIPLATE™ with 'V' bottom is ideal for applications with small sample volumes. The vertical sides of the well, combined with the 'V' design at the base of each well, ensure that all the material runs down the side walls and is channeled into the well base. The 'V' bottom ensures maximum sample recovery – typically approximately 99% liquid sample recovery is attained.

Cat. No.	Mfr. No.	Description	Qty.
<b>F2879-329</b>	7701-3250	96-well collection plate	50/pk



### Calculi Strainer

CARDINAL HEALTH - Our calculi strainer features a fine mesh screen to filter kidney stones and other foreign matter quickly and easily without clogging. The strainer fits securely onto any 24-hour specimen container and has a built-in tab for easier, more sanitary handling. The single-patient-use strainer's durable construction allows it to be rinsed and reused on the same patient.

Cat. No.	Description	Qty.
<b>3T4185</b>	Strainer	25/bg

### Calculi Strainer

COVIDIEN - Strainer is designed to fit into 24-hour specimen collection container U3031-51, graduated pitchers and most other laboratory containers. The durable, all-plastic construction efficiently filters specimens and is strong enough to use for several days, yet the strainer is inexpensive enough to be thrown away.



Cat. No.	Mfr. No.	Description	Qty.
<b>U3031-50</b>	2110SA	Calculi strainer	100/cs

# Labware

## Strainers/Trays

### Calculi Strainer

MEDICAL ACTION INDUSTRIES - This fine-mesh strainer filters stones and other foreign matter quickly and easily. It fits securely onto 24-hour specimen containers and has a built-in ridge that facilitates application and removal.



### BD Falcon™ Nylon Mesh Cell Strainers

BD - Obtain a more uniform single-cell suspension with these easy-to-use cell strainers, which are convenient alternatives to gauze filtration. Simply peel open the package, place the strainer on top of a BD Falcon™ 50mL conical tube or similarly sized tube, and add the cell suspension. Three nylon mesh sizes help ensure consistent, pure separations. The strainers come presterilized by gamma irradiation and are individually-wrapped in medical-grade packaging, so you won't need to autoclave them. Strainer T1343-10 is a special, sterile strainer for cell sorting devices. The 35 $\mu$  nylon mesh is an integral part of the cap to a 12 x 75mm, 5mL tube that is used to collect the dissociated sample for downstream processing in instruments such as the BD FACS™ system. This BD Falcon™ companion tube is included with T1343-10.



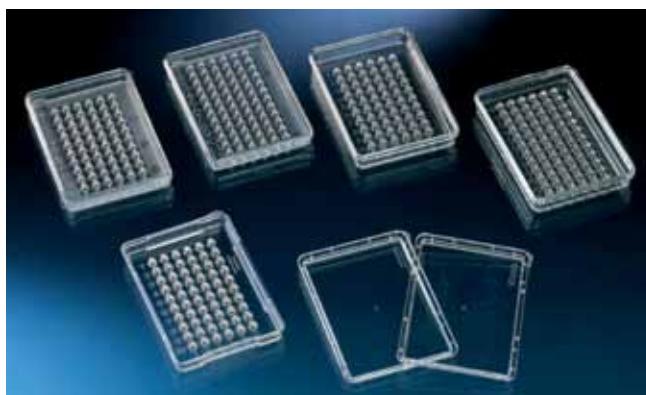
Cat. No.	Mfr. No.	Description	Qty.
<b>Sterile</b>			
<b>C3977-6</b>	352340	Blue, 40 $\mu$	50/cs
<b>C3977-15</b>	352350	White, 70 $\mu$	50/cs
<b>C3977-7</b>	352360	Yellow, 100 $\mu$	50/cs
<b>Nonsterile</b>			
<b>T1343-10</b>	352235	Blue, 35 $\mu$ - 5mL round bottom tube w/cell strainer cap	500/cs



### Tissue Culture Trays

CARDINAL HEALTH - Our tray holds tissue culture dishes and flasks during storage, transport or incubation. It is able to support fourteen 100mm dishes or four 250mL flasks. Six slots on the bottom will allow air flow when used in an incubator. A recessed bottom plate makes trays stackable for secure transport and storage.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
<b>S1389-41</b>	Tissue culture tray	2 x 7½ x 15¾ in.	1/ea



### Thermo Scientific Nunc™ MicroWell® Mini Trays

THERMO FISHER SCIENTIFIC - These Nunc™ MicroWell® mini trays are treated for optimum reagent mixing and are ideal for tissue typing. Shaking is unnecessary, even for previously frozen, prepared plates. Since the surface has only limited affinity for protein, a high concentration of antibody remains available for reaction. These polystyrene plates have inverted, truncated, cone-shaped wells and a working volume of 10 $\mu$ L. Plates with lids stack easily to conserve space and are available in either a high-profile design or a popular low-profile design, which can be stored more efficiently in freezers and incubators. The well spacing is standard and fits current dispensers and microscopes. Alphanumeric coordinates provide easy well identification.

Cat. No.	Mfr. No.	Description	Qty.
<b>High-profile</b>			
<b>T4136-18</b>	470378	Nonsterile - 6 x 12 wells	100/cs
<b>Low-profile</b>			
<b>T4136-21</b>	438733	Sterile - 6 x 12 wells	100/cs
<b>T4136-327</b>	448698	Nonsterile - 6 x 12 wells	100/cs



### Cube Container Tipping Device

CARDINAL HEALTH - Place a 2½- or 5-gal. cube container on top of this tilting device and it assures extraction of the last contents of containers without manual lifting and tipping. The innovative tipping device is made of heavy-duty clear acrylic material. The MPISureGrip rubber feet keep unit in place on counters. It has a 30° angle.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
<b>S1389-110</b>	Cube container tipping device	4½ x 8 x 10 in., ¾ in. lip	1/ea

# Liquid Handling

## Air Displacement Pipettes



### Research® Plus Pipettes

EPPENDORF - The Eppendorf Research® Plus pipette is an advanced and ergonomic manual pipette. The pipette has been designed to be light and ergonomic while still maintaining a high level of performance. The ultra-light pipette meets needs in precision and accuracy while having excellent ergonomics and increased flexibility.

Cat. No.	Mfr. No.	Description	Qty.
P5063-375	3120000070	0.5 to 5mL	1/ea
P5063-372	3120000054	20 to 200µL	1/ea
P5063-374	3120000062	100 to 1,000µL	1/ea

### Biomaster Pipette and Positive Displacement Tips

EPPENDORF - This pipette incorporates an integrated, disposable tip/piston assembly that reduces sample contamination by eliminating carryover and aerosols, helping you prepare cleaner and more reproducible samples. The Biomaster Pipette is ideal for liquids that are viscous or have high vapor pressure and allow for simple, one-handed operation. Just insert pipettor nose cone into tip/piston. Push control knob in to engage piston and then release. To eject the tip/piston, depress control knob all the way. Preassembled tips/pistons are packaged in five autoclavable racks of 96 pieces each for convenient handling and sterilization.



Cat. No.	Mfr. No.	Description	Qty.
P5063-4	022440501	Biomaster pipette	1/ea
P5063-5	022354159	Tips	480/pk

### Series 2000 Pipettes

EPPENDORF - These pipettes feature pipetting accuracy, a smooth stroke, a compact and robust design and superior operating comfort. Their single, multifunction button is used for pipetting and tip ejection. The ejection sleeve can be removed to fit into smaller vessels. Smooth-running piston is corrosion- and chemical-resistant. Pipettes are supplied with individual labels for identification. Lateral volume locking safeguards volume selected. Pipettes are UV-resistant and completely autoclavable without any impairment of accuracy or precision.

Cat. No.	Mfr. No.	Description	Qty.
<b>Ultramicro adjustable-volume pipettes</b>			
P2100-57	22470051	0.5 to 10µL	1/ea
<b>Adjustable-volume pipettes</b>			
P2100-59	22470159	2 to 20µL	1/ea
P2100-60	22470205	10 to 100µL	1/ea
P2100-61	22470256	50 to 200µL	1/ea
P2100-62	22470302	100 to 1,000µL	1/ea
<b>Fixed-volume pipettes</b>			
P2100-68	22471155	100µL	1/ea



### Ovation® BioNatural™ Pipettors

VISTALAB TECHNOLOGIES - These liquid transfer pipettors feature a tip ejection mechanism to discard tips with the push of a button. Ergonomic design helps reduce strain from posture, repetition and force. An adjustable hook to improve comfort for left- or right-handed users and a low-force, form-fitting plunger to control the speed of dispensing and aspiration with minimal effort. Five aspiration and dispensing volumes may be programmed in and recalled. Since the device stands securely on a flat countertop, there is no need for a rack and a filtered nozzle helps prevent liquid from contaminating the body of the device.

Cat. No.	Mfr. No.	Description	Qty.
P5500-4	1057-0100	10 to 100µL volume range - 0.1µL dispensing increments	1/ea
P5500-6	1057-1000	100 to 1,000µL volume range - 1.0µL dispensing increments	1/ea

# Liquid Handling

## Air Displacement Pipettes

### Finnpipette F1 Adjustable-Volume Pipettes

THERMO SCIENTIFIC - The Finnpipette™ F1 pipette's remarkably lightweight design, combined with low attachment and ejection and plunger forces, make pipetting safe and comfortable. The adjustable finger rest rotates up to 120° making it ideal for both right- and left-handed users. Combined with its wide shape, your hand can relax during pipetting cycles and sit comfortably at the correct angle for efficient pipetting. The modern volume lock design helps ensure your selected volume will be locked safely in place to avoid accidental volume drift during pipetting cycles.

Low pipetting action reduces the risk of Repetitive Strain Injury (RSI) and enhances pipetting safety. The Finnpipette F1 pipette provides superior accuracy and precision for performance you can rely on for general laboratory use.

#### Specifications:

Range .....	100–1,000µL
Increments .....	1µL
Accuracy .....	±1.0 to 0.6%
Precision .....	0.6 to 0.2%
Finntip.....	Flex 1000, 1000, 1000 Ext.

Cat. No.	Mfr. No.	Description	Qty.
4641100	4641100	F1 adjustable-volume pipettes	1/ea



### Finnpipette F2 Pipettes

THERMO SCIENTIFIC - To meet the needs of daily pipetting, the Finnpipette™ F2 pipette is your choice for general laboratory use. The durable construction exhibits excellent strength in a variety of challenging applications and environments. The pipette is fully autoclavable at 121°C, and the black surface allows the Finnpipette F2 pipette to withstand UV exposure without damage. Long-lasting materials enable extended product life in heavy-duty applications.

The Finnpipette F2 pipette is available in adjustable and fixed volume pipettes.



**Delivering performance and peace of mind to your laboratory.**

### MLA Adjustable Digital Micropipettors

VISTALAB TECHNOLOGIES - Cover the entire 10 to 1,000µL range with this three-model line of digital micropipettors. Simply dial the desired volume in 0.5, 1.0 or 5.0µL increments. These pipettors feature positive "click" stops to lock in the selected volume. Convenient window readout helps ensure accuracy. With the built-in D-Tipper™ tip ejector, you can gently dispose of tips without touching them. Pipettors are made from lightweight aluminum and stainless steel for comfort and durability. Order tips separately.



Cat. No.	Mfr. No.	Description	Qty.
<b>Use tips P5064-902, -902E, -902P, -902S, -911</b>			
P5067-1A	1136	Green, volume: 10 to 50µL - increments: 0.5	1/ea
P5067-2A	1137	Red, volume: 50 to 200µL - increments: 1.0	1/ea
<b>Uses tips P5064-903, -903E, -903P, -903S, -910</b>			
P5067-3A	1138	Gray, volume: 200 to 1,000µL - increments: 5.0	1/ea



### MLA Adjustable Macro Pipettor

VISTALAB TECHNOLOGIES - For precise measurement of almost any liquid, regardless of viscosity, this macro pipettor offers adjustable delivery from 1 to 5mL in a single stroke. The calibrated, non-wettable polypropylene tip has clearly marked 10mL increments and can be used in a wide variety of test vessels including narrow-mouth receptacles. The pipettor features a durable metal construction. Tips must be ordered separately. Uses graduated macro tip P5078-900.

Cat. No.	Mfr. No.	Description	Qty.
P5078-1	1061	MLA adjustable macro pipettor	1/ea

### MLA D-Tipper™ Pipettors

VISTALAB TECHNOLOGIES - These all-metal pipettors are designed for precise delivery and durable performance. They are slim and feature a built-in tip ejector. Choose from fixed or selectable volume. Smooth one-stroke action enhances repeatable results and requires less physical effort. All pipettors are user calibratable except for selectable volume pipettor P5065-110. Order tips separately. Pipettor P5065-110 contains three of the most commonly used volumes in one instrument. Simply rotate the button plunger to choose the volume.



Cat. No.	Mfr. No.	Description	Qty.
<b>Fixed volume - use tips P5064-902, -902E, -902P, -902S, -911</b>			
P5065-5	1141C	Silver, volume: 5µL, accuracy: ±5.0%	1/ea
P5065-10	1051C	Orange, volume: 10µL, accuracy: ±5.0%	1/ea
P5065-20	1052C	Black, volume: 20µL, accuracy: ±3.0%	1/ea
P5065-25	1053C	White, volume: 25µL, accuracy: ±3.0%	1/ea
P5065-50	1054C	Green, volume: 50µL, accuracy: ±2.0%	1/ea
P5065-100	1055C	Blue, volume: 100µL, accuracy: ±1.0%	1/ea
P5065-200	1056C	Red, volume: 200µL (small tip), accuracy: ±1.0%	1/ea
<b>Fixed volume - use tips P5064-903, -903E, -903P, -903S, -910</b>			
P5065-250	1057C	Purple, volume: 250µL, accuracy: ±1.0%	1/ea
P5065-300	1058C	Brown, volume: 300µL, accuracy: ±1.0%	1/ea
P5065-500	1059C	Yellow, volume: 500µL, accuracy: ±1.0%	1/ea
P5065-800C	1160C	Silver, volume: 800µL, accuracy: ±1.0%	1/ea
P5065-1L	1060C	Gray, volume: 1,000µL, accuracy: ±1.0%	1/ea
<b>Selectable volume - use tips P5064-902, -902E, -902P, -902S, -911</b>			
P5065-110	1132	Silver, volume: 50/100/200µL, accuracy: ±2.5/1.5/1.3%	1/ea

### MLA Fixed-Volume Macro Pipettors

VISTALAB TECHNOLOGIES - These pipettors are designed for accurate and precise reconstitution of reagents and controls. They allow a larger volume sampling and are available in four sizes, which are color-coded for easy identification. Each pipettor is factory-calibrated for accurate volume delivery. If calibration is needed, a calibration key and simple procedure are available. The streamlined design and lightweight aluminum construction make these pipettors comfortable to hold and less tiring during repetitive procedures. A stainless steel nozzle tip helps prevent accidental damage to the pipettor. Tips must be ordered separately. Accuracy is ±0.75%. Use graduated macro tip P5078-900 to visually confirm the volume delivered.



Cat. No.	Mfr. No.	Description	Qty.
P5066-1A	1065	1mL - gray	1/ea
P5066-2A	1066	2mL - red	1/ea
P5066-3A	1067	3mL - green	1/ea
P5066-5A	1069	5mL - yellow	1/ea



### MLA Precision Pipettors

VISTALAB TECHNOLOGIES - For dispensing liquid volumes from 5 to 1,000µL, these all-metal precision stainless steel pipettors are color-coded for specific volume capacity. The pipettors operate by a single-stroke procedure with no intermediate stops — drawing and dispensing employ the same technique. Repeatability is better than ±1%. Each pipettor includes a calibration key so you can adjust the dispensed volume, if needed. Order tips separately.

Cat. No.	Mfr. No.	Description	Qty.
<b>Use tips P5064-902, -902E, -902P, -902S, -911</b>			
P5064-10	1021	Orange, volume: 10µL, accuracy: ±5.0%	1/ea
P5064-50	1024	Green, volume: 50µL, accuracy: ±2.0%	1/ea
P5064-100	1025	Blue, volume 100µL, accuracy: ±1.0%	1/ea
P5064-200	1026	Red, volume: 200µL, accuracy: ±1.0%	1/ea
<b>Use tips P5064-903, -903E, -903P, -903S, -910</b>			
P5064-1L	1030	Gray, volume: 1,000µL, accuracy: ±1.0%	1/ea



### MLA Selectable Macro Pipettor

VISTALAB TECHNOLOGIES - This selectable macro pipettor is four fixed-volume macro pipettors in one. It is convenient for workstations where routine transfer of several standard volumes is required. Each volume capacity is factory-calibrated and accurate to within ±1%. A simple twist of the bonnet lets you select a 2, 3, 4 or 5mL volume setting. The selected volume is locked in with a positive stop. Tips must be ordered separately. Uses graduated macro tip P5078-900.

Cat. No.	Mfr. No.	Description	Qty.
P5066-6	1134	MLA selectable macro pipettor	1/ea

# Liquid Handling

## Automated Pipette Aids/Cleaning Devices

### Easypet® Electronic Pipette Filler

EPPENDORF - Motorized to relieve the stress of continuous pipetting, the Easypet® device holds 0.1 to 100mL pipettes and weighs just 6.7 oz. It features a contoured shape and ribbed handle for comfortable operation even during tedious procedures, with touch-control adjustable speed that allows rapid or slow pipetting. A separate fine speed control is ideal for sensitive procedures. A disposable, in-line hydrophobic filter helps prevent contamination. Pipette connector, filter and housing are removable and can be autoclaved at 121°C. The unit is battery operated and cordless. Easypet® operates for 8 hours before recharging is necessary and is supplied with charger, wall holder and two filters.



Cat. No.	Mfr. No.	Description	Qty.
P5320-3A	22230204	Electronic pipette filler	1/ea

### Aqua-Cap® Microdispenser

DRUMMOND SCIENTIFIC - These disposable glass capillary pipettes with hydrophobic plug are preset to precise volume delivery. The plug controls volume and serves as a piston, which dispenses sample when pressed downward by reusable plunger. These single-use pipettes help eliminate potential cross-contamination.

Cat. No.	Mfr. No.	Description	Qty.
P5066-650	7-000-0650-LHC	65µL microdispenser	1/ea

### Pipet-Aid® Portable Pipettor

DRUMMOND SCIENTIFIC - The power supply for this lightweight, compact, portable Pipet-Aid® pipettor is built into the handle. The unit can run continuously for up to 8 hours, pipetting 2,500 times without recharging. Pipettor operates on a 9V nickel metal hydride (Ni-MH) rechargeable battery. The Pipet-Aid® portable pipettor accepts a range of pipette sizes from 1 to 100mL. It includes a tissue culture nosepiece, four extra filters, a recharger and a Pipet-Aid® holster for convenient storage. Charger operates on 110V.



Cat. No.	Mfr. No.	Description	Qty.
P5067-110	4-000-100	Portable pipettor	1/ea

### Pipet-Aid® XP Portable Pipettor

DRUMMOND SCIENTIFIC - This Pipet-Aid® XP pipettor provides three speed ranges for filling and three speed ranges for emptying. This gives a total of nine speed-range combinations. To use, just set the fill and empty buttons and begin pipetting. You can even vary the speed control simply by applying more or less pressure to the button. Unit can run continuously for up to 8 hours on fully charged battery, pipetting 2,000 times without recharging. The Pipet-Aid® portable pipettor is 25% lighter than standard Pipet-Aid® pipettors and accepts a range of pipette sizes from 1 to 100mL. Unit includes a removable stand, tissue culture nosepiece, four extra filters, a recharger and a Pipet-Aid® holster for convenient storage.



#### Specifications:

Size ..... 5.5 in.  
Power requirements ..... 9V Ni-MH (included)  
Weight ..... 7.5 oz.

Cat. No.	Mfr. No.	Description	Qty.
P5067-101	4-000-101	Portable pipettor	1/ea

### Thermo Scientific Nalgene Pipette Cleaning Sets

THERMO FISHER SCIENTIFIC - These conveniently packaged sets contain a pipette jar, basket and washer/rinser. One set per case.



Cat. No.	Mfr. No.	Description	Qty.
P5266-2	5250-0050	C size - 24 in. pipette - 6½ x 27 in.	1/ea

### Thermo Scientific Nalgene Pipette Washer-Rinsers

THERMO FISHER SCIENTIFIC - One-piece leak-resistant washer-rinsers have a water inlet located at the top to help eliminate the risk of back-siphoning contaminated water into the water line. Rinsers operate with water input from 1.5 to 12L/min. Each unit includes Nalgene® vinyl tubing for both inlet and outlet.



Cat. No.	Mfr. No.	Description	Qty.
P5250-2	5245-0050	C size - 61 in. pipette - for use with basket DS52410050	4/cs

# Liquid Handling

## Multichannel Pipettor/Pipette Tips and Accessories

### Costar® Reagent Reservoirs

CORNING - Designed for use with multichannel pipettors, these disposable reservoirs are made of sterile, modified polystyrene.



Cat. No.	Mfr. No.	Description	Qty.
P5082-128	4870	50mL, 5/bag	200/cs
CC4872	4872	100mL, 5/bag	200/cs



### Transferette® Multichannel Pipettors

BRANDTECH SCIENTIFIC - These multichannel pipettors are ideal for transferring, diluting and washing multiple samples in PCR, ELISA and other high-throughput applications. They are compatible with most major brands and types of tips, including flexible tips and filter tips. The pipettors have an easily removable manifold that is autoclavable for sterile applications and Easy Calibration™ technology for ISO and GLP compliance. They feature an ergonomic side-mounted pipetting key and low-force operation for relaxed, low-fatigue pipetting and reduced tip ejection forces. Individual removable/replaceable tip cones allow easy user cleaning and maintenance. Each pipettor is supplied with one tip box filled with 96 pipettor tips with two extra refill inserts, one individual stand, one reagent reservoir, 24 replacement Viton® V-rings, performance certificate and an operating manual.

Cat. No.	Mfr. No.	Description	Qty.
<b>8-channel pipettors</b>			
P4000-203	2703604	2.5 to 25µL	1/ea
P4000-201	2703610	20 to 200µL	1/ea



### Dispensing Bins

CARDINAL HEALTH - Two sizes of dispensing bins provide dust-resistant storage and convenient access to many small items. They can be placed directly on the bench top or mounted on a wall to save space. The bins have clear front panels to monitor the contents for refill. In addition, each dispensing bin has a removable top for easy filling and a hinged lid for single-handed access. The large dispensing bin holds approximately 500 disposable pipette tips, depending on size. The mini-dispensing bin is particularly useful as a modular unit to fit on top of phlebotomy cabinet S1389-52.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-36	Dispensing bin	14 x 5 x 6 1/4 in.	1/ea
S1389-40	Mini-dispensing bin	8 1/4 x 5 x 6 in.	1/ea



### Reusable Pipette Tip Retainer

CARDINAL HEALTH - Dispose of used pipette tips, laboratory gloves, sample tubes, filters and more with the convenience of using the reusable pipette tip retainer. Simply flip up the top that covers the dispensing hole and drop the pipette tips into the box. The entire top cover lifts off for easy disposal of larger items such as plastic gloves or lab tissues. Dispose of contents according to all local, state and federal disposal regulations.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-87	Pipette tip retainer	6 3/4 x 6 x 6 1/4 in.	1/ea

To order, call: 800.964.5227

[cardinalhealth.com](http://cardinalhealth.com)

 CardinalHealth

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# Liquid Handling

## Pipette Tips and Accessories



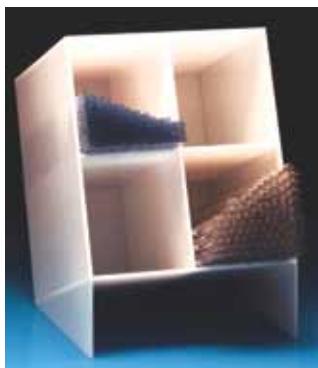
### Pipette Bin Station

**CARDINAL HEALTH** - Our pipette bin station holds six pipettors and has two bins for disposable tips. Each bin (2½ H x 5 W x 5½ in. D) is covered with a clear acrylic lid to protect its contents from dust.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-74	Pipette bin station	12½ x 11¾ x 8½ in.	1/ea

### Pipette Shelf

**CARDINAL HEALTH** - Organize serological pipettes in this all-white acrylic pipette shelf. Four angled compartments hold and separate a variety of pipettes for easy access. Solid construction offers additional protection and a better appearance than the cardboard box in which the pipettes are shipped. The pipette shelf is also useful in places such as biological safety cabinets, where cleanliness and organization are essential. Its compact size saves valuable bench space yet holds hundreds of 1, 5, 10mL and larger pipettes.



Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-35	Pipette shelf	12¼ x 10 x 9¾ in.	1/ea

### Tip Rack

**CARDINAL HEALTH** - Our easy-to-use, nonsterile tip racks are reusable. Carrier locks onto rack with a quick, press-and-snap action. When empty, recycle or dispose of the carrier and reuse the rack.

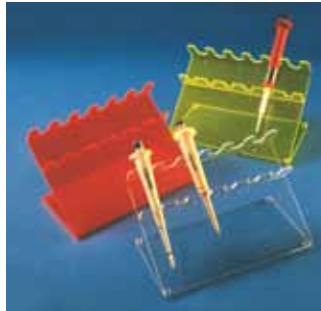


Cat. No.	Description	Size	Qty.
CHT10ER	Tip rack	10–20µL	10/pk, 5/cs
CHT200ER	Tip rack	200–300µL	10/pk, 5/cs
CHT1000ER	Tip rack	1,000–1,250µL	10/pk, 5/cs



### Pipettor Stations

**CARDINAL HEALTH** - Our line of pipettor stations holds 1, 2, 3, 4 and 6 pipettors. Few labs limit themselves to one particular brand of pipette, yet each type often requires a different holder. Our pipettor stations are designed to eliminate this problem. These multi-purpose holders are clear, white, neon green and neon red and accommodate most brands of pipettors. These pipettor stations have a 1 in. upper rack and a ¾ in. lower rack.



6-pipettor station S1389-73 neon red,  
S1389-72 neon green, S1389-71 clear

Cat. No.	Description	Qty.
<b>1-pipettor station, 7½ x 2¾ x 6½ (H x W x D) in.</b>		
S1389-153C	Clear	1/ea
S1389-153W	White	1/ea
S1389-153G	Neon green	1/ea
S1389-153R	Neon red	1/ea
<b>2-pipettor station, 7½ x 4 x 6½ (H x W x D) in.</b>		
S1389-154C	Clear	1/ea
S1389-154W	White	1/ea
S1389-154G	Neon green	1/ea
S1389-154R	Neon red	1/ea
<b>3-pipettor station, 7½ x 6½ x 6½ (H x W x D) in.</b>		
S1389-155C	Clear	1/ea
S1389-155W	White	1/ea
S1389-155G	Neon green	1/ea
S1389-155R	Neon red	1/ea
<b>4-pipettor station, 7½ x 8¾ x 6½ (H x W x D) in.</b>		
S1389-156C	Clear	1/ea
S1389-156W	White	1/ea
S1389-156G	Neon green	1/ea
S1389-156R	Neon red	1/ea
<b>6-pipettor station, 7½ x 11¾ x 6½ (H x W x D) in.</b>		
S1389-71	Clear	1/ea
S1389-157	White	1/ea
S1389-72	Neon green	1/ea
S1389-73	Neon red	1/ea

# Liquid Handling

## Pipette Tips and Accessories

### Pipet Washer/Dryer

BOEKEL - This convenient unit lets you safely wash and dry 7 x 375mm pipettes in the same chamber. Water is circulated through and over the pipettes at the rate of 1½ to 3 gpm. At the end of the desired washing time, the unit drains to permit warm air circulation, which dries the pipettes in 1 to 1½ hours. Pipettes should be soaked in a chromic acid solution prior to washing. During washing, an Alcotabs® Detergent Tablet C6310 may be added to loosen stubborn particles. The tubular 195W heating element mounts at the center of the chamber bottom. It heats the air entering the siphon tubes to create a convection current and exits through the gap between the lid and the chamber. The unit is stainless steel, with the exception of external hose connections and has a single-wall, rolled edge. Bath has side-mounted siphon tube housing and a serrated inlet for rubber tubing. The unit is designed with an air gap between the water inlet and water in the chamber. This prevents back flow of contaminated water in the event of a pressure interruption. An outlet on the base will accommodate a threaded drainpipe of 1 in. IPS. Each washer/dryer includes a lid, Pipette Holder P5260-1, a three-prong, rubber-covered line cord with feed-through switch plug and an adapter with ground connection.



#### Specifications:

Inlet connection ..... ½ in. IPS serrated

Outlet connection ..... 1 in. IPS threaded

#### Dimensions

Bath ..... 20½ in. D x 0.018 in. thick x 6 in. dia.

Overall ..... 23¾ in. H x 10½ in. dia.

Power requirements ..... 115V, 60 Hz

Cat. No.	Mfr. No.	Description	Qty.
P5257A	137100	Washer/dryer	1/ea

### AccuSeal™ 1¼-in. Sterile Filter Pipettor Tips

CARDINAL HEALTH - Our AccuSeal™ filter pipettor tip has an ultramicro 0.2 to 10µL capacity and features a hydrophobic filter that does not seal or trap liquid, allowing for noncontaminated sample recovery. Tip helps prevent trace carryover and instrument contamination caused by aerosols generated during sample aspiration. It helps prevent liquid bypass in the event of overfilling. Natural color. Supplied sterile in 10 racks of 96 each.



Cat. No.	Description	Size	Qty.
P5048-25	Pipettor tip	0.2–10µL	960/pk, 5 pk/cs

### AccuSeal™ 1 1/16-in. Filter Pipettor Tips

CARDINAL HEALTH - Our

AccuSeal™ sterile filter pipettor tip has an ultramicro 0.2 to 10µL capacity and features



a hydrophobic filter that does not seal or trap liquid, allowing for noncontaminated sample recovery. Tip helps prevent trace carryover and instrument contamination caused by aerosols generated during sample aspiration. It helps prevent liquid bypass in the event of overfilling. Natural color. Supplied in 10 racks of 96 each.

Cat. No.	Description	Size	Qty.
P5048-23	Pipettor tip	0.2–10µL	960/pk, 5 pk/cs

### AccuSeal™ 2-in. Sterile Filter Pipettor Tips

CARDINAL HEALTH - Our

AccuSeal™ 2 in. filter pipettor tips feature a hydrophobic filter that does not seal or trap liquid,



allowing for noncontaminated sample recovery. Tips help prevent trace carryover and instrument contamination caused by aerosols generated during sample aspiration. They help prevent liquid bypass in the event of overfilling. Natural color. Supplied sterile in 10 racks of 96 each.

Cat. No.	Description	Size (µL)	Qty.
P5048-27	Pipettor tip	30	960/pk, 5 pk/cs
P5048-74	Pipettor tip	100	960/pk, 5 pk/cs
<b>Nonsterile</b>			
P5048-76	Filter tip rack	200	960/pk, 5 pk/cs

### AccuSeal™ 3-in. Sterile Filter Pipettor Tips

CARDINAL HEALTH - Our

AccuSeal™ filter pipettor tip features a hydrophobic filter that does not seal or trap



liquid, allowing for noncontaminated sample recovery. Tip helps prevent trace carryover and instrument contamination caused by aerosols generated during sample aspiration. It helps prevent liquid bypass in the event of overfilling. Natural color. 1,000µL capacity. Supplied sterile in 10 racks of 100 each.

Cat. No.	Description	Size	Qty.
P5048-80	Sterile filter pipettor tip	1,000µL	5,000/cs

# Liquid Handling

## Pipette Tips and Accessories

### AccuSeal™ 3½-in. Sterile Filter Pipettor Tips

**CARDINAL HEALTH** - Our AccuSeal™ natural color, extended length pipettor tips have a 200µL capacity. Tip P5049-38 is compatible with Eppendorf® 2000 and 2100 (10 to 100µL) pipettors. Tip P5049-40 is compatible with Costar® OnePette™ 8 and 12, Eppendorf® 2000 and 2100 (10 to 100µL and 20 to 200µL), Fisher Finnpipette® (5 to 40µL), Pipetman® P-100 and P-200, the Biohit Proline® manual single channel (5 to 50µL and 5 to 200µL), the Biohit Proline® electronic single channel (5 to 100µL), Socorex 811 and 822 (10 to 100µL), Socorex 821 and 822 (20 to 200µL) and Titertek® (5 to 40µL and 40 to 200µL) pipettors.

Costar® is a registered trademark of Corning Inc.

OnePette™ is a trademark of Corning Inc.

Eppendorf® is a registered trademark of Eppendorf Netheler-Hinz GmbH.

Fisher Finnpipette® is a registered trademark of Thermo Fisher Scientific.

Pipetman® is a registered trademark of Gilson, Inc.

Biohit Proline® is a registered trademark of Biohit Oyj.

Titertek® is a registered trademark of ICN Biomedicals, Inc.

Cat. No.	Description	Size	Qty.
P5049-38	8 racks of 100 each	200µL	800/pk, 5 pk/cs
P5049-40	8 racks of 204 each	200µL	1,632/pk, 3 pk/cs

### AccuTip® 1¼-in. Nonfilter Pipettor Tips

**CARDINAL HEALTH** - Our AccuTip®

pipettor tips have a 0.2 to 10µL capacity. Natural color tips with pliable opening and beveled orifice offer excellent fluid delivery and minimal wear on the pipettor shaft. These nonsterile or gamma-irradiated sterile tips fit most micro pipettors and are manufactured to help prevent enzyme and nucleic acid contamination. Precise tip orifice helps ensure accuracy and fluid recovery.

Cat. No.	Description	Size (µL)	Qty.
<b>Sterile</b>			
P5048-6	10 racks of 96 each	0.2–10	960/cs
<b>Nonsterile</b>			
P5048-5	10 racks of 96 each	0.2–10	960/cs
P5048-4	Bulk pack	0.2–10	1,000/cs

### AccuTip® 1¾-in. Nonfilter Pipettor Tips

**CARDINAL HEALTH** - Our AccuTip® pipettor tips have an ultramicro 0.2 to 10µL capacity. Natural color tips with pliable opening and beveled orifice offer excellent fluid delivery and minimal wear on the pipettor shaft. These nonsterile or E-beam sterile tips fit most ultramicro pipettors and are manufactured to help prevent enzyme and nucleic acid contamination. Precise tip orifice helps ensure accuracy and fluid recovery.

Cat. No.	Description	Size	Qty.
<b>Nonsiliconized tips</b>			
P5048-2	10 racks of 96 each, nonsterile	0.2–10µL	10,000/cs

### AccuTip® 2-in. Nonfilter Pipettor Tips

**CARDINAL HEALTH** - Our AccuTip®

pipettor tips have a 0 to 200 or 300µL capacity. Natural or yellow tips with pliable opening and beveled orifice offer improved fluid delivery and less wear on pipettor shaft. These nonsterile or E-beam sterile tips fit most pipettors and are manufactured to help prevent enzyme and nucleic acid contamination. Precise tip orifice helps ensure accuracy and fluid recovery.

Pipettor tips P5048-40, P5049-1 and P5048-41 are supplied in a rack pack: a stack of five racks of tips with a base and dust cover. With or without reference marks.

Cat. No.	Description	Color	Qty.
<b>0–200µL capacity, natural</b>			
P5048-7	Bulk pack	Natural	10,000/cs
P5048-8	10 racks of 96 each	Natural	4,800/cs
P5048-9	Sterile, 10 racks of 96 each	Natural	4,800/cs
P5048-40	Rack pack, 5 racks of 200 each	Natural	10,000/cs
P5048-13	Reference tip, bulk pack	Natural	10,000/cs
P5048-14	Reference tip, 10 racks of 96 each	Natural	4,800/cs
P5049-1	Reference tip, rack pack 5 racks of 200 each	Natural	10,000/cs
P5048-15	Sterile, reference tip, 10 racks of 96 each	Natural	4,800/cs
<b>0–200µL capacity, yellow</b>			
P5048-10	Bulk pack	Yellow	10,000/cs
P5048-11	10 racks of 96 each	Yellow	4,800/cs
P5048-12	Sterile, 10 racks of 96 each	Yellow	4,800/cs
P5048-41	Rack pack, 5 racks of 200 each	Yellow	10,000/cs
<b>0–300µL capacity, natural</b>			
P5048-62	Bulk pack	Yellow	10,000/cs
P5048-63	10 racks of 96 each	Yellow	4,800/cs
P5048-64	Sterile, 10 racks of 96 each	Yellow	4,800/cs

### AccuTip® 2½-in. Gel-Loading Pipettor Tips

**CARDINAL HEALTH** - Our

AccuTip® round gel-loading microcapillary tips have a 1 to 200µL capacity. Natural color tips are for use with DNA sequencing, loading electrophoresis gels and other critical sampling applications. Tips are compatible with Pipetman®, the Biohit Proline®, Eppendorf®, the Jencons Sealpette®, Oxford® BenchMate®, Costar®, Finnpipette®, Socorex and Titertek® digital pipettors. 68mm L x 0.6mm O.D.

Eppendorf® is a registered trademark of Eppendorf Netheler-Hinz GmbH.

Pipetman® is a registered trademark of Gilson, Inc.

Biohit Proline® is a registered trademark of Biohit Oyj.

Jencons Sealpette® is a registered trademark of Jencons Scientific Limited.

Oxford® and BenchMate® are registered trademarks of Oxford Instruments.

Costar® is a registered trademark of Corning, Inc.

Finnpipette® is a registered trademark of Thermo Fisher Scientific.

Titertek® is a registered trademark of ICN Biomedicals, Inc.

Cat. No.	Description	Qty.
<b>Nonsterile</b>		
P5049-34	Bulk pack	1,000/pk
P5049-35	5 racks of 204	1,020/pk, 5,100/cs
<b>Sterile</b>		
P5049-36	5 racks of 204	1,020/pk, 5,100/cs

### AccuTip® 2¾-in. Nonfilter Pipettor Tips

CARDINAL HEALTH - Our AccuTip®

pipettor tips have a 101 to 1,000 $\mu$ L capacity. Nonsiliconized, with reference marks. Blue or natural color. 1,000 pipettor tips per package. Cannot be used with MLA large-volume pipettors.



Cat. No.	Description	Qty.
<b>Blue</b>		
P5049-2	Bulk pack	10,000/cs
P5049-3	10 racks of 100 each	5,000/cs
P5049-4	Sterile, 10 racks of 100 each	5,000/cs
P5049-5	Stack rack, 2 stacks of 500	5,000/cs
<b>Natural</b>		
P5049-6	Bulk pack	10,000/cs
P5049-7	10 racks of 100 each	5,000/cs
P5049-8	Sterile, 10 racks of 100 each	5,000/cs
P5049-9	Stack rack, 2 stacks of 500	5,000/cs

### AccuTip® 3½-in. Nonfilter Pipettor Tips

CARDINAL HEALTH - Our

AccuTip® pipettor tips have a 200 to 1,300 $\mu$ L capacity.

Natural or blue color tips with pliable opening and beveled orifice offer excellent fluid delivery and minimal wear on the pipettor shaft. These nonsterile or E-beam sterile tips fit most pipettors and are manufactured to help prevent enzyme and nucleic acid contamination. Precise tip orifice helps ensure accuracy and fluid recovery. Cannot be used with MLA large-volume pipettors.



Cat. No.	Description	Color	Qty.
<b>3½ in. tips</b>			
P5048-65	Bulk-packaged, nonsterile	Blue	1,000/pk
P5048-66	10 racks of 100 each, nonsterile	Blue	1,000/pk
P5048-68	Bulk-packaged, nonsterile	Natural	1,000/pk
P5048-69	10 racks of 100 each, nonsterile	Natural	1,000/pk
P5048-70	10 racks of 100 each, sterile	Natural	1,000/pk



### AccuTip® 3½-in. Nonfilter Combination Pipettor Tips

CARDINAL HEALTH - Our AccuTip® pipettor tips have a 200 to 1,000 $\mu$ L capacity. Natural color nonsterile tips with pliable opening and beveled orifice offer excellent fluid delivery and minimal wear on the pipettor shaft. The precise tip orifice helps ensure accuracy and fluid recovery.

Rack packs contain three racks of tips with a base and dust cover. To help you save on limited bench space, stack racks together with each one serving as a lid for the rack below. Use with MLA large-volume pipettors.

Cat. No.	Description	Size	Qty.
P5048-42	Pipettor tip/bulk pack	200–1,000 $\mu$ L	750/pk, 10 pk/cs
P5048-43	Pipettor tip/rack pack	200–1,000 $\mu$ L	600/pk, 10 pk/cs



### AccuTip® Extended-Length 3½-in. Pipettor Tips

CARDINAL HEALTH - Our natural color pipettor tips have a 1 to 200 $\mu$ L capacity. They are designed to reach the bottom of long tubes and to access restricted sample areas. Tips are compatible with Eppendorf®, Finnpipette®, MLA (up to 200 $\mu$ L), Pipetman® and Oxford® BenchMate® pipettors.

Eppendorf® is a registered trademark of Eppendorf Netheler-Hinz GmbH.

Finnpipette® is a registered trademark of Thermo Fisher Scientific.

Pipetman® is a registered trademark of Gilson, Inc.

Oxford® and BenchMate® are registered trademarks of Oxford Instruments.

Cat. No.	Description	Qty.
P5049-31	Nonsterile, bulk pack	1,000/pk, 5,000/cs
P5049-32	Nonsterile, 8 racks of 204	1,632/pk, 4,896/cs
P5049-33	Sterile, 8 racks of 204	1,632/pk, 4,896/cs



### AccuTip® 4-in. Nonfilter Pipettor Tips

CARDINAL HEALTH - Our natural color pipettor tip has a 100 to 1,000 $\mu$ L capacity. It is compatible with Biohit® and Clay Adams™ Selectapette™ pipettors. Nonsterile. Bulk packaged.

Clay Adams Selectapette™ is a trademark of Becton, Dickinson and Co.

Biohit® is a registered trademark of Biohit Oyj.

Cat. No.	Description	Qty.
P5049-19	Nonfilter pipettor tip	500/pk, 10 pk/cs



### AccuTip® 4½-in. Nonfilter Large-Volume Pipettor Tips

CARDINAL HEALTH - Our natural color pipettor tip has a 500 to 2,500 $\mu$ L capacity. It is compatible with Eppendorf® and Socorex pipettors. Nonsterile bulk pack.

Eppendorf® is a registered trademark of Eppendorf Netheler-Hinz GmbH.

Cat. No.	Description	Qty.
P5049-24	4½ in. nonfilter pipettor tip	500/pk, 2,500/cs

# Liquid Handling

## Pipette Tips and Accessories



### AccuTip® 4%/-in. Nonfilter Maxi-Length Pipettor Tips

**CARDINAL HEALTH** - Our natural color pipettor tip has a 1,000 to 5,000 $\mu$ L capacity. It is compatible with MLA large-volume, Oxford® BenchMate®, Pipetman® and Socorex pipettors. Nonsterile bulk pack.

Oxford® and BenchMate® are registered trademarks of Oxford Instruments.

Pipetman® is a registered trademark of Gilson, Inc.

Cat. No.	Description	Qty.
P5049-26	4%/- in. nonfilter pipettor tip	250/pk, 2,500/cs



### AccuTip® 4¾-in. Nonfilter Large-Volume Pipettor Tips

**CARDINAL HEALTH** - Our natural color pipettor tip has a 5,000 $\mu$ L capacity. It is compatible with Eppendorf®, the Biohit Proline® and the Jencons Sealpette® pipettors. Nonsterile bulk pack.

Eppendorf® is a registered trademark of Eppendorf Netheler-Hinz GmbH.

Biohit Proline® is a registered trademark of Biohit Oyj.

Jencons Sealpette® is a registered trademark of Jencons Scientific Limited.

Cat. No.	Description	Qty.
P5049-25	4¾ in. nonfilter pipettor tip	250/pk, 2,500/cs



### AccuTip® 6¼-in. Nonfilter Maxi-Length Pipettor Tips

**CARDINAL HEALTH** - Our natural color pipettor tip has a 1 to 10mL capacity. It is compatible with Pipetman® pipettors. Nonsterile bulk pack.

Pipetman® is a registered trademark of Gilson, Inc.

Cat. No.	Description	Qty.
P5049-27	6¼ in. nonfilter pipettor tip	200/pk, 2,000/cs

### AccuTip® Extra-Long Fine-Point Sterile Pipettor Tips

**CARDINAL HEALTH** - Our natural polypropylene pipettor tip is nongraduated and features a fine point.

Cat. No.	Description	Size	Qty.
P5048-31A	Extra-long fine-point sterile pipette tip	1,000 $\mu$ L	5,000/cs

### AccuTip® SlimLine Nonfilter Pipettor Tips

**CARDINAL HEALTH** - Our AccuTip® SlimLine pipettor tip has a 1 to 200 $\mu$ L capacity with 2½ in. length. Tip is compatible with Oxford® P-3000 and P-7000 and Helena® pipettors. Nonsterile.

Oxford® is a registered trademark of Sherwood Services AG.

Helena® is a registered trademark of Helena Laboratories.

Cat. No.	Description	Qty.
P5049-16	AccuTip® SlimLine nonfilter pipettor tip	500/pk, 10 pk/cs

### Dispensing Tips

**CARDINAL HEALTH** - Our dispensing tips provide you with accurate and precise repetitive sample delivery when you use them with the Repeater® pipettor. The refillable, disposable sample reservoir holds up to 48 dispensings and helps eliminate contamination of the pipettor and carryover between samples. Tips from 0.5 to 50mL are polypropylene and polyethylene for strong chemical resistance. The 0.05mL size consists of a polypropylene barrel with a stainless steel piston and is for use with Eppendorf® ultramicro tips.

Eppendorf® is a registered trademark of Eppendorf Netheler-Hinz GmbH.

Repeater® is a registered trademark of Brinkmann Instruments, Inc.

Cat. No.	Cap. (mL)	Qty.
<b>Nonsterile dispensing tips</b>		
P5061-100	0.05	100/pk
P5061-102	0.5	100/pk
P5061-103	1.25	100/pk
P5061-104	2.5	100/pk
P5061-105	5.0	100/pk
P5061-106	12.5	100/pk
P5061-107*	25	100/pk
P5061-108*	50	100/pk
<b>Sterile dispensing tips</b>		
P5061-109	0.5	100/pk
P5061-110	1.25	100/pk
P5061-111	2.5	100/pk
P5061-112	5.0	100/pk
P5061-113	12.5	100/pk
P5061-114*	25	100/pk
P5061-115*	50	100/pk

\*Requires adapter

### Filter Pipette Tips

CARDINAL HEALTH - Tips are clear, filtered and sterile.

Cat. No.	Description	Size	Qty.
CHTF113-20	Beveled tip	2–20µL	960/pk, 5 pk/cs
CHTF113100	Beveled tip	10–100µL	960/pk, 5 pk/cs
CHTF102-10	Extended-length micropoint tip, graduated at 2.5µL	0.1–10µL	960/pk, 5 pk/cs
CHTF140200	Extended-length micropoint tip, graduated at 100, 200, 500, 1,000µL	20–200µL	960/pk, 5 pk/cs
CHTF112100	Extended length micropoint tip, graduated at 100, 200, 500, 1,000µL	100–1,000µL	960/pk, 5 pk/cs
CHTF112G	Extended-length large orifice tip graduated at 100, 200, 500, 1,000µL	100–1,000µL	960/pk, 5 pk/cs
CHTF118200	Large orifice tip, graduated at 50, 100, 200µL	20–200µL	960/pk, 5 pk/cs
CHTF114-10	Micropoint crystal tip, Eppendorf fit	0.1–10µL	960/pk, 5 pk/cs
CHTF114-20	Micropoint crystal tip, Eppendorf fit	0.1–20µL	960/pk, 5 pk/cs
CHTFA10410	Micropoint tip, graduated at 2µL	0.1–10µL	960/pk, 5 pk/cs



### Pipette Tips

CARDINAL HEALTH - These tips are non-filtered.

Cat. No.	Description	Size	Qty.
<b>Beveled tip, clear</b>			
CHT070RN	Nonsterile	1–200µL	960/pk, 5 pk/cs
CHT070RNS	Sterile	1–200µL	960/pk, 5 pk/cs
CHT070RLN	Nonsterile/reload	1–200µL	960/pk, 5 pk/cs
CHT106R	Nonsterile	5–300µL	960/pk, 5 pk/cs
CHT106RL	Nonsterile/reload	5–300µL	960/pk, 5 pk/cs
CHT106RS	Sterile	5–300µL	960/pk, 5 pk/cs
CH113-GN	Nonsterile	200µL	1,000/pk, 10 pk/cs
CH106	Nonsterile	300µL	1,000/pk, 10 pk/cs
<b>Beveled tip, clear, graduated at 10, 50, 100µL</b>			
CHT113RLN	Nonsterile/reload	1–200µL	960/pk, 5 pk/cs
CHT113RN	Nonsterile	1–200µL	960/pk, 5 pk/cs
CHT113RNS	Sterile	1–200µL	960/pk, 5 pk/cs
<b>Beveled tip, yellow</b>			
CHT090R	Nonsterile	1–200µL	960/pk, 5 pk/cs
CHT090RL	Nonsterile/reload	1–200µL	960/pk, 5 pk/cs
CHT090RS	Sterile	1–200µL	960/pk, 5 pk/cs
<b>Extended length, micropoint tip, clear, graduated at 2.5µL</b>			
CHT102R	Natural, nonsterile	0.1–10µL	960/pk, 5 pk/cs
CHT102RS	Natural, sterile	0.1–10µL	960/pk, 5 pk/cs
CH102	Natural	10µL	1,000/pk, 10 pk/cs
<b>Extended length, micropoint tip, blue, graduated at 100, 200, 500, 1,000µL</b>			
CHT112XLR	Nonsterile/reload	100–1,250µL	960/pk, 5 pk/cs
CHT112XLRS	Sterile	100–1,250µL	960/pk, 5 pk/cs
CHT112XLRL	Nonsterile	100–1,250µL	960/pk, 5 pk/cs
CH112XL	Nonsterile	1,000µL	1,000/pk, 10 pk/cs
<b>Large orifice tip, clear</b>			
CHT118R	Nonsterile	1–200µL	960/pk, 5 pk/cs
CHT118RS	Sterile	1–200µL	960/pk, 5 pk/cs
<b>Micropoint crystal tip, clear, Eppendorf fit</b>			
CHT114R	Nonsterile	0.1–20µL	960/pk, 5 pk/cs
CHT114RS	Sterile	0.1–20µL	960/pk, 5 pk/cs
CH114BNS	Natural, nonsterile	20µL	1,000/pk, 10 pk/cs
<b>Micropoint tip, clear, graduated at 2µL</b>			
CHTA104R	Nonsterile	0.1–10µL	960/pk, 5 pk/cs
CHTA104RL	Nonsterile/reload	0.1–10µL	960/pk, 5 pk/cs
CHTA104RS	Sterile	0.1–10µL	960/pk, 5 pk/cs

### Genomic Pipette Tips

CARDINAL HEALTH - Our extra-length tips are clear and non-filtered.

They are graduated at 100, 200, 500 and 1,000µL.

Cat. No.	Description	Size	Qty.
CH112NXG	Large orifice tip	100–1,250µL	1,000/pk, 10 pk/cs
CH112NXGR	Large orifice tip	100–1,250µL	960/pk, 5 pk/cs
CH112NXGRS	Sterile, large orifice tip	100–1,250µL	960/pk, 5 pk/cs
CH112NXLR	Micropoint tip	100–1,250µL	960/pk, 5 pk/cs
CH112NLRL	Micropoint tip reload	100–1,250µL	960/pk, 5 pk/cs
CH118-N	Natural	200µL	1,000/pk, 10 pk/cs
CH112NXL	Natural	1,000µL	1,000/pk, 10 pk/cs
CH112NLRLS	Sterile, natural	1,000µL	960/pk, 5 pk/cs

# Liquid Handling

## Pipette Tips and Accessories



### Costar® Universal Pipette Tips

CORNING - These pipette tips have been precision-engineered to fit most major brand single and multichannel pipettors. A beveled orifice helps ensure consistent pickup and delivery. The tips feature multiple sealing rings to assure a snug and consistent fit. All racked tips are certified RNase- and DNase-free and non-pyrogenic.

Cat. No.	Mfr. No.	Description	Qty.
<b>96-tip racks</b>			
CC4864	4864	Sterile	960/cs
P5082-121	4863	Nonsterile	960/cs



### Combitip® Advanced Biopur Positive Displacement Tips

EPPENDORF - These tips are certified sterile and pyrogen-, RNase-, DNase-, DNA, PCR inhibitor and ATP-free. For use with Repeater® Pipettor P5063-20, Repeater® Plus Pipettor P5063-200, Repeater® Pro and Repeater® Stream/Xstream pipettor. Tips are individually-wrapped.

Cat. No.	Mfr. No.	Description	Qty.
30089618	0030089618	0.1mL	100/cs
30089626	0030089626	0.2mL	100/cs
30089634	0030089634	0.5mL	100/cs
30089642	0030089642	1.0mL	100/cs
30089650	0030089650	2.5mL	100/cs
30089669	0030089669	5mL	100/cs
30089677	0030089677	10mL	100/cs
30089685	0030089685	25mL	100/cs
30089693	0030089693	50mL	100/cs
30089731	0030089731	Adapter - 25mL	7/ea
30089740	0030089740	Adapter - 50mL	7/ea



### Combitip® Advanced Positive Displacement Tips

EPPENDORF - These tips function according to the positive-displacement principle, ensuring that the correct volume is dispensed with regard to the density and viscosity of the liquid used. The positive-displacement system provides safer dispensing of radioactive and toxic substances as well as solutions with high vapor pressure. No aerosols are formed. In addition, the combination of the polyethylene plunger and polypropylene cylinder makes these tips ideal for use with aggressive reagents. They are for use with Repeater®, Repeater® Pro, Repeater® Plus, Repeater® Stream, Repeater® XStream dispensers and the EDOS automatic dispensing system.

Cat. No.	Mfr. No.	Description	Qty.
<b>Nonsterile</b>			
P5063-202	0030089405	0.1mL	100/cs
30089413	0030089413	0.2mL	100/cs
P5063-204	0030089421	0.5mL	100/cs
P5063-205	0030089430	1mL	100/cs
P5063-206	0030089448	2.5mL	100/cs
P5063-207	0030089456	5mL	100/cs
P5063-208	0030089464	10mL	100/cs
P5063-229	0030089472	25mL	100/cs
P5063-209	0030089480	50mL	100/cs
<b>Sterile</b>			
P5063-212	0030089510	0.1mL	100/cs
30089529	0030089529	0.2mL	100/cs
P5063-214	0030089537	0.5mL	100/cs
P5063-215	0030089545	1mL	100/cs
P5063-216	0030089553	2.5mL	100/cs
P5063-217	0030089561	5mL	100/cs
P5063-218	0030089570	10mL	100/cs
30089588	0030089588	25mL	100/cs
30089596	0030089596	50mL	100/cs

# Liquid Handling

## Pipette Tips and Accessories



### Combitip® Biopur Positive Displacement Tips

EPPENDORF - Eppendorf® Biopur tips are manufactured to be pyrogen-, RNase-, DNA- and ATP-free and sterile. A quality certificate accompanies each package of tips for your written assurance of purity. The tips are radiation sterilized, tested for sterility and endotoxin level and monitored for DNA, RNase and ATP concentrations. These tips are molded from dye-free resins to reduce the presence of contaminants that could interfere with assay results. Automated production and packaging processes reduce contamination of the tips from both microorganisms and human contact. This high degree of purity meets a variety of critical applications. Tips are for use with the original Eppendorf Repeater® pipette.

Cat. No.	Mfr. No.	Description	Qty.
P5062-78	22495101	1.25mL	100/cs
P5062-91	22495208	12.5mL	100/cs



### Combitip® Standard Quality Tips

EPPENDORF - These tips form a reliable and precise system for positive-displacement dispensing in combination with the Repeater® pipette.

Cat. No.	Mfr. No.	Description	Qty.
P5063-28	22261100	1.25mL	100/pk
P5063-27	22261401	12.5mL	100/pk



### epT.I.P.S.® Dualfilter

EPPENDORF - These tips feature a two-phase filter for contamination protection. The tips are manufactured to the highest possible quality from pure, non-recycled materials under clean room conditions. They are characterized by defined flow dynamics, low wettability and high thermal stability. They are certified pyrogen-free and PCR-clean (free from human DNA, DNase, RNase and PCR-inhibiting substances).

Cat. No.	Mfr. No.	Description	Qty.
P5063-608	022491211	0.1 to 10µL	960/cs
P5063-610	022491270	2 to 20µL	960/cs
P5063-609	022491296	2 to 200µL	960/cs
P5063-611	022491261	100 to 5,000µL	120/cs



### Combitip® Plus Biopur Positive Displacement Tips

EPPENDORF - These tips are certified sterile and pyrogen-, RNase-, DNase-, DNA-, PCR inhibitor and ATP-free. For use with Repeater® Pipette P5063-20, Repeater® Plus Pipette P5063-200, Repeater® Pro and Repeater® Stream/XStream pipettes. Tips are individually-wrapped.

Cat. No.	Mfr. No.	Description	Qty.
P5063-222	22496042	0.5mL	100/cs
P5063-223	22496069	1mL	100/cs
P5063-224	22496085	2.5mL	100/cs
P5063-225	22496107	5mL	100/cs
P5063-226	22496123	10mL	100/cs

Timing is everything ...  
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# Liquid Handling

## Pipette Tips and Accessories



### Pipette Tips

EPPENDORF - These pipette tips satisfy the stringent requirements of dependability, reproducibility and the trend towards smaller sample volumes. Ergonomically optimized cone geometry allows for a perfect match of every Eppendorf pipette tip to every Eppendorf pipette. The tips are also universally applicable for use with pipettes from other manufacturers. The perfect fitting results in consistently reduced tip attachment and ejection forces, while ensuring complete sealing. Additional convenient features of the tips include fine volume graduations, a soft, flexible tip cone and improved access to a wider variety of tubes and wells.

Cat. No.	Mfr. No.	Description	Qty.
<b>2 to 200µL tips</b>			
P5062-114	22492039	Bulk pack	1,000/pk
P5062-120A	22491539	Reloads, 5 trays of 96 tips	480/pk
P5062-117	22491938	Rack	960/bx
<b>20 to 300µL tips</b>			
P5062-119	22491547	Reloads, 10 trays of 96 tips	960/pk
<b>50 to 1,000µL tips</b>			
P5062-121	22492055	Bulk pack	1,000/bx
P5062-125	22491954	Rack	960/cs
P5062-92	22491555	Reloads	192/pk
<b>100 to 5,000µL tip</b>			
P5062-127	22492080	Bulk pack	500/cs



### BRAND Filter Pipette Tips

BRANDTECH SCIENTIFIC - Filtered pipette tips reduce the potential for sample cross-contamination through aerosols. BRAND filter tips are precision-molded from colorless, high-purity, DiHEDMA- and oleamide-free, virgin polypropylene. They are non-sealing and made for easy sample recovery, even if the filter is wetted.

Cat. No.	Mfr. No.	Description	Qty.
<b>BIO-CERT® sterile</b>			
P4000-316A	702140	0.5 to 10µL	960/pk
P4000-410	702168	50 to 1,000µL	1,000/pk



### BRAND PD-Tip™ Syringe Tips

BRANDTECH SCIENTIFIC - BRAND PD-Tip™ syringe tips fit all repeating pipettes using standard sized syringe tips and are automatically size-recognized by the BRAND HandyStep® electronic and Rainin Auto Rep E. PD-Tips are manufactured from virgin polypropylene and high-density polyethylene without lubricants or chemical additives to prevent reagent contamination.

Cat. No.	Mfr. No.	Description	Qty.
P4000-336A	702376	5mL, nonsterile	100/pk

### BRAND Pipette Tips

BRANDTECH SCIENTIFIC -

BRAND pipette tips are designed for use in a wide range of pipetting applications and fit most common pipettes. They are precision-molded from high-purity, DiHEMDA- and oleamide-free, virgin polypropylene. Clean, hydrophobic surfaces reduce sample retention and increase accuracy and reproducibility. Tip orifice is precisely centered for directional accuracy.

Cat. No.	Mfr. No.	Description	Qty.
P4000-326A	712315	2 to 200µL tip refill	960/pk

### Finntip Filter Pipette Tips

THERMO SCIENTIFIC - Finntip™ pipette filter tips are designed, developed and manufactured to fit Thermo Scientific™ Finnpipette™ pipettors for general laboratory use. These sterile filter tips incorporate a hydrophobic polyethylene filter to help protect your samples and pipettes against contamination from aerosols. Tips are ideal for PCR procedures. Use for dispensing DNA/RNA solutions, infectious materials and radioactive samples. Cannot be autoclaved. Supplied in vacuum-sealed, irradiated trays.

Cat. No.	Mfr. No.	Description	Qty.
P5055-154	94052000	Micro	96/ea, 10/cs
P5055-600	94052100	10µL	96/ea, 10/cs
P5055-601	94052200	100µL	96/ea, 10/cs
P5055-602	94052300	200µL	96/ea, 10/cs
P5055-352	94052550	5mL	54/ea, 54/cs



### Finntip Pipette Tips

THERMO SCIENTIFIC - Finntip™ pipette tips are designed, developed and manufactured to fit Thermo Scientific™ Finnpipette™ pipettors for general laboratory use. Tips are manufactured using high quality raw materials and the latest molding techniques. Finntip pipette tips are designed to have uniformly smooth, hydrophobic surfaces on the inside and outside of the tips. This helps to prevent liquid retention and ensure accurate and precise pipetting.

Cat. No.	Mfr. No.	Description	Qty.
P5055-346	9402070	5mL	1/ea

# Liquid Handling

## Pipette Tips and Accessories



### Finntip Pipette Tips

THERMO SCIENTIFIC - Finntip™ pipette tips are designed, developed and manufactured to fit Thermo Scientific™ Finnpipette™ pipettors. This system provides optimal liquid handling results for general laboratory use. Finntip pipette tips help ensure the precision and accuracy of Finnpipette pipettors while providing an ergonomic solution, reducing the tip attachment and ejection forces. Tips are supplied sterile or nonsterile and are bulk packed in bags or boxes or packed vertically in trays for convenience.

Cat. No.	Mfr. No.	Description	Qty.
<b>Finntip 10 tips, 0.2 to 10µL</b>			
P5055-160	9400300	Tray pack, 10 trays of 96	960/cs
<b>Finntip 250 universal tips, 0.5 to 250µL</b>			
P5055-41	9400230	Bulk pack	1,000/bg
P5055-43A	9400260	Tray pack, 10 trays of 96	960/cs
P5055-318	9400263	Tray pack, 10 trays of 96, sterile	960/cs
<b>Finntip 300 tips, 5 to 300µL</b>			
P5055-145	9401250	Tray pack, 10 trays of 96	960/cs
P5055-87	9401253	Tray pack, 10 trays of 96, sterile	960/cs
<b>Finntip 1000 tips, 100 to 1,000µL</b>			
P5055-51B	9401030	Bulk pack	1,000/bg
P5055-936	9401110	10 racks of 96	960/cs
<b>Finntip 1000 Extended Tips, 100 to 1,000µL</b>			
P5055-937	9401420	Tray pack, 5 trays of 96	480/cs
<b>Finntip 5mL tips, 1 to 5mL</b>			
P5055-169	9402050	Bulk pack	75/bx
P5055-58A	9402030	Bulk pack	500/bg
P5055-59A	9402010	Bulk pack	3,000/cs
<b>Finntip 10mL tips, 2 to 10mL</b>			
P5055-61	9402151	Bulk pack	100/bg



### Finntip Stepper Tips

THERMO SCIENTIFIC - Finntip™ Stepper tips are a positive displacement, plunger-style tip for general laboratory use. Use with Thermo Scientific™ Finnpipette™ Stepper Pipettor P5055-325. Nonsterile tip is available in 1.25mL.

Cat. No.	Mfr. No.	Description	Qty.
P5055-330	9404180	Finntip Stepper 1.25mL dispensing volume	100/bx



### Thermo Scientific ART® REACH™ Extended-Length Barrier Pipette Tips

THERMO FISHER SCIENTIFIC - Gain an extra level of contamination control with the ART® REACH™ pipette tips. The extended length allows you to reach to the bottom of 0.5, 1.5, 2, 15 and 50mL tubes and many other styles of culture tubes without your pipette coming in contact with the inside of your sample vessel. Plus, tips feature the ART® patented self-sealing barrier that seals when exposed to aerosol and liquid contaminants, thus trapping them inside the barrier. This helps prevent cross contamination when you use these tips while contaminants can pass more easily through ordinary pipette tip filters. The SoftFit™ design of these tips allows them to fit easily on most pipettes, reducing hand fatigue. Some of the tips also feature MicroPoint™ design, which minimizes surface area around the tip's orifice, reducing surface tension and allowing for an accurate dispense. All are certified DNase-, RNase- and pyrogen-free. Choose from three packaging configurations: racked (96 or 100 presterilized tips per rack), individually-wrapped (500 presterilized tips in a freestanding, zip-lock bag) and bulk (1,000 nonsterile tips in a freestanding, zip-lock bag). Racked tips come with a transfer tray that makes reloading tips convenient with no snaps, buttons or machines needed.

Cat. No.	Mfr. No.	Description	Qty.
P5059-140	2140	10µL volume, 1.71 in. L tip with MicroPoint™ design	960/pk, 5 pk/cs
P5059-23	2159P	100µL volume, 3.59 in. L tip	768/pk, 4 pk/cs
P5059-982	2160P	200µL volume, 3.59 in. L tip	768/pk, 4 pk/cs
P5059-394	2079	1,000µL volume, 4.66 in. L tip	800/pk, 4 pk/cs

# Liquid Handling

## Pipette Tips and Accessories



### Thermo Scientific ART® Self-Sealing Barrier Pipette Tips

THERMO FISHER SCIENTIFIC - ART® tips use a patented self-sealing barrier that seals when exposed to aerosol and liquid contaminants, thus trapping them inside the barrier. This helps prevent cross contamination when you use these tips while contaminants can pass more easily through ordinary pipette tip filters. ART® tips are ideal for nucleic amplification procedures, pipetting of radioactive samples or any application where critical sample handling is required. These tips are certified DNase-, RNase- and pyrogen-free. The MicroPoint™ design of some low-volume ART® tips features a smaller profile than standard blunt-end pipette tips and are more narrow than beveled-end tips. This increases precision, especially when you are working with low-volume samples. Choose from three packaging configurations: racked (96 or 100 presterilized tips per rack), individually-wrapped (500 presterilized tips in a freestanding, zip-lock bag) and bulk (1,000 nonsterile tips in a freestanding, zip-lock bag). Racked tips come in a transfer tray that makes reloading tips convenient with no snaps, buttons or machines needed.

Cat. No.	Mfr. No.	Description	Qty.
<b>10µL tips</b>			
P5059-21	2139	Tip with MicroPoint™ design, 1.23 in.	960/pk, 5 pk/cs
P5059-15	2139F	10F tip with MicroPoint™ design, 2.32 in.	960/pk, 5 pk/cs
P5059-13	2149E	20E ultramicro tip, 1.8 in	960/pk, 5 pk/cs
<b>20 to 50µL tips</b>			
P5059-10A	2149P	20µL tip with MicroPoint™ design, 2 in.	960/pk, 5 pk/cs
<b>100µL tips</b>			
P5059-19	2065	Tip with MicroPoint™ design, 2.32 in.	960/pk, 5 pk/cs
P5059-20	2065E	Tip with MicroPoint™ design, 2 in.	960/pk, 5 pk/cs
<b>200µL tips</b>			
P5059-11	2069	Tip with MicroPoint™ design, 2.32 in.	960/pk, 5 pk/cs
P5059-22	2770	Tip with SoftFit™ universal design for multichannel pipettes, 2.06 in.	960/pk, 5 pk/cs
<b>300µL tips</b>			
P5059-981	2070	Tip with MicroPoint™ design, 2.3 in.	960/pk, 5 pk/cs
<b>1,000µL tips</b>			
P5059-983	2279	Tip with SoftFit™ universal design for multichannel pipettes, 3.13 in.	800/pk, 4 pk/cs
P5059-12	2079E	E design tip, 3.47 in.	800/pk, 4 pk/cs



### Thermo Scientific ART® Wide-Bore Genomic Barrier Pipette Tips

THERMO FISHER SCIENTIFIC - These wide-bore tips are ideal for working with genomic DNA, fragile cell lines and other viscous materials. With a distal end orifice larger than that of standard pipette tips, these tips provide you with the flexibility required for handling difficult to pipette samples. Tips also feature the ART® patented self-sealing barrier that seals when exposed to aerosol and liquid contaminants, thus trapping them inside the barrier. This helps prevent cross contamination when you use these tips while contaminants can pass more easily through ordinary pipette tip filters. Tips are certified DNase-, RNase- and pyrogen-free. Racked tips come with a transfer tray that makes reloading tips convenient with no snaps, buttons or machines needed.

Cat. No.	Mfr. No.	Description	Qty.
P5059-201	2079G	Regular length tip, 3.36 in., 1,000µL tips	800/pk, 4 pk/cs



### Thermo Scientific BioRobotix™ Tips for Tecan® and Perkin-Elmer Workstations

THERMO FISHER SCIENTIFIC - Use these tips with Tecan® brand Genesis®, Tecan® MiniPrep, Perkin-Elmer™ brand MultiPROBE® and Packard II HT workstation. ART® tips feature self-sealing filters that protect against cross-contamination.

Cat. No.	Mfr. No.	Description	Qty.
P5059-307	902-011	ART® tip, sterile, 50µL liquid-sensing tips, 58.2mm long	960/cs

## Looking for a specific product?

If you know the catalog number of the product you need, you can use the Catalog Number Index to direct you to the correct page.

# Liquid Handling

## Pipette Tips and Accessories



### MLA Tips for MLA Pipettors

VISTALAB TECHNOLOGIES - MLA tips are quality molded and designed to function as a pipetting system when used with MLA pipettors. High-grade 100% virgin polypropylene assures surface smoothness and regularity for a uniform liquid stream.

Cat. No.	Mfr. No.	Description	Qty.
<b>Small, 5 to 250µL</b>			
<b>P5064-902S</b>	2025	Sterile, individually-wrapped	200/pk
<b>P5064-902</b>	9025	5 stacked trays	1,000/pk
<b>P5064-902P</b>	4025	Bulk, airtight plastic storage container	1,000/pk
<b>P5064-902E</b>	4225	Bulk, Econo-Pak™ bag	1,000/pk
<b>Large, 201 to 1,000µL</b>			
<b>P5064-903S</b>	2026	Sterile, individually-wrapped	200/pk
<b>P5064-903</b>	9026	3 dispenser trays	600/pk
<b>P5064-903P</b>	4026	Bulk, airtight plastic storage container	750/pk
<b>P5064-903E</b>	4226	Bulk, Econo-Pak™ bag	1,000/pk
<b>Macro, 1 to 5mL</b>			
<b>P5078-900</b>	9048	Dense pack tray	100/pk

### Replacement Nozzle Insert for MLA Pipettors

VISTALAB TECHNOLOGIES



Cat. No.	Mfr. No.	Description	Qty.
<b>P5064-850</b>	8066	Replacement nozzle insert	10/pk

### VistaLab Tips

VISTALAB TECHNOLOGIES -

To maximize the exceptional performance and benefits of Ovation® pipettes, we recommend using VistaLab tips. "One-size-fits-all" tips can have negative effects on ease of use and performance.



VistaLab tips provide a perfect fit every time

and are available in a variety of volume sizes and packaging configurations. Whether your application requires tips that are sterile, pyrogen-free, RNase/DNase certified, trace metal certified, or filtered, there's a VistaLab tip to meet your needs.

Cat. No.	Mfr. No.	Description	Qty.
<b>VistaRak for Ovation®, 25µL</b>			
<b>4060-1002</b>	4060-1002	Nonsterile	960/rk 5 rk/cs
<b>4060-1332</b>	4060-1332	Filtered, sterile, pyrogen-free, RNase-DNase-certified	960/rk, 5 rk/cs
<b>VistaRak for Ovation®, 250µL</b>			
<b>P5500-410</b>	4060-2004	Nonsterile	192/rk, 5 rk/cs
<b>P5500-200</b>	4060-2332	Filtered, sterile, pyrogen-free, RNase-DNase-certified	192/rk, 5 rk/cs
<b>VistaRak for Ovation®, 1,250µL</b>			
<b>P5500-420</b>	4060-3004	Nonsterile	192/rk, 5 rk/cs
<b>P5500-250</b>	4060-3332	Filtered, sterile, pyrogen-free, RNase-DNase-certified	192/rk, 5 rk/cs



### Reagent Reservoirs

VISTALAB TECHNOLOGIES - Use these sterile, disposable reservoirs with multichannel pipettors or for large liquid volumes. These reagent reservoirs feature sturdy construction, pour-off spouts on each corner and a trough within a trough bottom, allowing for complete recovery.

Cat. No.	Mfr. No.	Description	Qty.
<b>25mL reservoirs</b>			
<b>P5078-12</b>	3054-1002	Bulk pack	100/cs
<b>P5078-22</b>	3054-2002	Bulk pack	200/cs
<b>P5078-13</b>	3054-1003	Individually-wrapped	50/cs
<b>25mL divided reservoir</b>			
<b>P5078-14</b>	3054-1004	Bulk pack	100/cs

### Tips for Multichannel Micropipettors

WHEATON - These 5 to 200µL pipettor tips are made from virgin polypropylene.



Cat. No.	Mfr. No.	Description	Qty.
<b>P5083-17</b>	851246	8 x 12 row rack configuration, autoclavable, polypropylene box	960/cs

# Liquid Handling

## Quality Control Testing/Serological Pipettes



### Pipettor Calibration Kits

VISTALAB TECHNOLOGIES - This pipettor calibration kit is specifically designed to test the delivered volume of any laboratory pipette, pipettor or diluter within a range of 10 to 1,000 $\mu$ L. The kit employs standard colorimetric principles and a conventional spectrophotometer. The kit requires no special scales and is completely self-contained. Complete with graph paper, reagents, 12mm glass cuvettes, QC log sheets and instructions.

Cat. No.	Mfr. No.	Description	Qty.
P5064-1	9080	For use with discrete sampling spectrophotometers	30/kt
P5064-3	9082	For use with discrete sampling spectrophotometers	100/kt, 5 kt/ea

### VC-100® Titration System

STRECK - This acid-base titration system, for use with the VC-100 pipette verification instrument, verifies the volume that a pipette or dilutor delivers. It rapidly tests both accuracy and precision of pipettes and dilutors over a 1 to 5,000 $\mu$ L sample size. Utilizes NIST traceable reagents that are available as test kits. The VC-100 software v.6.0 is a database management system for the VC-100 that simplifies collection and management of pipette verification data. The program calculates volume delivered, standard deviation, coefficient of variation and percent recovery and generates historical reports by tracking individual pipette and technician performance.



Cat. No.	Mfr. No.	Description	Qty.
P5080-5	270250	150-test kit	1/ea
P5080-37	271410	NaOH cartridge, set of 5	1/ea
P5080-31	271320	Reference control, 12 vials	1/ea
P5080-39	271510	Titration solution, 4 x 475mL bottles	1/ea



### Pipette Verification Service Kits

STRECK - These kits enable laboratories to verify automatic pipettes without purchasing equipment or interrupting use of pipettes. Each kit contains six vials of receiver and one or two vials of pipetting solution. Using the pipette or dilutor to be verified, perform six simple titrations. Return the kit to Streck for analysis. You will receive a report that includes mean volume delivered, standard deviation (SD), coefficient of variation (CV) and percent recovery. Use the data to determine the performance of the pipettes and file the report for inspection purposes. Model P5080-48 is for use with 10 to 200 $\mu$ L pipettes and model P5080-47 is for use with 201 to 5,000 $\mu$ L pipettes.

Cat. No.	Mfr. No.	Description	Qty.
P5080-48	271278	1 x 2mL pipetting solution and 6 x 1mL receiver solution	1/ea
P5080-47	271279	2 x 16.5mL pipetting solution and 6 x 10mL receiver solution	1/ea



### Disposable Plastic Serological Pipettes

CARDINAL HEALTH - Our clean, sterile pipettes are calibrated to deliver with blowout and are packaged ready-to-use. They feature a uniform drawn or molded tip and molded, cotton-plugged top ends. Sharp, black ascending and descending graduations simplify fluid measuring and dispensing. Individually-wrapped pipettes come in paper/plastic packaging and are color-coded for easy size identification. Do not pipette by mouth. Use of a mechanical pipetting device is suggested.

Cat. No.	Description	Qty.
<b>Individually-wrapped</b>		
P4676-11X	$\pm 0.02\text{mL}$	1,000/cs
P4676-12	$\pm 0.04\text{mL}$	500/cs
P4676-15	$\pm 0.10\text{mL}$	200/cs
P4676-110	$\pm 0.20\text{mL}$	200/cs
P4676-25	$\pm 0.50\text{mL}$	200/cs
<b>Multipack</b>		
P4676-1X	$\pm 0.02\text{mL}$	1,000/cs
P4676-2	$\pm 0.04\text{mL}$	500/cs
P4676-5	$\pm 0.10\text{mL}$	500/cs
P4676-10A	$\pm 0.20\text{mL}$	500/cs
P4676-7	$\pm 0.50\text{mL}$	200/cs

### PYREX® "Shorty" Disposable Pipettes

CORNING - This disposable borosilicate glass pipette is calibrated to deliver and is ideal for use in tissue culture work. Negative graduations also make it useful for serological and measuring procedures. Pipette has a tooled top and is compatible with pipetting devices. It is approximately 3 in. shorter than standard disposable serological pipets. Pipette comes in color-coded packaging for easy identification. Do not pipette by mouth. Use of a mechanical pipetting device is suggested.

Cat. No.	Mfr. No.	Description	Qty.
P4648-10	7078B-10	Orange, 10mL	400/cs



### PYREX® Disposable Serological Pipettes

CORNING - These pipettes have a long, slender, tapered tip calibrated to deliver with blowout. The pipettes are packaged individually in dispenser shelf packs for small-volume requirements or in multipacks to permit easy access to several pipettes at a time without contaminating the entire case. The pipettes are also available non-plugged and nonsterile in bulk packs with negative graduations. Color-coded packaging allows easy identification of pipette size. Individually-wrapped pipettes are color-coded in Steri-View™ wrapping (one side paper, one side plastic). Multipacks have color-coded tear strips on the bag. Bulk pack pipette packages are not color-coded. Choose sterile or nonsterile. Do not pipette by mouth. Use of a mechanical pipetting device is suggested.

Cat. No.	Mfr. No.	Description	Qty.
<b>Sterile, plugged, individually-wrapped</b>			
P4685-2	7077-1N	Yellow	200/pk, 4 pk/cs
P4685-3	7077-2N	Green	180/pk, 4 pk/cs
P4685-4	7077-5N	Blue	120/pk, 6 pk/cs
P4685-5	7077-10N	Orange	100/pk, 6 pk/cs
<b>Sterile, plugged, multipack</b>			
P4685-14	7078-2N	Green	175/pk, 4 pk/cs
P4685-15	7078-5N	Blue	240/pk, 4 pk/cs
P4685-16	7078-10N	Orange	120/pk, 6 pk/cs
<b>Nonsterile, non-plugged, bulk pack</b>			
P4685-26	7079-1N	1mL cap	250/pk, 4 pk/cs
P4685-27	7079-2N	2mL cap	175/pk, 4 pk/cs
P4685-28	7079-5N	5mL cap	240/pk, 4 pk/cs
P4685-29	7079-10N	10mL cap	120/pk, 6 pk/cs

### PYREX® Disposable Sterile Serological Pipettes

CORNING - These borosilicate glass serological pipettes are calibrated to deliver and come in sealed polyethylene bags for sterility. Standard-tip pipettes are packaged in convenient flip-top canister packs. Color-coded packaging allows easy identification of pipette size. Choose from wide-tip pipettes, which help prevent clogging and standard-tip pipettes. Do not pipette by mouth. Use of a mechanical pipetting device is suggested.

Cat. No.	Mfr. No.	Description	Qty.
<b>Standard-tip pipettes</b>			
P4646-21	7078D-1	Yellow	500/cs
P4646-25	7078D-5	Blue	400/cs
P4646-210	7078D-10	Orange	400/cs

### Stripette® Disposable Plastic Serological Pipettes

CORNING - The special color-coded vertical stripe on these pipettes makes volume reading easy and allows convenient identification by size. The pipettes are constructed of high-grade polystyrene with dark graduations. The bidirectional graduations on the 5, 10 and 25mL size pipettes provide you with a choice of reading ascending or descending scales, as your application requires. An integral extruded tip in the 1 and 5mL sizes reduces chance of leakage in the tip area. Pipettes are sterile and certified non-pyrogenic. Available individually-wrapped in plastic/paper and all-plastic packaging, bulk packed in bags and cleanroom packed. Pipettes that are cleanroom packed are individually-wrapped in paper/plastic wrap, triple bagged and have a sterility assurance level (SAL) of  $10^{-6}$ . Do not pipette by mouth. Use of a mechanical pipetting device is suggested.

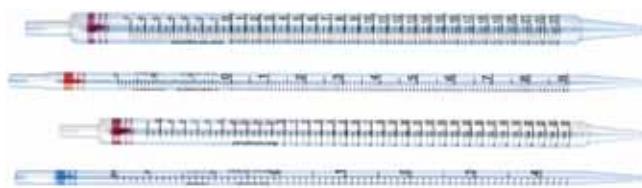
Cat. No.	Mfr. No.	Description	Qty.
<b>Individually-wrapped, paper/plastic wrap</b>			
CC4488	4488	10mL, orange	200/cs
<b>Individually-wrapped, all-plastic wrap</b>			
CC4051	4051	5mL, blue	200/cs
CC4101	4101	10mL, orange	200/cs
CC4251	4251	25mL, red	200/cs
<b>Bulk packed</b>			
CC4010	4010	1mL, yellow	1,000/cs
CC4050	4050	5mL, blue	500/cs

## Pricing

Please call your sales or customer service representative to check up-to-the-minute pricing and availability.

# Liquid Handling

## Serological Pipettes/Dispenser Syringe Pipettor



P4675-125, P4675-110, P4675-25X, P4675-15 shown top to bottom

### BD Falcon™ Disposable Serological Pipets

BD - BD Falcon™ serological pipets offer crisp, dark, easy-to-read standard graduations and negative graduations for overfill capacity. All except the 1mL size have reverse graduations. A graduation alignment marker allows graduations to be brought to line of sight prior to complete removal from packaging. The pipets are gamma irradiated, nonpyrogenic, color coded and plugged. Choose from individually-wrapped or multipack, depending on your requirements.

Cat. No.	Mfr. No.	Description	Qty.
<b>Individually-packaged pipets, paper/plastic thermoformed wrap</b>			
<b>P4675-11</b>	357520	1mL	1,000/cs
<b>P4675-510</b>	357522	1mL	200/cs
<b>P4675-11X</b>	357521	1mL	10/cs
<b>P4675-15</b>	357543	5mL	4/cs
<b>P4675-110</b>	357551	10mL	200/cs
<b>P4675-125</b>	357525	25mL	200/cs
<b>P4675-25X</b>	357535	25mL	200/cs
<b>P4675-111</b>	357550	50mL	4/cs
<b>Multipacked pipets</b>			
<b>P4675-1A</b>	357503	1mL	25/pk, 40 pk/cs
<b>P4675-1X</b>	357506	1mL	25/pk, 40 pk/cs
<b>P4675-4</b>	357508	2mL	1,000/cs
<b>P4675-5</b>	357529	5mL	1/pk, 2 pk/cs
<b>P4675-10</b>	357530	10mL	25/pk, 20 pk/cs



### Repeater® Plus Handheld Dispenser

EPPENDORF - For quick, convenient, repetitive dispensing, the Repeater® Plus Pipette offers a selection of 112 different volumes covering a range of 1µL to 10mL. Twenty volumes can be selected for each tip with a maximum of 100 dispensings per filling. The pipette's digital display features tip recognition and automatically indicates the dispensing volume. The positive displacement design of the tip is ideal for use with all solutions, including viscous and high vapor pressure solutions. Operation is smooth and easy, reducing the fatigue associated with repetitive work. Quick, snap-in tip mounting.

Cat. No.	Mfr. No.	Description	Qty.
<b>P5063-200</b>	22260201	Repeater® Plus pipette	1/ea



### PUMPMATIC® Sampling/Dispensing Syringes

ASHTON - These syringes are designed to provide fast and accurate sampling. Only one hand is needed to draw and dispense. Even small centrifuge samples can be transferred quickly or drop-by-drop to one or more containers. Syringes are made of polystyrene, which helps keep liquid readings flat and accurate. The disposable, one-piece syringes are unaffected by common aqueous or many organic fluids and help prevent cross-contamination resulting from attachable devices.

Cat. No.	Mfr. No.	Description	Qty.
<b>Sterile</b>			
<b>P5180-1</b>	101	1mL	100/cs
<b>P5180-5</b>	105	5mL	100/cs
<b>P5180-10</b>	110	10mL	100/cs
<b>Nonsterile</b>			
<b>P5180-11</b>	210	10mL	100/cs



### BD™ Tip Cap Trays

BD - Syringe tip cap with luer tip. Sterile. Bulk tray of 50.

Cat. No.	Mfr. No.	Description	Qty.
<b>BF305822</b>	305822	50 tip caps per tray	20 trays/carton, 4 cartons/cs



### Nonsterile Transfer Pipette

CARDINAL HEALTH - Use our 7mL polyethylene transfer pipette for routine sampling of serum, blood and other biological fluids. It is ideal for urine analysis and tissue and blood culture applications. Precision cut tips deliver uniform drop size every time. Nonsterile. Length: 6 in. Draw: 3.2mL.

Cat. No.	Description	Size	Qty.
P5214-10V	Transfer pipette	7mL	500/pk, 10 pk/cs



### Corning® Disposable Glass Pasteur Pipets

CORNING - Use these disposable glass pipets for rapid non-volumetric transfer work in bacteriology, immunology, hematology and serology studies as well as blood bank and clinical chemistry procedures. One-time use helps reduce cross-contamination. The nonsterile, non-plugged pipets feature a constriction 1 in. below the top to facilitate plugging. Do not pipette by mouth. Use of a mechanical pipetting device is suggested.

Cat. No.	Mfr. No.	Description	Qty.
P5216-1A	7095B-5X	5.75 in.	1,000/cs
P5216-2A	7095B-9	9 in.	1,000/cs



### Disposable General-Purpose Transfer Pipettes

AZER SCIENTIFIC - These disposable, nonsterile polyethylene pipettes with bulb are designed for the quick and safe transfer of fluids and can help you to prevent cross contamination of samples. The pipettes are ideal for use in most laboratories and research facilities, especially in hematology, urinalysis, chemistry and blood banking applications.

Cat. No.	Mfr. No.	Description	Qty.
ES-0138	ES-0138	Graduated pipette, 7mL capacity	500/pk, 10 pk/cs



### BD Falcon™ Disposable Sterile Aspirating Pipets

BD - These individually-wrapped, easy-to-use aspirating pipets are unplugged and have no graduations. Made of polystyrene, they are sterile and nonpyrogenic. Do not pipet by mouth. Use of a mechanical pipetting device is suggested.

Cat. No.	Mfr. No.	Description	Qty.
P4675-16	357558	2mL	200/cs



### BD Falcon™ Transfer Pipets

BD - These 6 in. polyethylene transfer pipets are graduated at 1 and 2mL and draw 3mL with just one squeeze. The sterile pipets are individually-wrapped, and nonsterile pipets are bulk packaged 500 per dispenser.

Cat. No.	Mfr. No.	Description	Qty.
7575	357575	Sterile	500/cs
7524	357524	Nonsterile	1,000/cs

## If you don't see what you are looking for ... contact us.

If you don't see the product you are looking for, just pick up the phone and ask your sales or customer service representative to assist you. Visit our website at [cardinalhealth.com](http://cardinalhealth.com) for more information.

Customer Service: 800.964.5227

# Liquid Handling

## Transfer Pipettes



### Disposable Pasteur Pipettes

COPAN DIAGNOSTICS - Ideal for transferring and dispensing liquids safely in all types of laboratories, these pipettes help eliminate the risk of cross-contamination. They are produced in low-density polyethylene. They can be heat-sealed and frozen at very low temperatures. Sterile pipettes are packaged in medical-grade paper and atoxic film.

Cat. No.	Mfr. No.	Description	Qty.
<b>Sterile narrow-stem pipettes</b>			
P6214-15S	202CS01	4mL	500/bx
<b>Sterile graduated pipettes</b>			
P6214-1S	201CS01	5mL - individually-wrapped	500/bx
P6214-20S	201CS20	5mL - 20/pouch	500/bx
P6214-22S	200CS01	7mL	500/bx
<b>Nonsterile general-purpose pipettes</b>			
CP6214-5B	219C	3mL	500/bx
<b>Nonsterile graduated pipettes</b>			
CP6214-11A	218C	3mL	500/bx
CP6214-12	201C	5mL	500/bx
CP6214-33	200C	7mL	500/bx
<b>Nonsterile blood bank pipette</b>			
CP6214-18	212C	5mL	500/bx



### Transfer Pipettes

EVERGREEN SCIENTIFIC - These one-piece transfer pipettes eliminate the preparation and risks of using glass Pasteur pipettes. The polyethylene material is shatterproof, inert and has a low-affinity surface to minimize sample loss due to binding.

Cat. No.	Mfr. No.	Description	Qty.
2301580020	230-1580-020	3.5mL, graduated	500/pk
230157702A	230-1577-020	3.5mL, general purpose	500/pk



### Disposable Borosilicate Pasteur Transfer Pipette

KIMBLE CHASE - Use these Pasteur-type pipettes that are made of borosilicate glass for one-time use in the transfer of small volumes.

Cat. No.	Mfr. No.	Description	Qty.
P3701-05	883350 0575	5¾ in.	250/cs

### Sterile Fine-Tip Transfer Pipette

SARSTEDT - LD-PE transfer pipette has a 3.5mL bulb volume and molded graduation marks in 0.25mL increments to 1mL. The transfer pipette features a fine tip with a drop size range of 30 to 45µL. Transfer pipettes are packaged 20 per bag and sterile.

Cat. No.	Mfr. No.	Description	Qty.
S861172020	86.1172.020	Volume: 3.5mL	1,000/pk, 4 pk/cs



### Dropette® Disposable Transfer Pipettes

SIMPORT PLASTICS - These disposable LDPE transfer pipettes are shatter- and break-resistant. Pipettes are safe for use in liquid nitrogen and feature a uniform drop size. There are no bulbs to insert or remove as the pipettes come complete and draw 3.2mL. Temperature range: -196° to +90°C. Pipette is graduated at 0.5, 1, 1.5 and 2mL. Pipette has a total length 15.5cm and a capacity of 7mL.

Cat. No.	Mfr. No.	Description	Qty.
P200-72	P200-72	Nonsterile	500/pk, 10 pk/cs

### Thermo Scientific Samco Fine Tip Transfer Pipettes

THERMO FISHER SCIENTIFIC - These fine tip transfer pipettes are excellent for the precise dispensing of small drops (45 to 50 per mL) into microbiological ID strips, ELISA plates and other small volume containers such as microcentrifuge and precipitation tubes. They are also ideal for removing cell layers, separating pediatric blood samples, filling electrophoresis wells, spotting chromatography plates and other similar applications.

Cat. No.	Mfr. No.	Description	Qty.
<b>Extended fine tip, standard</b>			
P5214-26	235	Nonsterile - 15.7cm total length - 5.8mL capacity - 3.5mL bulb draw	500/pk, 10 pk/cs
P5214-238	235-20S	Sterile - 15.7cm total length - 5.8mL capacity - 3.5mL bulb draw	500/pk, 8 pk/cs
<b>Extended fine tip, small bulb</b>			
P5214-24	231	Nonsterile - 10.4cm total length - 1.5mL capacity - 1mL bulb draw	400/pk, 8 pk/cs
P5214-231	231-1S	Sterile - 10.4cm total length - 1.5mL capacity - 1mL bulb draw individually-wrapped	400/pk, 8 pk/cs
<b>Extended fine tip, large bulb</b>			
P5214-25	233	Nonsterile - 15.3cm total length - 5mL capacity - 3.3mL bulb draw	250/pk, 8 pk/cs
P5214-234	233-20S	Sterile - 15.3cm total length - 5mL capacity - 3.3mL bulb draw	500/pk, 8 pk/cs
<b>Fine tip, standard</b>			
P5214-13	232-11	Nonsterile - 14.7cm total length - 5.8mL capacity - 3.3mL bulb draw	500/pk, 10 pk/cs
P5214-28	232-20S	Sterile - 14.7cm total length - 5.8mL capacity - 3.3mL bulb draw	500/pk, 8 pk/cs



### Thermo Scientific Samco General-Purpose Transfer Pipettes

THERMO FISHER SCIENTIFIC - Use these pipettes for routine sampling of serum, plasma and other biological fluids. They are ideally suited for blood culture and urine analysis and are excellent for tissue culture applications.

Cat. No.	Mfr. No.	Description	Qty.
<b>Standard pipettes</b>			
P5214-284	202	Sterile - 15.6cm total length - 7.7mL capacity - 3.2mL bulb draw	500/pk, 10 pk/cs
P5214-10S	202-1S	Sterile - 15.6cm total length - 7.7mL capacity - 3.2mL bulb draw individually-wrapped	500/pk, 8 pk/cs
P5214-110	202-10S	Sterile - 15.6cm total length - 7.7mL capacity - 3.2mL bulb draw	10/bg, 50 bg/pk, 8 pk/cs
P5214-22S	202-20S	Sterile - 15.6cm total length - 7.7mL capacity - 3.2mL bulb draw	20/bg, 25 bg/pk, 8 pk/cs
<b>Standard pipettes with large bulb</b>			
P5214-21	204	Nonsterile - 15.1cm total length - 8mL capacity - 4.6mL bulb draw	400/pk, 10 pk/cs
P5214-210	204-1S	Sterile - 15.1cm total length - 8mL capacity - 4.6mL bulb draw individually-wrapped	400/pk, 8 pk/cs
<b>3 in. pipettes</b>			
P5214-23	273	Nonsterile - 8.7cm total length - 1.7mL capacity - 0.9mL bulb draw	500/pk, 8 pk/cs
<b>5 in. B/B-PET pipettes (blood bank)</b>			
P5214-5B	335-11	Nonsterile - 12.9cm total length - 4mL capacity - 1.9mL bulb draw	400/pk, 10 pk/cs
P5214-336	335-20S	Sterile - 12.9cm total length - 4mL capacity - 1.9mL bulb draw	25/bg, 500/pk, 8 pk/cs
<b>6 in. B/B-PET pipettes (blood bank)</b>			
P5214-30	336	Nonsterile - 15.4cm total length - 5mL capacity - 1.9mL bulb draw	500/pk, 10 pk/cs
P5214-6	336-1S	Sterile - 15.4cm total length - 5mL capacity - 1.9mL bulb draw individually-wrapped	500/pk, 8 pk/cs
P5214-610	336-10S	Sterile - 15.4cm total length - 5mL capacity - 1.9mL bulb draw	50/bg, 500/pk, 8 pk/cs



### Thermo Scientific Samco Graduated Transfer Pipettes

THERMO FISHER SCIENTIFIC - These graduated Pipettes are appropriate for more accurate volume measurements. A broad selection of stem sizes allows you to sample from a large range of tubes and containers. Their accuracy is approximately +10%.

Cat. No.	Mfr. No.	Description	Qty.
<b>Graduated to 1mL, small bulb</b>			
P5214-11	212	Nonsterile - 14cm total length - 3.9mL capacity - 2.2mL bulb draw	500/pk, 10 pk/cs
P5214-212	212-1S	Sterile - 14cm total length - 3.9mL capacity - 2.2mL bulb draw individually-wrapped	500/pk, 8 pk/cs
<b>Graduated to 1mL, large bulb</b>			
P5214-12	222	Nonsterile - 15.5cm total length - 5.8mL capacity - 3.4mL bulb draw	500/pk, 10 pk/cs
P5214-1S	222-1S	Sterile - 15.5cm total length - 5.8mL capacity - 3.4mL bulb draw individually-wrapped	500/pk, 8 pk/cs
P5214-20S	222-20S	Sterile - 15.5cm total length - 5.8mL capacity - 3.4mL bulb draw	500/pk, 8 pk/cs
<b>Graduated to 3mL, large bulb</b>			
P5214-33	225	Nonsterile - 15.5cm total length - 7.5mL capacity - 3.2mL bulb draw	500/pk, 10 pk/cs
P5214-225	225-1S	Sterile - 15.5cm total length - 7.5mL capacity - 3.2mL bulb draw individually-wrapped	500/pk, 8 pk/cs
P5214-226	225-20S	Sterile - 15.5cm total length - 7.5mL capacity - 3.2mL bulb draw	20/bg, 25 bg/pk, 8 pk/cs
<b>Graduated to 2mL (blood bank)</b>			
P5214-18	274	Nonsterile - 15.2cm total length - 4.8mL capacity - 1.8mL bulb draw	500/pk, 10 pk/cs
P5214-276	274-1S	Sterile - 15.2cm total length - 4.8mL capacity - 1.8mL bulb draw individually-wrapped	500/pk, 8 pk/cs
P5214-275	274-20S	Sterile - 15.2cm total length - 4.8mL capacity - 1.8mL bulb draw	500/pk, 8 pk/cs
<b>Graduated to 0.3mL (pediatric)</b>			
P5214-19A	282	Nonsterile - 11.6cm total length - 1.5mL capacity - 0.8mL bulb draw	500/pk, 8 pk/cs

### Thermo Scientific Samco Mini Fine Tip POC Transfer Pipette

THERMO FISHER SCIENTIFIC



Cat. No.	Mfr. No.	Description	Qty.
P5214-620A	697NL	Transfer pipette - 0.025mL	500/pk, 10 pk/cs

# Liquid Handling

## Transfer Pipettes/Volumetric Pipettes



### Thermo Scientific Samco Narrow-Stem Transfer Pipettes

THERMO FISHER SCIENTIFIC - These narrow-stem pipettes are used for blood bank applications such as sedimentation procedures, storage and transport. The long, flexible stem can be bent to draw liquids from narrow or small volume tubes into the bulb. These pipettes can be heat-sealed to serve as liquid-tight storage and transport vessels.

Cat. No.	Mfr. No.	Description	Qty.
<b>Short stem</b>			
P5214-14A	241	Nonsterile - Sedi-Pet 6.4cm total length - 1.2mL capacity - 9mL bulb draw	500/pk, 8 pk/cs
<b>Standard</b>			
P5214-15	251	Nonsterile - Sedi-Pet 15.5cm total length - 4.6mL capacity - 3.3mL bulb draw	500/pk, 10 pk/cs



### Expertise

Cardinal Health is an experienced, dependable partner that knows the lab business and solves problems.

- 60 years of experience serving laboratories.
- Dependable service, with tenured representatives who are committed to understanding and attending to customers' needs.
- Sales representatives who help educate lab managers about their options with comparative information about different manufacturers and products.
- Specialty customer service team that manages high-volume, high-value and perishable materials.
- Extensive supply chain and logistics expertise.



### KIMAX® Class A Serialized and Certified Volumetric Pipettes

KIMBLE CHASE - Each of these KIMAX® volumetric pipettes has a permanently marked individual serial number and is autoclavable. They are carefully selected to meet the requirements for accuracy, appearance, glass quality, calibration line and inscription of former NBS Circular 602. Pipettes are color-coded and reusable. They are supplied with a certificate of graduation accuracy. Pipettes are designed according to ASTM Specification E969, Class A requirements.

Cat. No.	Mfr. No.	Description	Qty.
P3700-023	37010 1	1mL, blue	12/cs
P3700-028	37010 3	3mL, black	12/cs
P3700-029	37010 5	5mL, white	12/cs



### PYREX® Class A Certified and Serialized Volumetric Pipettes with Colored Markings

CORNING - These ruggedly constructed pipettes have colored enamel graduations and markings and a fire-polished top and tip. The pipettes are calibrated to Class A tolerances in accordance with ASTM E542 and ASTM E969. Each pipette is individually-serialized and supplied with a certificate of identification and capacity, traceable to NIST standards. Sizes 1 to 25mL feature bands at the top that are color-coded by size for easy identification and sorting. Do not pipette by mouth. Use of a mechanical pipetting device is suggested.

Cat. No.	Mfr. No.	Description	Qty.
P4188-1	7101-1	1mL, blue	6/cs
P4188-3	7101-3	3mL, black	6/cs
P4188-5	7101-5	5mL, white	6/cs



### PYREX® Class A Volumetric Pipettes with Colored Markings

CORNING - These volumetric pipettes are calibrated to deliver and meet Class A requirements per ASTM E969. The pipettes are ruggedly constructed and properly proportioned for ease of manipulation. The long delivery stem enables solutions to be conveniently transferred. All pipettes include colored graduations. Sizes 1 to 25mL have color-coded bands at the top for easy identification and sorting. Do not pipette by mouth. Use of a mechanical pipetting device is suggested.

Cat. No.	Mfr. No.	Description	Qty.
P4185-1A	7100-1	Blue	12/cs
P4185-2A	7100-2	Orange	12/cs
P4185-3A	7100-3	Black	12/cs
P4185-5A	7100-5	White	12/cs
P4185-10A	7100-10	Red	12/cs

# Microscope Slides

## Accessories: Lens Cleaner and Paper

### Lens Cleaner

**CARDINAL HEALTH** - Our lens cleaner cleans most optical glass surfaces such as absorption cells, microscope optics and filters. It contains no abrasives, coating agents or silicones to scratch, etch or film the glass surface or interfere with its clarity. It is designed not to impair cemented lens elements.



Cat. No.	Description	Qty.
M6015	Lens cleaner	6/pk

### Lens Paper

**CARDINAL HEALTH** - Our extra soft and silky lens papers are free of dust and particles that may cause scratching. 12 booklets of paper per package.



Cat. No.	Description	Qty.
P1055	4 x 6 in. - 50 sheets	12/pk
P1056	6 x 8 in. - 100 sheets	12/pk

## Accessories: Pocket Zoom Microscope/Slide Cabinets, Storage and Mailers

### Illuminated Pocket Zoom Microscope

**CARDINAL HEALTH** - Our pocket microscope has a zoom magnification from 60 to 100 power with brilliant illumination. Turning a single knob produces a smooth, solid focus. Unit includes two AA batteries, vinyl carrying case and slide viewing stand. Dimensions (W x D x H): 1.9 x 1 x 5.75 in. Wt. 3 oz.



Cat. No.	Description	Qty.
H9506-7	Illuminated pocket zoom microscope	1/ea

### Index Card Slide Cabinets

**CARDINAL HEALTH** - Our cabinet is designed to store index card microscope slide holder M6310-1. You can also use the cabinet to store all types of data on 3 x 5 in. cards. The top and bottom are specially slotted to facilitate stacking. It can also be set up side-by-side on a benchtop. The all-steel cabinet is finished in smooth gray enamel and has a nickel-plated handle and label holder. Four rubber feet help prevent damage to bench or desktops. Positive drawer stop helps eliminate spills. Cabinet holds up to 100 index card slide holders (not included). Each card holds four slides for a total capacity of 400 slides. Dimensions (W x D x H): 6 $\frac{1}{16}$  x 16 $\frac{3}{16}$  x 5 $\frac{1}{8}$  in.



Cat. No.	Description	Qty.
M6310-5	Index card slide cabinet	1/ea

### Slide Storage Cabinets

**CARDINAL HEALTH** - Our sturdy metal cabinet stores slides in convenient pull-bar drawers with adjustable plastic dividers. Removable drawers feature ball suspension design to help prevent accidental pullout. Cabinets lock together when stacked, allowing you additional levels of stable storage on the same amount of counter space. Base is mounted on rubber feet to help protect bench surfaces. Cabinet is finished in beige powder coat for easy cleaning and durable service. Unit accommodates up to 5,000 slides.

Cat. No.	Description	Qty.
M6360-2P	Slide storage cabinet	1/ea
M6362-1	Base unit	1/ea

### Deluxe Slide Boxes

**CARDINAL HEALTH** - Our slide box with molded plastic insert holds 100 standard 3 x 1 in. or 75 x 25mm slides. It features an index on the inside cover for recording slide titles. Numbered slots for individual slides correspond to the numbered index. The black grain finished cardboard box has a durable wooden frame. The tight-fitting cover has two metal hinges and a metal catch. Dimensions (W x L x H): 7 $\frac{3}{4}$  x 9 $\frac{3}{4}$  x 1 $\frac{1}{4}$  in.



Cat. No.	Description	Qty.
M6285-1	Deluxe slide box	48/cs

# Microscope Slides

## Accessories: Slide Storage and Mailers

### Pop-Up Slide Folders

**CARDINAL HEALTH** - Slides can be handled without contamination with our slide folder. The compartments are recessed so slides cannot be touched when the cover is closed. Slides pop up with slight pressure at one end. Index on cover corresponds to numbered compartment. Folder holds 20 standard 3 x 1 in. or 75 x 25mm slides and is made of heavy pressed cardboard. Cover is attached with durable tape and folds flat under the slide holder to save space when in use. Dimensions (W x L x H): 8 x 13½ x 1½ in.



Cat. No.	Description	Qty.
M6305	Pop-up slide folder	12/bx, 72/cs

### Five-Slide Mailers

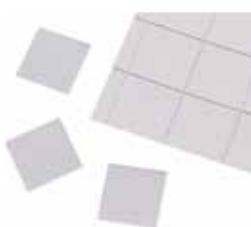
**CARDINAL HEALTH** - Our opaque polypropylene slide mailer/storage box features precisely molded partitions, which keep slides separate and help prevent breakage. This smooth-cornered box has an integral hinged lid. The durable box protects slides during mailing. Mailer is disposable and not intended for reuse.



Cat. No.	Description	Qty.
M6271	5-slide mailer	100/pk, 10 pk/cs

### Microscope Slide Labels

**CARDINAL HEALTH** - Our easy-to-use, pressure-sensitive labels have tissue-high thickness and permanent adhesive. They are ideal for filing and long-term storage of slides. Slide label M6260-3 is custom-imprinted with hospital name, department, etc.—ask your sales or customer service representative for details.



Cat. No.	Description	Qty.
<b>Blank labels</b>		
M6260-1	12 x 24mm	1,000/pk
M6260-2	24 x 24mm	1,000/pk
<b>Custom-imprinted label</b>		
M6260-3	24 x 24mm	1,000/pk

### Index Card Microscope Slide Holders

**CARDINAL HEALTH** - Our slide holder accepts standard 3 x 1 in. and 75 x 25mm slides of any thickness. It is a versatile, compact and convenient identification system for organization and classification of slides. The holder consists of a 3 x 5 in. card fitted with a protective plastic slide frame to keep slides from touching. The visible four-position index tabs permit a variety of indexing systems to be used. Numbered lines ruled at the top of the card are keyed to numbered slots. The system is designed for expansion and new cards can be inserted at any time. Each card holds four slides.



Cat. No.	Description	Qty.
M6310-1	Index card microscope slide holder	12/pk



### Slide Incubation Chambers and Slide Holders

**CARDINAL HEALTH** - Many immunoassays require the incubation of slides in a moist atmosphere away from direct sunlight. The slide incubation chambers were designed to perform this function. The large chamber comes with three lift-out trays, each capable of holding up to four standard 25 x 75mm microscope slides. The slide capacity can be expanded to 16 by purchasing an additional slide tray, which conveniently fits in sequence next to the others. A smaller slide incubation chamber is available with one lift-out tray capable of holding three slides. To use, place moist sponges or paper towels in the bottom of the chamber. The smoked acrylic construction repels light and the sloped cover prevents condensation from dripping onto the slides. The slide holders are made of solid polyethylene and are excellent for organizing slides in a small space. Each slot is angled 10° to provide maximum drying and visualization of the slide.

Cat. No.	Description (H x W x D) in.	Qty.
S1389-18	Slide incubation chamber, small - 2½ x 4 x 5	1/ea
S1389-136	Slide incubation chamber, large - 3 x 12¾ x 7½	1/ea
S1389-20	Extra 4-slide tray - 5¼ x 3 x ¾	1/ea
S1389-19	Slide holder, 2 slots for 8 slides - 1 x 4 x 3	1/ea
S1389-21	Slide holder, 5 slots for 20 slides - 1 x 4 x 6	1/ea
S1389-22	Slide holder, 11 slots for 44 slides - 1 x 4 x 11¾	1/ea
S1389-23	Slide holder, 11 slots for 77 slides - 1 x 7 x 11¾	1/ea

# Microscope Slides

## Cover Glass/Coverslips

### Hemacytometer Cover Glass

**CARDINAL HEALTH** - Our hemacytometer cover glass is made of highly polished, hard-ground glass containing a minimum of free alkali.



Cat. No.	Description	Qty.
B4005	Hemacytometer cover glass - 20 x 26 x 0.4mm	12/pk, 144/cs

### Plastic Coverslips

**CARDINAL HEALTH** - Use our disposable plastic coverslips for immediate wet preparations, such as urine and direct feces smears for fats or parasites, which are discarded after use. 0.2286 to 0.2794mm thick. Clear, noncurling and break-resistant.



Cat. No.	Description	Qty.
M6100	Plastic coverslip - 22 x 22mm	100/bx



### Superslip® Coverslips and Cover Glass

**CARDINAL HEALTH** - Our Superslip® coverslips are specifically designed for use on instruments that automatically apply cover glass, but they also perform well for manual coverslipping in humid environments. These easy-to-use coverslips contain a desiccant and are made to reduce sticking and jamming in coverslippers.

Our quality cover glasses offer superior resistance to corrosion. Thickness and flatness are uniform. No. 1 thickness is 0.13 to 0.17mm; no. 1½ thickness is 0.16 to 0.19 mm and no. 2 thickness is 0.17 to 0.25mm. Cover glasses are completely free from striae, oily films and fingerprints. All cover glasses are packed in a clear, rigid styrene box with semisoft, lint-free foam interior.

*Superslip®* is a registered trademark of Erie Scientific.

Cat. No.	Description	Qty.
<b>Superslip® coverslips</b>		
M6043-4	Coverslip - 24 x 30 x 1mm	10 oz./cs
M6043-1	Coverslip - 24 x 40 x 1mm	10 oz./cs
M6043-2	Coverslip - 24 x 50 x 1mm	10 oz./cs
M6043-3	Coverslip - 24 x 50 x 1½mm	10 oz./cs
M6043-5	Coverslip - 24 x 55 x 1mm	10 oz./cs
<b>No. 1 cover glass</b>		
M6045-1	Cover glass - 18 x 18mm	10 oz./cs
M6045-2	Cover glass - 22 x 22mm	10 oz./cs

Cat. No.	Description	Qty.
<b>No. 1 cover glass (continued)</b>		
M6045-3	Cover glass - 22 x 30mm	10 oz./cs
M6045-4	Cover glass - 22 x 40mm	10 oz./cs
M6090-5	Cover glass - 22 x 70mm	10 oz./cs
M6045-6	Cover glass - 22 x 50mm	10 oz./cs
M6045-7	Cover glass - 24 x 30mm	10 oz./cs
M6045-8	Cover glass - 24 x 40mm	10 oz./cs
M6045-9	Cover glass - 24 x 50mm	10 oz./cs
M6043-7A	Cover glass - rectangular 24 x 50mm	10 oz./cs
M6045-10	Cover glass - 24 x 60mm	10 oz./cs
M6045-11	Cover glass - 24 x 55mm	10 oz./cs
<b>No. 1½ cover glass</b>		
M6047-2	Cover glass - 22 x 22mm	10 oz./cs
M6047-3	Cover glass - 22 x 30mm	10 oz./cs
M6047-4	Cover glass - 22 x 40mm	10 oz./cs
M6047-6	Cover glass - 22 x 50mm	10 oz./cs
M6047-8	Cover glass - 24 x 40mm	10 oz./cs
M6047-9	Cover glass - 24 x 50mm	10 oz./cs
M6047-10	Cover glass - 24 x 60mm	10 oz./cs
<b>No. 2 cover glass</b>		
M6050-1	Cover glass - 18 x 18mm	10 oz./cs
M6050-2	Cover glass - 22 x 22mm	10 oz./cs
M6050-3	Cover glass - 22 x 30mm	10 oz./cs
M6050-4	Cover glass - 22 x 40mm	10 oz./cs
M6050-6	Cover glass - 22 x 50mm	10 oz./cs
M6050-7	Cover glass - 24 x 30mm	10 oz./cs
M6050-8	Cover glass - 24 x 40mm	10 oz./cs
M6050-9	Cover glass - 24 x 50mm	10 oz./cs
M6050-10	Cover glass - 24 x 60mm	10 oz./cs



See pages 57-71 of our **Histology Catalog** for a comprehensive offering of **laboratory slides and supplies**.

Visit [www.cardinalhealth.com/histology](http://www.cardinalhealth.com/histology) for more information.

# Microscope Slides

## Cover Glass/Coverslips/Charged Adhesion Slides



### Cover Glass Slips

**CORNING** - These cover glass slips are designed specifically for attachment to microscope slides to preserve and protect samples. They are ideal for making blood smears suitable for microscopic examination. Slips are made from 7740 borosilicate glass.

Cat. No.	Mfr. No.	Description	Qty.
<b>No. 1 thickness</b>			
<b>C4534-85A</b>	2845-22	22 x 22mm	1/bx
<b>C4534-90A</b>	2975-244	24 x 40mm	1/bx
<b>No. 1½ thickness</b>			
<b>C4534-82A</b>	2980-245	24 x 50mm	1/bx
<b>No. 2 thickness</b>			
<b>C4534-95A</b>	2855-22	22 x 22mm	1/bx

### Hemacytometer Cover Glass

**PROPPER**

Cat. No.	Mfr. No.	Description	Qty.
<b>PR080001</b>	80001	Cover glass - 20 x 26mm	12/ea

### Select™ Cover Glass

**PROPPER** - Made of glass that is clear, fog- and corrosive-resistant, these cover glasses are supplied cleaned, washed and ready to use. Their plane surfaces are designed for uniform wetting. Packed 1 oz. per plastic box. 0.13 to 0.17mm thickness.



### Histology Control Plus Adhesion Slides

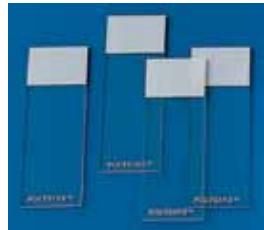
**CARDINAL HEALTH** - Ideal for staining procedures that require a control. Our control slides have spaces for both the patient sample and the control material. The control section is easily identified with a bright red or etched box. Plus slides are specially prepared to help ensure that the tissue sample remains on the slide. Control slides for use in automated instruments have a control box on the back surface of the slide. Slides measure 25 x 75 x 1mm.



Cat. No.	Description	Qty.
<b>M6172</b>	¾ in. white, etched box on back	2 bx/gr, 10 gr/cs
<b>M355</b>	¾ in. white, red box on back	2 bx/gr, 10 gr/cs
<b>M329</b>	¾ in. white, red box on front	2 bx/gr, 10 gr/cs
<b>M334</b>	1 in. white, red box on back	2 bx/gr, 10 gr/cs

### Polysine® Microscope Slides

**CARDINAL HEALTH** - The permanent adhesive material on our Polysine® slide attracts frozen tissue sections, paraffin embedded sections, cytocentrifuge preparations and cytology smears helping eliminate the need for extra adhesives or coating techniques. The slide's adhesive is ideal for immunocytochemical and molecular hybridization assays on cell preparations or tissue sections, since it is not affected by chemicals, enzyme predigestion or heating.



*Polysine® is a registered trademark of Erie Scientific.*

Cat. No.	Description	Qty.
<b>M6143</b>	75 x 25 x 1mm	144/gr, 10 gr/cs

### Superfrost® Plus Gold Slide

**CARDINAL HEALTH** - Our Superfrost® Plus gold slide is a specially designed adhesive slide that attracts and chemically bonds fresh or formalin-fixed frozen tissue sections to its surface. You can use it for hard-to-attach samples such as frozen breast, bone, brain or skin tissue. Recommended for tissue samples that are 5µ or larger. The surface of this slide also makes it ideal when you use special stains, immunocytochemical and in situ DNA hybridization techniques on fresh or fixed frozen tissue sections. Slide is compatible with toluidine blue, hematoxylin and eosin rapid frozen section stains.



*Superfrost® is a registered trademark of Erie Scientific.*

Cat. No.	Description	Qty.
<b>M6146GOLD</b>	25 x 75 x 1mm	25/bx

### Superfrost® Excell Adhesion Slides

**CARDINAL HEALTH** - Superfrost® Excell adhesion slides utilize the traditional Superfrost® tab, with excellent adhesion and wettability properties. Our advanced adhesive technology performs extremely well for heat induced epitope retrieval. Excell slides were developed for use in the HIER methods that require high pH antigen retrieval solutions, including EDTA. Formalin-fixed paraffin embedded tissue demonstrates more consistent attachment when performing these procedures on the Excell surface. Superfrost® Excell also performs well in the following applications: staining, cell culture, plastic and laser capture microdissection.

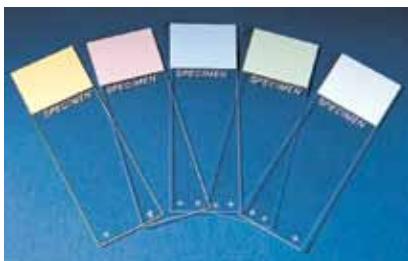


*Superfrost® is a registered trademark of Erie Scientific.*

Cat. No.	Description	Qty.
<b>M4941</b>	Excell adhesion slides - 25 x 75 x 1mm	2 bx/gr, 10 gr/cs
<b>M49414</b>	Excell adhesion slides with clipped corner - 25 x 75 x 1mm	2 bx/gr, 10 gr/cs

# Microscope Slides

# Charged Adhesion Slides



## **Superfrost® Plus and Colorfrost® Plus Slides**

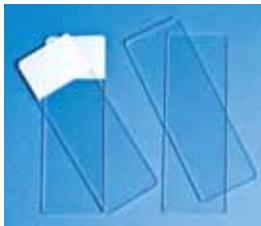
**CARDINAL HEALTH** - Our Superfrost® Plus and Colorfrost® Plus slides are made by a process that allows tissue sections to adhere better to the slide without the need for adhesives or protein coatings. They also help improve tissue adherence in microwave staining. Cytologic preparations placed on these slides resist cell loss during enzyme digestion, DNA denaturation and RNA hybridization.

The Superfrost® and Colorfrost® frosted coatings take and retain most laboratory marking methods. A written key tells which side is up and the raised coating separates slides to help eliminate sticking, scratching or abrasion.

*Superfrost® and Colorfrost® are registered trademarks of Erie Scientific.*

Cat. No.	Description	Qty.
<b>Superfrost® Plus slide</b>		
<b>M6146-PLUS</b>	25 x 75mm	10 gr/cs
<b>Colorfrost® Plus slides - 25 x 75 x 1mm</b>		
<b>M6148-3A</b>	Aqua	2 bx/gr, 10 gr/cs
<b>M6148-3B</b>	Blue	10 gr/cs
<b>M6148-3BO</b>	Burnt orange	2 bx/gr, 10 gr/cs
<b>M6148-3GL</b>	Gold	2 bx/gr, 10 gr/cs
<b>M6148-3G</b>	Green	10 gr/cs
<b>M6148-3L</b>	Lilac	2 bx/gr, 10 gr/cs
<b>M6148-3P</b>	Pink	10 gr/cs
<b>M6148-3T</b>	Tan	2 bx/gr, 10 gr/cs
<b>M6148-3Y</b>	Yellow	10 qr/cs

# Economy Slides



## Economy Nonselect Microscope Slides

**CARDINAL HEALTH** - These plain and frosted microscope slides measure 25 x 75 x 1mm thick.

<b>Cat. No.</b>	<b>Description</b>	<b>Qty.</b>
<b>301449</b>	Economy slide, plain - 25 x 75 x 1mm	2 pk/gr, 10 gr/cs
<b>M630-4</b>	Safety corner, plain - 25 x 75 x 1mm	2 pk/gr, 10 gr/cs
<b>301437</b>	Economy slide, frosted - 25 x 75 x 1mm	2 pk/gr, 10 gr/cs



## Permafrost Microscope Slides

**CARDINAL HEALTH** - Manufactured from the highest quality glass, our Permafrost slides have a  $\frac{3}{4}$  in. permanent tab for labeling and measure 25 x 75 x 1mm thick. Available in a variety of colors.

<b>Cat. No.</b>	<b>Description</b>	<b>Qty.</b>
<b>M940A</b>	Aqua	2 bx/gr, 10 gr/cs
<b>M642</b>	Blue	2 bx/gr, 10 gr/cs
<b>M940BO</b>	Burnt orange	2 bx/gr, 10 gr/cs
<b>M940GL</b>	Gold	2 bx/gr, 10 gr/cs
<b>M643</b>	Green	2 bx/gr, 10 gr/cs
<b>M940L</b>	Lilac	2 bx/gr, 10 gr/cs
<b>M644</b>	Pink	2 bx/gr, 10 gr/cs
<b>M940T</b>	Tan	2 bx/gr, 10 gr/cs
<b>M640</b>	White	2 bx/gr, 10 gr/cs
<b>M640-4</b>	White with safety corner	2 bx/gr, 10 gr/cs
<b>M646</b>	Yellow	2 bx/gr, 10 gr/cs



## Economy Select Microscope Slides

**CARDINAL HEALTH** - Our microscope slides are precleaned and measure 25 x 75 x 1mm. Slide M6147-ECO comes with one end frosted on one side.

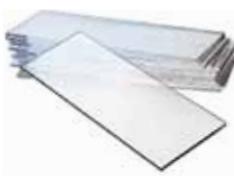
<b>Cat. No.</b>	<b>Description</b>	<b>Qty.</b>
<b>M6145-ECO</b>	Plain - 25 x 75 x 1mm	2 pk/gr, 10 gr/cs
<b>M6147-ECO</b>	Frosted end - 25 x 75 x 1mm	2 pk/gr, 10 gr/cs

# Microscope Slides

## General Use Slides

### Corning® Microscope Slides

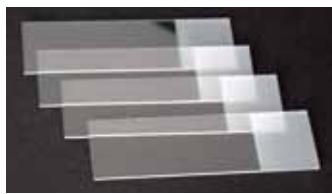
CORNING - These pre-cleaned, ready-to-use slides have fine ground edges and plain surfaces that are free from irregularities. They are water white for maximum clarity. Slides are 0.9 to 1.1mm thick.



Cat. No.	Mfr. No.	Description	Qty.
M6175	2947-75X25	75 x 25mm	1,440/cs
M6174	2947-75X50	75 x 50mm	1,440/cs

### Select™ Twin-Frost® Micro Slides

PROPPER - These clean, ready-to-use slides feature precision-ground edges. The slides provide a high-quality, opaque writing surface on both sides of one end. Corrosive- and fog-resistant. Measure 0.9 to 1mm in thickness.



Cat. No.	Mfr. No.	Description	Qty.
151123	151123	75 x 25mm	2/bx

## Instrumentation Slides

### Colormark® and Colormark® Plus Slides

CARDINAL HEALTH - Designed for use with automated slide labeling machines, our Colormark® slides offer excellent etched labeling visibility with a frosted coating that takes and retains most laboratory marking methods. A bright contrasting color is printed on the back of the frosted end so that patient or specimen information etched through the frosted end on the front is clearly visible. These slides are available in Superfrost® white coating or a choice of four Colorfrost® colored coatings. Colormark® slides are also available in Plus glass, which offers superior specimen adhesion. Slides are 25 x 75 x 1mm thick.



Colormark® and Colormark® Plus are registered trademarks of Erie Scientific.  
Superfrost® and Colorfrost® are registered trademarks of Erie Scientific.

Cat. No.	Description	Qty.
<b>Colormark® slides</b>		
M6159-2	Blue - 25 x 75 x 1mm	10 gr/cs
M6159-3	Green - 25 x 75 x 1mm	10 gr/cs
M6159-4	Pink - 25 x 75 x 1mm	10 gr/cs
M6159-1	White - 25 x 75 x 1mm	20 gr/cs
M6159-5	Yellow - 25 x 75 x 1mm	10 gr/cs
<b>Colormark® Plus slides</b>		
M6159-7	Blue - 25 x 75 x 1mm	10 gr/cs
M6159-8	Green - 25 x 75 x 1mm	10 gr/cs
M6159-9	Pink - 25 x 75 x 1mm	10 gr/cs
M6159-6	White - 25 x 75 x 1mm	10 gr/cs
M6159-10	Yellow - 25 x 75 x 1mm	10 gr/cs

### Superfrost® Clipped Corner Slides

CARDINAL HEALTH - Recommended for use in the Sysmex® SP-100 automated slide prep unit, our clipped corner slides offer exceptional cleanliness and resistance to sticking. Tighter tolerances on length and width help reduce accumulation of glass chips within the instrument. The precleaned slides measure 75 x 25mm and are approximately 1mm thick. Two packages of slides per gross.



Superfrost® is a registered trademark of Erie Scientific.

Sysmex® is a registered trademark of Sysmex Corporation.

Cat. No.	Description	Qty.
M4951-7A	Aqua - 25 x 75 x 1mm	10 gr/cs
M4951-1A	Blue - 25 x 75 x 1mm	10 gr/cs
M4951-8A	Burnt orange - 25 x 75 x 1mm	10 gr/cs
M4951-10A	Gold - 25 x 75 x 1mm	10 gr/cs
M4951-2A	Green - 25 x 75 x 1mm	10 gr/cs
M4951-6A	Lilac - 25 x 75 x 1mm	10 gr/cs
M4951-3A	Pink - 25 x 75 x 1mm	10 gr/cs
M4951-9A	Tan - 25 x 75 x 1mm	10 gr/cs
M4951-4A	White - 25 x 75 x 1mm	20 gr/cs
M4951-5A	Yellow - 25 x 75 x 1mm	10 gr/cs

### Colorfrost® Plus Inkjet Slides

CARDINAL HEALTH - These microscope slides are specifically designed for use with inkjet printing instruments. The printing instruments use chemical-resistant ink and print text and barcodes directly on the Colorfrost® tab of the microscope slide.

Colorfrost® is a registered trademark of Erie Scientific.

Cat. No.	Description	Qty.
M6151-15	Aqua	2 pk/gr, 10 gr/cs
M6151-11	Blue	2 pk/gr, 10 gr/cs
M6151-16	Burnt orange	2 pk/gr, 10 gr/cs
M6151-12	Green	2 pk/gr, 10 gr/cs
M6151-13	Pink	2 pk/gr, 10 gr/cs
M6151-17	Lilac	2 pk/gr, 10 gr/cs
M6151-18	Tan	2 pk/gr, 10 gr/cs
M6151-14	Yellow	2 pk/gr, 10 gr/cs

# Microscope Slides

## Instrumentation Slides

### Inkjet Adhesion Slides

**CARDINAL HEALTH** - These microscope slides are specifically designed for use with inkjet printing instruments. The printing instruments use chemical-resistant ink and print text and barcodes directly on the Colorfrost® and Superfrost® tab of the microscope slide. These slides are also available in Plus glass which offers excellent specimen adhesion. Slides are 25 x 75 x 1mm thick.

*Superfrost® and Colorfrost® are registered trademarks of Erie Scientific.*



#### Colorfrost® inkjet clipped corner slides

Cat. No.	Description	Qty.
M6151-6	Aqua	2 pk/gr, 10 gr/cs
M6151-2	Blue	2 pk/gr, 10 gr/cs
M6151-7	Burnt orange	2 pk/gr, 10 gr/cs
M6151-3	Green	2 pk/gr, 10 gr/cs
M6151-8	Lilac	2 pk/gr, 10 gr/cs
M6151-4	Pink	2 pk/gr, 10 gr/cs
M6151-9	Tan	2 pk/gr, 10 gr/cs
M6151-5	Yellow	2 pk/gr, 10 gr/cs
<b>Superfrost® inkjet clipped corner slides</b>		
M6151-1	White	2 pk/gr, 10 gr/cs

#### Superfrost® Plus Inkjet Clipped Corner Slides

**CARDINAL HEALTH** - These microscope slides are specifically designed for use with inkjet printing instruments. The printing instruments use chemical-resistant ink and print text and barcodes directly on the Superfrost® tab of the microscope slide.

*Superfrost® is a registered trademark of Erie Scientific.*

Cat. No.	Description	Qty.
M6151-10	White	2 pk/gr, 10 gr/cs

### Plain and Frosted Slides

#### 1mm Microscope Slides

**CARDINAL HEALTH** - Our 1mm glass slides are extremely resistant to scratching, corrosion and fogging. Slides are precleaned and individually selected for uniform quality. Convenient dispenser box contains approximately ½ gross. Slides are 25 x 75mm.



Cat. No.	Description	Qty.
M6145	Plain - 25 x 75mm	20 gr/cs
M6147	Frosted 1 end, 1 side - 25 x 75mm	20 gr/cs
M6159-28	Frosted 1 end, both sides - 25 x 75 x 1mm	10 gr/cs



#### 1.2mm Microscope Slides

**CARDINAL HEALTH** - Highly resistant to corrosion and moisture, our 1.2mm microscope slides are made of high-quality glass with edges that are ground smooth to help eliminate sharp cutting surfaces. They are available plain or with frosted ends in a variety of sizes.

Cat. No.	Description	Qty.
M6130	Plain, white glass - 3 x 1 in.	144/gr, 25 gr/cs
M6132	Frosted 1 end, 1 side, white glass - 3 x 1 in.	72/bx, 50 bx/cs
M6134	Frosted 1 end, both sides, white glass - 3 x 1 in.	144/gr, 25 gr/cs
M6140	Plain, white glass - 3 x 1½ in.	2 bx/gr, 5 gr/cs
M6141	Frosted 1 end, 1 side - 3 x 1 in.	144/gr, 10 gr/cs
M6142	For Kline and other agglutination tests, white glass - 3 x 2 in.	2 bx/gr, 5 gr/cs

### Need a product immediately?

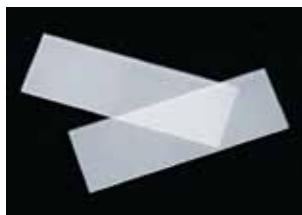
Call your sales or customer service representative right away. Your representative will check availability and pricing, place your order and follow through on a speedy delivery. Or visit us at [cardinalhealth.com](http://cardinalhealth.com).

# Microscope Slides

## Plain and Frosted Slides

### Dakin Slides

**CARDINAL HEALTH** - Our Dakin slides provide an optimal viewing and adhering surface for cytological specimens, such as smears for Papanicolaou staining. Each slide is fully frosted on one side so that the entire slide surface can be used for specimen location.



Cat. No.	Description	Qty.
M6150-1	25 x 75 x 1mm	10 gr/cs

### Superfrost® and Colorfrost® Slides

**CARDINAL HEALTH** - Our Superfrost® and Colorfrost® slides have a durable, easy-to-write-on, easy-to-read, brilliant opaque coating. The coating is impervious to virtually all common laboratory chemicals and reagents. A written key tells instantly which side is up and the raised coating separates slides to help eliminate sticking, scratching and abrasion. These slides also reduce the need for costly, time-consuming paper labeling. Slides have a 1mm thickness, except Slide M6131, which is 1.2mm thick.



Choose from colored slides, for convenient identification and opaque white slides. Slide M6146 may contain green glass. Slide M6156 is made from white glass.

*Superfrost® and Colorfrost® are registered trademarks of Erie Scientific.*

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Cat. No.	Description	Qty.
<b>Superfrost® white slides</b>		
<b>M6146</b>	White - 75 x 25mm	20 gr/cs
<b>M6156</b>	Premium white - 75 x 25mm	25 gr/cs
<b>4951F</b>	White - 3 x 1 in. x 1mm	10 gr/cs
<b>M6131</b>	White - 76.2 x 25.4 x 1.2mm	25 gr/cs
<b>Colorfrost® colored slides</b>		
<b>M6148-1A</b>	Aqua - 75 x 25mm	20 gr/cs
<b>M6148-1B</b>	Blue - 75 x 25mm	20 gr/cs
<b>M6148-1BO</b>	Burnt orange - 75 x 25mm	20 gr/cs
<b>M6148-1G</b>	Green - 75 x 25mm	20 gr/cs
<b>M6148-1GL</b>	Gold - 75 x 25mm	20 gr/cs
<b>M6148-1L</b>	Lilac - 75 x 25mm	20 gr/cs
<b>M6148-1P</b>	Pink - 75 x 25mm	20 gr/cs
<b>M6148-1T</b>	Tan - 75 x 25mm	20 gr/cs
<b>M6148-1Y</b>	Yellow - 75 x 25mm	20 gr/cs
<b>M6148-2B</b>	Blue - 75 x 25mm	20 pk/gr, 10 gr/cs
<b>M6148-2G</b>	Green - 75 x 25mm	20 pk/gr, 10 gr/cs
<b>M6148-2P</b>	Pink - 75 x 25mm	20 pk/gr, 10 gr/cs
<b>M6148-2Y</b>	Yellow - 75 x 25mm	20 pk/gr, 10 gr/cs

## Specialty Slides

### 45° Corners Microscope Slides

**CARDINAL HEALTH** - Our high-quality microscope slides are precleaned and feature 45° corners for ease of handling. Available with Superfrost® coating, plain or frosted on one end. Size: 25 x 75 x 1mm.



*Superfrost® is a registered trademark of Erie Scientific.*

Cat. No.	Description	Qty.
<b>M6146-2A</b>	Superfrost® coating - 25 x 75 x 1mm	20 gr/cs
<b>M6146-3A</b>	Plain - 25 x 75 x 1mm	10 gr/cs
<b>M6146-4A</b>	Frosted one end, one side - 25 x 75 x 1mm	10 gr/cs

### Bev-L-Edge® Microscope Slides

**CARDINAL HEALTH** - Use our microscope slides for blood smears and all routine microscopy. All four edges are uniformly beveled to facilitate spreading blood evenly. Clean-packed, ready-to-use. 3 x 1 in. slides are 0.9 to 1mm thick. Cartons are packed with two 10-gross cases that are sealed in aluminum foil to prolong shelf life and reduce the effects of high humidity and moisture. Packed in boxes of ½ gross each.



*Bev-L-Edge® is a registered trademark of Propper Mfg. Co. Inc.*

Cat. No.	Description	Qty.
<b>M6167-1</b>	Plain - 3 x 1 in.	20 gr/cs
<b>M6167-2</b>	Frosted one end, both sides - 3 x 1 in.	20 gr/cs

# Microscope Slides

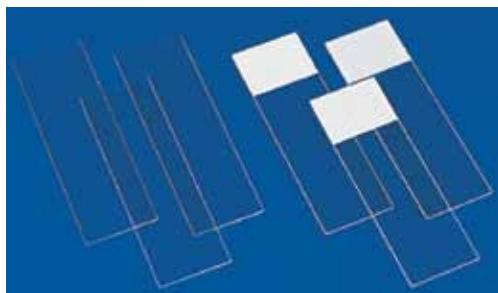
## Specialty Slides

### Fluorescent Slides

CARDINAL HEALTH - Designed for fluorescent antibody examination, our slides have two light frosted circles. The edges are completely ground to allow easy handling. Slides are 3 x 1 in. x 1mm thick.



Cat. No.	Description	Qty.
M6177	Frosted specimen marker - 3 x 1 in. x 1mm	144/gr
2961	Frosted - 3 x 1 in. x 1mm	144/gr



### Premium-Grade Microscope Slides

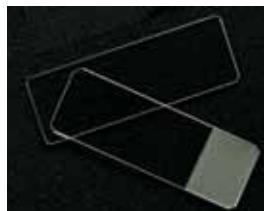
CARDINAL HEALTH - Our microscope slides are made of high-quality glass with fine texture and transparency. The edges are ground smooth to help eliminate sharp cutting surfaces. They are packed in a special thermoform plastic box to minimize exposure to moisture and dust.

*Superfrost® is a registered trademark of Erie Scientific.*

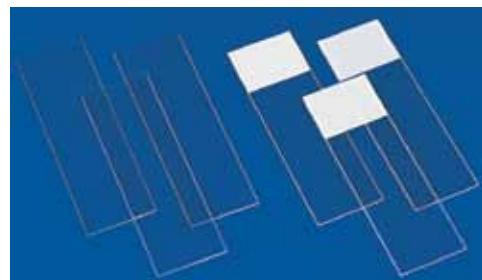
Cat. No.	Description	Qty.
M6157	Superfrost® coating - 25 x 75 x 1mm	72/bx, 25 gr/cs
M6146X	Superfrost® coating - 25 x 75 x 1mm	2 bx/gr, 40 bx/cs
M6155	Plain - 25 x 75 x 1mm	2 bx/gr, 25 gr/cs

### Pusher Slides

CARDINAL HEALTH - Our pusher slides are designed for hematology smears. Beveled edges and chamfered corners create a surface with uniform borders to aid in the determination of leukocyte distribution and facilitate more accurate white cell counts. Slides are 3 x 1 in. and 0.9 to 1mm thick. Packed ½ gross per box.



Cat. No.	Description	Qty.
M6167-10	Plain - 3 x 1 in.	72/bx, 2 bx/gr
M6167-11	Frosted one end, one side - 3 x 1 in.	72/bx, 2 bx/gr



### Royale™ Microscope Slides

CARDINAL HEALTH - Our high-quality white glass microscope slides provide consistent results and allow easy reading. They are precleaned twice to help eliminate debris and improve wettability. The edges are finely ground to produce a high-quality smear. Slides are packaged in a special thermoform plastic box to minimize exposure to moisture and dust.

*Royale™ is a trademark of Erie Scientific.*

*Superfrost® is a registered trademark of Erie Scientific.*

Cat. No.	Description	Qty.
M6158-1	Plain - 3 x 1 in. x 1mm	10/gr
301M	Plain - 3 x 1 in. x 1mm	25/gr
M6158-2	Superfrost® frosted end - 75 x 25 x 1mm	10/gr
M6158	Superfrost® frosted end - 3 x 1 in. x 1mm	25/gr



### Shandon Single Cytoslides™

THERMO SCIENTIFIC - Shandon Single Cytoslides™ are for use with Shandon EZ Single Cytofunnels®.

Cat. No.	Mfr. No.	Description	Qty.
5991056A	5991056	Coated, circle on back	100/cs

# Miscellaneous Supplies

## Alarm-Spill Alert/Biopsy Bags/Calculators/Carts

### Overflow/Spill Alert Alarm

**CARDINAL HEALTH** - Place our liquid alarm in any number of vessels—from beakers or flasks to drums or tanks—to detect when they are close to overflowing. The moment a solution touches its sensor, the alarm sounds and a red LED flashes continuously until the liquid no longer touches the sensor. You can also use the alarm to detect spills on the floor, on an overflow tube or near a pump to alert you when an accident is occurring. Alarm is designed for use with aqueous solutions and other liquids that don't affect plastic. Supplied with a 10 ft. cable and AA alkaline battery. Dimensions: 46 x 76.2 x 19mm. Wt. 71g.



Cat. No.	Description	Qty.
E2533	Overflow/spill alert alarm	1/ea

### Shandon Nylon Biopsy Bags

**THERMO SCIENTIFIC** - Thermo Scientific Shandon Nylon Biopsy Bags allow unrestricted fluid movement around tissue. Small bags measure 1.2 x 1.7 in. (31 x 43mm).

Cat. No.	Mfr. No.	Description	Qty.
6774010B	6774010	Blue	1,000/cs
6774010	6774010W	White	1,000/cs

### Converter Calculator

**CARDINAL HEALTH** - Our converter calculator provides an eight-digit LCD readout for easy viewing. The unit can set a rate for a specific conversion (e.g., currency exchange). The compact design measures 3.4 x 2.25 in. and runs on battery power.



Cat. No.	Description	Qty.
C1124-2	Converter calculator	1/ea

### Solar Metric Calculator

**CARDINAL HEALTH** - Our solar-powered calculator also converts to metric calculations. The eight-digit LCD readout is easy to view and runs on solar power. The super-compact design measures 3 x 3.75 in.



Cat. No.	Description	Qty.
C1124-1	Solar metric calculator	1/ea



### Aluminum Fold-Up Cart

**CARDINAL HEALTH** - Move your heaviest lab chemicals, drums and cases of glassware with our cart. It is made of aluminum alloy and can hold up to 330 lbs., but weighs just 20 lbs. It folds up for easy storage to a compact briefcase size. The handle adjusts to either 27 or 30 in. to accommodate all users. The telescoping platform extends for longer loads from 18 to 28 in. The cart is supplied with bungee cords to keep items from slipping. It also has rubber bumpers on all four corners to protect walls from accidental nicks. The large, solid-rubber wheels make it extremely easy to push.

Cat. No.	Description	Qty.
C1202-60	Aluminum fold-up cart	1/ea



### Aluminum Fold-Up Hand Truck

**CARDINAL HEALTH** - Aluminum alloy construction allows our lightweight hand truck to move loads up to 220 lbs. It can be used to move cartons, chemicals and gas cylinders easily. The supplied bungee cords hold materials firmly in place. The hand truck folds to a compact size for easy storage. The height of the handle is 28 in. in the lower position and 42 in. in the extended position. Flip-down platform size is 14 in. wide by 9½ in. Big, smooth-rolling, solid rubber 6½ in. diameter tires make it easy to move heavy loads.

Cat. No.	Description	Qty.
C1202-61	Aluminum fold-up hand truck	1/ea

# Miscellaneous Supplies

## Carts/Magnifiers/Measuring Calipers



### Mini-Dolly™ Folding Cart

**CARDINAL HEALTH** - This cart is the ideal platform cart to move chemicals, carboys, computer paper, filing boxes and equipment. The low platform helps eliminate lifting-related injuries and allows instant folding to a compact size for storage. The unit weighs 20 lbs. but can handle loads up to 265 lbs. The skid-resistant platform (17¾ x 25½ in.) and plastic guard on four sides help hold materials firmly in place. Supplied elastic cords with "quick hooks" secure the load. Super-glide wheels swivel for complete easy rolling maneuverability and the sponge-rubber covered handle is 34½ in. long. Constructed of high-impact ABS plastic and chrome-plated steel for durability.

Mini-Dolly™ is a trademark of Control Company.

Cat. No.	Description	Qty.
C1202-55	Mini-Dolly™ folding cart	1/ea

### Hastings Triplet Magnifiers

**BAUSCH + LOMB** - Three precision-ground and polished lenses cemented together provide the ultimate in corrected magnifiers. Images are sharp and distinct, with no color distortion. Chrome-plated case swivels over lens for protection when not in use.



Cat. No.	Mfr. No.	Description	Qty.
M1005-3	816175	¾ in., 14X magnifier	1/ea

### Freestanding Illuminated Magnifier Lamp

**LUXO** - This magnifier features a 5 in. diameter, 3-diopter optical quality lens (1.75X) and weighted base. The lamp houses a 22W fluorescent tube, which provides shadow-free illumination. A 30 in. patented internal spring arm allows for full adjustability while an electronic ballast increases light output by 15%. This light gray lamp includes a three-prong cord and plug and is UL-listed.



Cat. No.	Mfr. No.	Description	Qty.
L6039-2	17253LG	Freestanding illuminated magnifier lamp	1/ea

### Illuminated Magnifier Lamp with Clamp

**LUXO** - Ideal for maintaining visual accuracy in assembly of small parts, inspection and quality control, this lamp features an adjustable, balanced arm that reaches 45 in. and has a 5 in. diameter, 3-diopter optical quality lens (1.75X). Light gray lamp comes with a clamp for mounting to horizontal surfaces. Lamp includes a 22W fluorescent tube and a three-prong cord and plug. It operates on 115V, 60 Hz and is UL-listed.



Cat. No.	Mfr. No.	Description	Qty.
L6040-2	17113LG	Illuminated magnifier lamp with clamp	1/ea



### Traceable® Digital Carbon-Fiber Calipers

**CARDINAL HEALTH** - Our Traceable® composite carbon-fiber calipers measure outer diameter and inner diameter. They have an easy-to-read digital ½ in. high jumbo display and switch from inches to millimeters at the touch of a button. The "zero" button instantly sets the unit to zero when the jaws are at any position; this permits setting a Floating Zero™ reference point to read greater than/less than results without calculations.

Available in 4 in. and 6 in. measuring ranges, these ergonomically designed calipers have an ultrasmooth slide bar that requires no lubrication. Units will run on the supplied battery for 10,000 hours. Resolution is 0.01 in. (0.1mm) and accuracy is ±0.01 in. (0.2mm). A serial-numbered certificate is provided from an ISO 17025 calibration laboratory indicating traceability N.I.S.T. standards.

Traceable® is a registered trademark of Control 3, Inc.

Floating Zero™ is a trademark of Control 3, Inc.

Cat. No.	Description	Qty.
C3316-10	4 in. caliper	1/ea
C3316-11	6 in. caliper	1/ea

# Miscellaneous Supplies

## Paper and Notebooks/Pens and Marking Devices



### Notebook Holder

**CARDINAL HEALTH** - The notebook holder serves two useful purposes: it holds the notebook open at a 60° angle for easy viewing and protects valuable information from laboratory accidents. A notebook slides into the holder and is held securely in place by a clear protective acrylic shield.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-39	Notebook holder	10½ x 15¾ x 6 in.	1/ea



### Copier Lab Graph/Chart Notebook

**CARDINAL HEALTH** - Make graph and chart paper using an office copier with our lab graph/chart notebook. The book contains 22 different master lab graphs and charts that are ideal for plotting results of quality control tabulations, ion electrode measurements and absorbance/concentration curves. Each is printed in ultraopaque black to ensure high-quality reproduction, eliminating the need to draw forms or to have graphs and charts designed. Graphs supplied are linear squares (4, 6, 8, 10, 20 squares per in.), metric squares (5, 10 squares per cm), charts (columns of 11 x 40 and 11 x 52), semi-log (cycles 1, 2, 3, 4, 5), log (cycles 1 x 1, 2 x 2, 3 x 3, 3 x 5), circular pie, triangle and probability.

Cat. No.	Description	Qty.
P1162	Copier lab graph/chart notebook	1/ea

### Flexible Curve

**CARDINAL HEALTH** - Use our 18 in. flexible curve to plot curves and fit points precisely on any graph. Also bend the curve in any shape to copy chart recordings and produce diagrams in one uninterrupted line. A raised ledge on one side helps prevent ink from running underneath the curve, while the other side is flat for pencil drawings.



Cat. No.	Description	Qty.
B5463-105	Flexible curve	1/ea

### Marking Pens

**CARDINAL HEALTH** - The quick-drying ink in our felt tip marking pens leaves a permanent, readily identifiable mark on any surface. Fine writing tip helps ensure clear markings.



Cat. No.	Description	Qty.
P1226	Black	144/cs
P1227-2	Blue	144/cs

### Securline® Lab Markers

**CARDINAL HEALTH** - Our special-purpose writing instrument is designed to write on moist surfaces as easily as it writes on dry surfaces. Use on dry, wet or cold plastic, glass, metal and porcelain surfaces, such as petri dishes and flasks. Black quick-dry ink is designed not to bleed when subjected to water or alcohol during normal use. Can be washed off reusable surfaces, allowing surfaces to be marked repeatedly.



*Securline® is a registered trademark of Precision Dynamics Corporation.*

Cat. No.	Description	Qty.
P1220-10	Lab marker	10/pk



### Securline® Markers II

**CARDINAL HEALTH** - Our cytology/histology markers have virtually permanent ink that resists solvents, including alcohol and xylene. Markings are designed to withstand cryogenic temperatures when applied to frosted surfaces. Sturdy, fine-point nib makes thin, easy-to-read line. Use for labeling Superfrost® slides and plastic embedding cassettes. Test before using on actual specimens.

*Securline® is a registered trademark of Precision Dynamics Corporation.  
Superfrost® is a registered trademark of Erie Scientific.*

Cat. No.	Description	Qty.
P1220	Black	10/pk
P1220-5	Red	10/pk

# Miscellaneous Supplies

## Pens and Marking Devices/Pumps



### Technical Pens

**CARDINAL HEALTH** - Record results in lab notebooks, fill in charts, draw graphs, mark recording paper and produce diagrams with our technical pens. They lay flat against rulers and flexible curves for accurate alignment. They are balanced for comfort in your hand. Instant writing, long storage time and dry-out prevention are supported by an airtight ring seal in the cap. The pens respond the moment they are touched to paper. Instant drying ink helps prevent smearing and bleeding. Line sizes are 0.2 and 0.4mm.

Cat. No.	Description	Qty.
<b>Technical pen assortment pack</b>		
P1229-10	0.2 and 0.4mm - 3 each of red, blue, green and black	12/pk
<b>Technical pens</b>		
P1229-1	0.2mm - black	6/pk
P1229-2	0.4mm - black	6/pk

### Azer-Ink™ Chemically Resistant Marker

AZER SCIENTIFIC - Use this ultra-fine-tip chemically-resistant marker to label patient information on the frosted area of microscope slides and tissue cassettes. The ink is smearproof, waterproof and resistant to most histology reagents.



### Thermo Scientific Nalgene Lab Markers

THERMO FISHER SCIENTIFIC - These felt-tip markers produce quick-drying black ink that is water- and chemical-resistant. Use on PolyPaper® coated paper, on plastic, metal or on glass.



Cat. No.	Mfr. No.	Description	Qty.
6310-0010	6310-0010	Narrow tip	4/pk, 3 pk/cs

### Brilliant Laser Pointer

**CARDINAL HEALTH** - Our laser pointer emits a 3.5mm beam of red light to make it the ideal pointer for slide presentations, microscope projections, field studies, wall charts and lectures. Highly visible 630 to 680nm wavelength beam. The Class IIIA laser pointer has an output power of 5mW and a range of 300 ft. The warning label reads "CAUTION: Laser Radiation—Do not stare into beam." Two AAAA batteries provide months of intermittent use or 2 hours of continuous use. Supplied complete with batteries, pocket clip and safety instructions. Size: 0.5 x 5 in. Wt. 2 oz.

Cat. No.	Description	Qty.
L6046-1	Brilliant laser pointer	1/ea



### Variable-Flow Chemical Transfer Pump

**CARDINAL HEALTH** - Our chemical transfer pump is designed specifically for pulseless fluid transfer at variable flow rates. The direct drive engineering provides maximum motor power to the pump. The continuous-sweep variable control provides precise, seamless speed control. The pump has a purge/prime switch for high-speed emptying and filling. It also reverses for ease in draining tubing. It may be used with up to 120 ft. of tubing for remote sampling. The pump comes ready to use with 115 VAC UL-rated wall power supply. It is packaged in a chemical-resistant ABS plastic case.



Cat. No.	Description	Qty.
P5156-5	Variable-flow chemical transfer pump	1/ea

### Variable Flow Pumps

**CARDINAL HEALTH** - Our pumps provide precise flow control and flexibility for transferring and dosing liquids and gases. The fluid contacts only the tubing. Dial in your own flow rate from 0.005 to 600mL/min. Each pump features variable speed flow controls and five different tubing sizes for fine resolution with wide flow ranges. The revolution of one roller delivers a volume specific to the tubing size and motor speed.



Pumping dry (air or gas) does not harm the pumps. Each pump has a purge/prime switch for high speed emptying/filling that also reverses at the touch of a switch for ease in draining the tubing. Three rollers reduce flow pulsation, help prevent siphoning and eliminate the need for check valves. There are no valves to clog or seals to break. Silicone tubing may be used with fluids having temperatures from -80° to +500°F and may be sterilized by autoclaving.

Pumps come ready to use. They are supplied with silicone tubing (sizes  $\frac{1}{16}$  in.,  $\frac{1}{8}$  in.,  $\frac{3}{32}$  in.,  $\frac{3}{16}$  in. and  $\frac{1}{4}$  in. I.D.), polypropylene fittings/nipples, 115VAC wall power supply and an accessory battery connector (battery not included). Casing is made of chemical-resistant ABS plastic. Dimensions: 6 $\frac{5}{8}$  x 4 $\frac{3}{4}$  x 4 $\frac{1}{2}$  in. Wt. 1 $\frac{1}{4}$  lbs.

Cat. No.	Description	Flow Rate (mL/min.)	Qty.
P5156-1	With low flow	0.03 to 8.20	1/ea
P5156-2	With medium flow	0.4 to 85.0	1/ea
P5156-3	With medium high flow	4.0 to 600	1/ea
P5156-4	With ultra-low flow	0.005 to 0.900	1/ea

# Miscellaneous Supplies

## Ties/Tools/Trays and Pans

### Standard Ties

MPV - These ties have a gradually tapered tail that inserts easily into a self-locking harness. Excess may be cut after final tensioning for a neat, tight harness. Ties are natural white.



Cat. No.	Mfr. No.	Description	Qty.
C6097-12	T50R	7 3/4 in., 50 lbs. tensile strength	100/pk, 10 pk/cs



### Glassware Rescuer™

#### Diamond File

CARDINAL HEALTH - Save your glassware, recover beakers and preserve your flasks with our handy industrial diamond file. The half-round/half-flat shape smooths sharp and jagged edges, making your glassware safe for use. It also can be used to score glass tubing. The file's nonskid, faceted handle makes it easy to hold.



*Glassware Rescuer™ is a trademark of Control Company.*

Cat. No.	Description	Qty.
T5074	Glassware Rescuer™ diamond file	1/ea

### Knife Set

CARDINAL HEALTH - Our exceptionally sharp knife set is ideal for delicate, close-tolerance, accurate cutting needs. It contains eight different handles, 44 sharp blades and an aluminum-oxide wet/dry sharpening stone. The blades are made of the highest-grade steel and are ground to razor sharpness for precision cutting. The ultra-micro to heavy-duty cutting edges are perfect for corks, paraffin, plant samples and rubber tubing. The knives in the set feature a positive-holding blade lock, nonslip ergonomic handles and a perfect weight for balance. Set is packed in a handy plastic clamshell carrying-storage case with magnets to keep the blades in place.

Cat. No.	Description	Qty.
B2507	Knife set	1/ea

### Diamond Engraver

VECTOR - This diamond engraver is designed for marking, etching and engraving on multi-surfaces. The engraver features a 1/30 carat diamond that is vacuum-bonded to its aluminum shank and then ground to a 90° angle with a 5° radius. Designed for use on all laboratory glass, metal and ceramic surfaces. The engraver is autoclavable and has an aluminum body.



Diamond requires less pressure compared to a carbide point, resulting in reduced laboratory breakage and damage.

Cat. No.	Mfr. No.	Description	Qty.
P1230-2	912	Diamond engraver	12/cs

### Spilltray™ Tray and Drying Rack

CARDINAL HEALTH - Help eliminate spills with our chemical-resistant, maintenance-free polyethylene containment tray. Use it to safely handle chemicals and liquids while transferring, measuring or mixing. It holds 1 1/4 L of spilled liquid and can be cleaned easily by simply lifting off the entire grid and emptying it. The tray has a low-profile design for drying glassware and delicate items and has plastic grid cushions to protect against breakage and scratching. The grid cuts drying time in half by allowing for air circulation. The entire unit is dishwasher-safe. Measures 16 1/2 x 13 x 5/8 in. and weighs 1 lb.



*Spilltray™ is a trademark of Control 3, Inc.*

Cat. No.	Description	Qty.
T2941-50	Tray and drying rack	1/ea

### Thermo Scientific Nalgene Polypropylene Forceps

THERMO FISHER SCIENTIFIC - This pair of blue, all-plastic forceps features double-action hinges for extra leverage and long life. Jaws have interlocking teeth to grip objects tightly, and scissor-type handles have a ratchet to lock tips shut. Autoclavable.



Cat. No.	Mfr. No.	Description	Qty.
D2590-1	6320-0010	Polypropylene forceps	12/pk, 6 pk/cs

### Thermo Scientific Nalgene Polypropylene Autoclaving Pans

THERMO FISHER SCIENTIFIC - Use these pans for repeated autoclaving of small instruments and labware. The pans feature heavy-duty construction and extra-strong rims and are tapered for stacking.



Cat. No.	Mfr. No.	Description	Qty.
T5156-3	6902-3000	3,000mL capacity - 12 3/4 x 10 1/4 x 2 3/4 in.	6/cs

# Personal Protection

## Ear Plugs/Face Shields/Glasses and Goggles

### 3M™ Combat Arms™ Earplugs

KERMA MEDICAL PRODUCTS -

Deployed in Rapid Fielding Initiatives, these corded earplugs are single-tipped and designed to allow wearer to hear low-level sounds in open mode, while high-impulse noise is attenuated quickly in closed mode. No batteries are required for these comfortable and reusable earplugs that have a triple-flange design.



Cat. No.	Mfr. No.	Description	Qty.
<b>K370-1030</b>	370-1030	Small - green	50/cs
<b>K370-1031</b>	370-1031	Regular - desert tan	50/cs
<b>K370-1032</b>	370-1032	Large - coyote brown	50/cs

### Septa Shield

**CARDINAL HEALTH** - The Septa Shield protects the face and neck from splashes, sprays and abrasions. Made of clear Lexan®, the materials weigh only 9 oz. and are held in place by an adjustable VELCRO® strap. One size fits all.

*Lexan® is a registered trademark of General Electric Company.*

*VELCRO® is a registered trademark of Velcro Industries B.V.*



Cat. No.	Description	Qty.
<b>S1389-143A</b>	Septa shield	1/ea
<b>S1389-100</b>	Replacement visor	1/ea

### Scienceware® Single-Arm Safety Shields

**BEL-ART** - These safety shields feature a 15 in.-wide x 12 in.-high ergonomically shaped Plexiglas® shield that can be adjusted from side to side or up and down by moving the single arm. The shield pulls close to the user's body, allowing a comfortable working position. The shields are precision-balanced to move easily at the touch of your fingers. Choose from safety shield S1384-6 with 24 in.-long arm for wall-abutting workstations and S1384-3 with 38 in.-long arm for island-style workstations. Appropriate attachment bracket must be ordered separately.



Cat. No.	Mfr. No.	Description	Qty.
<b>S1384-6</b>	249660001	With 24 in.-long arm	1/ea
<b>S1384-3</b>	249660002	With 38 in.-long arm	1/ea
<b>Accessories</b>			
<b>S1384-204</b>	249660008	Weighted-base: 24.1cm diameter for use only with S1384-6	1/ea
<b>S1384-201</b>	249660005	C-clamp for use with either 24 in. or 38 in. shield	1/ea

### A200-Series Protective Eyewear

**BACOU DALLOZ** - Ideal for indoor applications where impact protection is required, this eyewear offers a durable black frame with integrated side protection. The clear lenses are scratch-resistant and absorb more than 99.9 percent of UV radiation up to 385nm. Temple length is adjustable.

Eyewear meets ANSI Z87+ and CSA Z94.3 safety standards.



Cat. No.	Mfr. No.	Description	Qty.
<b>G7506-11</b>	A200	A2000-series eyewear	50/cs

### Willson Millennia® Sport Safety Eyewear

**BACOU DALLOZ** - Choose this eyewear for its high-impact, dual nine-base wraparound unilens. For use in indoor applications where impact protection is a must, this clear lens is scratch-resistant and can absorb more than 99.9% of UV radiation up to 385nm. Eyewear features a lightweight black frame with superior side and brow protection and a comfortable universal nose bridge. The adjustable breakaway FlexiCord™ cord adds security and convenience. Additionally, the eyewear meets ANSI Z87+ and CSA Z94.3 safety standards.



Cat. No.	Mfr. No.	Description	Qty.
<b>47030-068</b>	11150750	Willson Millennia® Sport safety eyewear	10/bx, 20 bx/cs

### Willson® Polysafe® Plus Protective Eyewear

**BACOU DALLOZ** - Willson® Polysafe® Plus protective eyewear is crafted of 100% polycarbonate. This eyewear has a silicone hard coating for scratch resistance and can be worn over most prescription glasses. All lenses provide 99.9 percent UV protection as defined by ANSI Z87.1-2003 standards and meet OSHA standards for eye protection from bloodborne pathogens.



Cat. No.	Mfr. No.	Description	Qty.
<b>G7517-64</b>	11180037	Polysafe® Plus protective eyewear	1/ea

# Personal Protection

## Glasses and Goggles/Glasses Holder

### Willson® Polysafe® Protective Eyewear

BACOU DALLOZ - Designed for comfort and a customized fit, this Polysafe® eyewear features a wide, distortion-free field of vision. The eyewear fits over most prescription eyewear. The clear single polycarbonate lens with wraparound style incorporates matching side shields and a contoured nose bridge for additional comfort. The eyewear provides 100% UV protection as defined by ANSI Z87+, meets or exceeds CSA Z94.3 standards, and meets OSHA standards for eye protection from bloodborne pathogens.



Cat. No.	Mfr. No.	Description	Qty.
111800-31	11180031	Bulk pack	72/cs
G7517-84	11180029	Dispenser pack	100/cs

### SPEyes™ Eye ShieldZ™

DEROYAL - This latex-free facial protection features a wraparound disposable lens for complete protection. UltraClear™ technology is anti-fog on both sides of lens and helps prevent glare and static. The frame fits completely against forehead for splash protection from above and includes sealed lens mounting for added fluid protection. The clip-on/off design offers quick and easy changing while the colored top strip allows fingerprint-free handling.



Cat. No.	Mfr. No.	Description	Qty.
D23-501	23-501	SPEyes™ lenses	100/cs
D23-502	23-502	SPEyes™ frames, black	25/cs
D23-505	23-505	Assembled SPEyes™	100/cs



### Safety Glasses

MEDICAL ACTION INDUSTRIES - These safety glasses are designed for comfort and superior eye protection. They comply with ANSI 2.87.1 requirements.

Cat. No.	Mfr. No.	Description	Qty.
208	208	Safety glasses	10/cs

### FIREBIRDS™ Protective Eyewear

SELLSTROM - FIREBIRDS™ eyewear offers straight rubberized temple tips to relieve pressure from the temples and the back of the ears. Designed with a clear frame and scratch-resistant, UV-absorbing polycarbonate lens, the eyewear is ideal for both indoor and outdoor work environments where normal to low light conditions exist. Its wraparound style provides excellent side protection and its unobtrusive nosepiece and close-fitting frame offer a snug fit. Meets ANSI standards.



Cat. No.	Mfr. No.	Description	Qty.
73401	73401	FIREBIRDS™ protective eyewear	12/bx

### Eye Garter - Plastic Eye Shields

SURGICAL SPECIALTIES



Cat. No.	Mfr. No.	Description	Qty.
G701-50	G701-50	Clear universal with holes, without cover, 73mm (2 7/8 in.)	50/bx

### Protective Eyewear

COVIDIEN - These wraparound plastic eyeglasses feature side shields. Latex-free.



Cat. No.	Mfr. No.	Description	Qty.
CT0400-1	CT0400-1	Plastic eyeglasses with side shield	10/bx, 5 bx/cs



### Safety Glasses Holder

CARDINAL HEALTH - No longer do labs need to use a makeshift cardboard box to hold safety glasses. Our clear acrylic holder mounts neatly on the wall or sits on a lab bench. The foam pad at the bottom protects the lenses from scratches and the "Safety Glasses" label printed on the front clearly marks the holder. This unit holds as many as eight pairs of glasses and is also available with magnetic strip for mounting.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-58	Glasses holder	4 x 9 x 6 in.	1/ea
S1389-59	Glasses holder with magnet	4 x 9 x 6 in.	1/ea

# Personal Protection

## Hazardous Material Detection/Liners/Masks/Papers/Shields

### Passive Dosimeter Monitoring Badges

SENSORS SAFETY PRODUCTS - Monitor hazardous vapors in the workplace with these dosimeters. Passive dosimeter monitoring badges serve as an accepted and reliable sampling practice that helps reduce healthcare workers' exposure to hazardous chemicals and facilitate compliance with state and federal laws and OSHA and JCAHO standards. These badges give real TWA and STEL exposures (not estimates) and help in evaluating individual differences in employee work practices by comparing results of employees doing the same jobs. They also permit immediate testing if an employee raises concerns or if other situations call for immediate action.



Each dosimeter consists of a secure-fit, low-density molded casing blanketed by a polypropylene membrane. The molded base allows the adsorbent to fit snugly inside the interior of the dosimeter for even diffusion. The cover optimizes the membrane surface area for maximum exposure. The chemical vapor is passively collected through a diffusion-controlled system that allows for a constant sampling of analyte onto a specific collection medium. The adsorbent inside the dosimeter acts as a vapor sink with a very large absorption capacity.

Dosimeters have a 12-month shelf life. Ambient temperature storage is required for all. Compliance with OSHA: recommended accuracy of  $\pm 25\%$  for the 8-hour TWA or 15-minute STEL; 95% confidence level. Dosimeters can be used in lab. Model S1373-11 is also for use in the OR.

Used dosimeters can be returned back to Sensors Safety Products for laboratory analysis, exposure reports and archiving records—ask your sales or customer service representative for details. Six badges per case.

Cat. No.	Mfr. No.	Description	Qty.
S1373-11	C4180	Formaldehyde	6/cs
S1373-17	C4780	Xylene	6/cs

### Scienceware® Labmat™ Liners

BEL-ART - Simplify cleanup and protect work surfaces with these disposable bench and drawer liners. Liners have a flexible polyethylene, nonskid film backing that helps prevent soak-through of most solutions, including water, dyes, corrosive chemicals and radioactive solutions. After contamination, simply roll up the liner and discard according to local, state and federal regulations. Liners are 20 in. wide and packed in 50 ft. rolls. A dispenser carton holds the roll in place while you cut off the necessary footage with scissors.



Cat. No.	Mfr. No.	Description	Qty.
R5109	246750000	White roll	6/cs

### Dust/Mist Respirator Mask

COVIDIEN - This easy-to-don mask has been tested and certified by NIOSH (N95 rating) to have a filter efficiency level of  $\geq 95\%$  against solid and non-liquid (non-oil-based) aerosols. It resists collapsing and features a prefitted nose bridge. Latex-free.



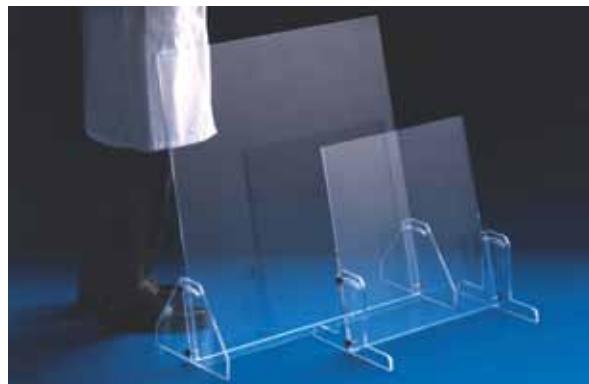
Cat. No.	Mfr. No.	Description	Qty.
CT0600-1	CT0600-1	Dust/mist respirator mask	20/bx, 6 bx/cs

### Absorbent Papers

CARDINAL HEALTH - Our super-absorbent, multi-ply papers are bonded to polyethylene film to increase wet strength and help prevent leakage. Skid-resistant surface helps protect against stains and corrosion and cushions glassware to reduce nicks and breakage. Durable soaker protects benchtops, drawers, glassware trays and any area where spillage is a problem.



Cat. No.	Description	Qty.
L5615-1	20 in. x 300 ft. roll	2 rolls/cs
L5615-12	12 x 20 in. sheet	600 sheets/cs
L5615-18	18 x 20 in. sheet	400 sheets/cs



### Adjustable Safety Shields

CARDINAL HEALTH - Our adjustable safety shields help protect lab personnel from possible injury when dealing with instruments, reaction flasks, liquid handling equipment, etc. The  $\frac{3}{8}$ -in.-thick clear acrylic shields can be adjusted  $\pm 20^\circ$  from their vertical position to accommodate various equipment designs and space requirements. Two stabilizers support the shields on either side to prevent tipping. Two sizes available.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-78	Small	20 x 20 x 12 in.	1/ea
S1389-79	Large	30 x 30 x 12 in.	1/ea

### Balance Shields

CARDINAL HEALTH - Our balance shields help protect sensitive measurements from drafts while maintaining a controlled environment. They are for use with high-precision electronic balances and also help protect expensive equipment from knocks and spills. A removable lid allows additional access when pouring liquids or adding dry chemicals from the top. Both shields have three sides, each with a notch at the bottom to position a power cord where needed.



Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-90	Small	12 $\frac{1}{4}$ x 13 x 12 in.	1/ea
S1389-89	Large	22 x 16 $\frac{1}{4}$ x 16 $\frac{1}{4}$ in.	1/ea

# Personal Protection

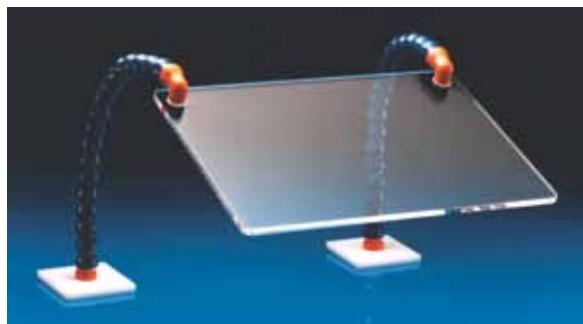
## Shields



### Balance Shield Guards

**CARDINAL HEALTH** - Our guards are designed to help protect samples during weighing. They enclose the balance, leaving the controls exposed for easy access. The hinged lid offers direct access to the weighing pan. In addition, a 1 in. hole on the top of the lid allows for sample dispensing. The guards are designed for Mettler balances with a housing of 2 H x 7¾ W x 12½ in. D. Sartorius balances with a housing of 2½ H x 8 W x 11 in. D and equivalently sized electronic balances.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-91	Balance shield guard, Mettler	6½ x 9 x 13 in.	1/ea
S1389-92	Balance shield guard, Sartorius	6½ x 10½ x 11½ in.	1/ea



### Beta Flex Shield

**CARDINAL HEALTH** - Our beta flex shield, made of ¾-in.-thick acrylic, is for use when dealing with beta-emitting isotopes. The shield is supported by two flexible 18 in. tubes that allow the shield to be adjusted to many different positions. The shield can be attached to most laboratory surfaces with the double-sided tape or screws that are provided. In addition, a C-clamp is available to offer alternative means of attaching the flex shield. Two C-clamps must be ordered for each beta flex shield.

Cat. No.	Description	Dimensions (H x W)	Qty.
S1389-96	Beta flex shield	12 x 18 in.	1/ea
S1389-98	C-clamp mount	Up to 2 in. grip	1/ea



### Bench Guard

**CARDINAL HEALTH** - The bench guard features a large area of protection to help shield personnel from hazardous materials or conditions at the lab bench. The ¾ in. acrylic guards laboratory technicians while the open sides allow them access to the work area. The back panel also helps protect technicians and equipment on the opposite side of the workbench.

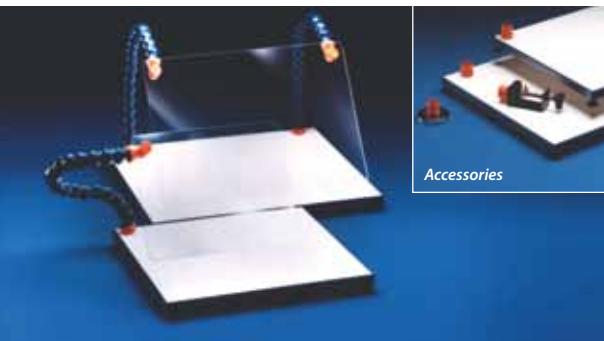
Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-84	Bench guard	20¼ x 15¾ x 13½ in.	1/ea



### Blood Aerosol Guards

**CARDINAL HEALTH** - The blood aerosol guards have clear acrylic barriers that help protect personnel against blood aerosols when removing rubber stoppers from blood collection tubes. They are mounted by adjustable extension arms that attach to the vertical surface of a hematology counter by double-sided tape. The guards are ¾-in.-thick and are available in two sizes. Double-sided tape provided.

Cat. No.	Description	Dimensions (H x W)	Qty.
S1389-7	Blood aerosol guard	9 x 9 in.	1/ea
S1389-8	Blood aerosol guard	7 x 11 in.	1/ea



### Flex Shields

**CARDINAL HEALTH** - Our flex shields are clear and scratch-resistant. The Lexan® protective barrier is attached to an 18 in. flexible support tube(s). The flex shield can be maneuvered into any position to maximize the technician's protection from bloodborne pathogens or chemical splashes. The 4 x 4 in. base of each flexible tube may be mounted to a laboratory bench, wall or shelf with screws or double-sided tape (provided). Additional mounting accessories include a C-clamp, magnet and laminated base.

*Lexan® is a registered trademark of General Electric Company.*

Cat. No.	Description	Dimensions (H x W)	Qty.
S1389-93	Single arm	9 x 12 in.	1/ea
S1389-95	Dual arm	12 x 18 in.	1/ea
<b>Accessories (H x W x D)</b>			
S1389-94	Base for S1389-93	¾ x 16 x 14 in.	1/ea
S1389-97	Base for S1389-95	¾ x 20 x 16 in.	1/ea
S1389-98	C-clamp, up to 2 in. grip		1/ea
S1389-99	Magnetic mount		1/ea



### Splash Shields

**CARDINAL HEALTH** - Four sizes of freestanding biohazard shields provide a clear protective ⅜ in. barrier between laboratory personnel and biohazardous materials. Our shield tapers back at an angle for easy viewing while its deep base offers a large work area for test tube racks, pipettes and other accessories. The slim-line shield is a narrow version of the large model. This size enables the technician to reach around the shield with both hands for easy access to the work site. The cell counter shield is for use with small manual and semi-automated hematology counters. Its base slides under the counter for added stability.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-75	Cell counter	10½ x 8 x 6¾ in.	1/ea
S1389-76	Small	14¾ x 12 x 8 in.	1/ea
S1389-77	Large	20½ x 18 x 12 in.	1/ea
S1389-88	Slim-line	20¾ x 14 x 12½ in.	1/ea



### Tapered Biohazard/Beta Shields

**CARDINAL HEALTH** - The lower portion of our taper-designed biohazard shield, which is only 12-in.-wide, allows more arm flexibility, increased movement and less arm fatigue. The top portion, which is 20-in.-wide, provides the maximum barrier between lab personnel and biohazardous materials. Designed to be comfortably used from a standing or sitting position. These shields are clear, free-standing and provide ¼ in. biohazard barrier or ⅜ in. beta shield barrier against potentially hazardous liquids and materials. The units are tapered back at an angle for easy viewing. They also feature a deep, large base that provides storage of test tube racks, pipettes and other accessories. Dimensions: 20½ H x 18 W x 12 in. D.

Cat. No.	Description	Qty.
S1389-151	Curved beta shield, ⅜ in. thick	1/ea
S1389-152	Curved biohazard splash shield, ¼ in. thick	1/ea



### Thermo Scientific Nalgene Safety Splash Shield

**THERMO FISHER SCIENTIFIC** - This durable, scratch-resistant ⅛ in. thick polycarbonate shield is designed to protect you against accidental splashes, aerosols and flying debris as required by OSHA regulations. The 14 in. flexible arm moves freely and stays in place, so you can work unobstructed. Magnetic base attaches easily to a horizontal, vertical or overhead metal surface. Use to comply with OSHA bloodborne pathogen regulation 29 CFR Part 1910.1030.

Cat. No.	Mfr. No.	Description	Qty.
S1385-10	6356-0001	Splash shield	4/cs

# pH Measurement

## pH Buffers/pH Indicators and Dispensers

### pH Calibrating Buffers

RICCA - These pH calibrating buffers are accurate to  $\pm 0.01$  pH unit of indicated pH value at 25°C. In addition, pH 4.00, 7.00 and 10.00 buffers are color-coded to provide visual identification when they are in or out of the container and also have a temperature-to-pH conversion chart. All buffers are certified traceable to NIST Standard Reference Materials and are stable at room temperature (15° to 30°C). Expiration date is provided on each bottle. All buffers are supplied in 500mL polyethylene bottles.



Cat. No.	Mfr. No.	Description	Qty.
H7590-4	1501-16	pH 4.00, red, 500mL	12/cs
H7590-7	1551-16	pH 7.00, yellow, 500mL	12/cs
H7590-10	1601-16	pH 10.00, blue, 500mL	12/cs

### pH Indicator Strips

CARDINAL HEALTH - The dyes on our pH indicator strips, in contrast to conventional indicator papers, are substantively bound to the cellulose fibers. As a result, the possibility of the color bleeding, even in strongly basic solutions, is avoided. Your measurement of pH value is possible even in unbuffered or very weakly buffered solutions since the strips can be left in the solution until the final color change is completed. Indicator dyes will not contaminate samples and colors will not run into each other. 6 x 5mm indicator papers are sealed on a 6 x 85mm plastic strip. Strips are sufficiently long to avoid contact between fingers and test sample.



Cat. No.	Description	Qty.
<b>Long range</b>		
P1119-1C	pH range 0 to 14 - 1.0 sensitivity - 4 test fields	100/pk, 100 pk/bx
P1119-5A	pH range 0 to 6 - 0.5 sensitivity - 3 test fields	100/pk, 100 pk/bx
P1119-6A	pH range 4.5 to 10 - 0.5 sensitivity - 3 test fields	100/pk, 100 pk/bx
P1119-7A	pH range 7 to 14 - 0.3/0.5 sensitivity - 3 test fields	100/pk, 100 pk/bx
<b>Short range</b>		
P1119-22	pH range 3.6 to 6.1 - 0.3/0.5 sensitivity - 1 test field	100/pk, 100 pk/bx
P1119-23	pH range 5.1 to 7.2 - 0.3 sensitivity - 1 test field	100/pk, 100 pk/bx
P1119-24	pH range 6.0 to 7.7 - 0.3/0.4 sensitivity - 1 test field	100/pk, 100 pk/bx
P1119-25	pH range 4.5 to 10 - 0.2/0.4 sensitivity - 1 test field	100/pk, 100 pk/bx

### colorpHast® pH Test Strips (non-bleeding)

EMD MILLIPORE - Use for quick, reliable pH readings even for weakly buffered solutions. SafetyEdge box allows removal of one strip at a time and protects others from falling out.

Cat. No.	Mfr. No.	Description	Qty.
95823	9582-3	Poly box, pH 4.0-7.0	100/pk, 6 pk/cs
95883	9588-3	Poly box, pH 5.0-10.0	100/pk, 6 pk/cs

### Hydrion™ Single Roll Dispenser 1.0-11.0V

MICRO ESSENTIAL LABORATORY - Hydrion™ Insta-Chek pH paper, the ultimate in wide-range, general-purpose pH papers has a distinct color match at each full pH unit: [1.0] [2.0] [3.0] [4.0] [5.0] [6.0] [7.0] [8.0] [9.0] [10.0] [11.0].



Hydrion™ Single Roll pH Paper provides:

- A direct reading pH paper with the widest range available in a single paper
- A simple, single color match for all pH values
- Distinct and easily matched color separations
- Accurate, reproducible readings with an immediate response
- Hydrion™ Single Roll pH Paper is a general use pH paper. A sample of its diverse pH applications include:
  - Classroom demonstrations
  - Hospital laboratories
  - General laboratories
  - Industrial testing
  - Food service
  - Safety testing
  - Emergency testing
  - Agricultural testing

Each carton contains 10 kits, each consisting of a 15 ft. roll of test paper and matching color chart. Provides for approximately 1,000 tests.

Cat. No.	Mfr. No.	Description	Qty.
51	51	Single roll dispenser	10/cs

# pH Measurement

## pH Indicators and Dispensers

### Hydron™ pH Test Paper Dispenser

MICRO ESSENTIAL LABORATORY - Each microfine dispenser contains two rolls of  $\frac{5}{32}$  in. pH test papers packaged in a polypropylene case.



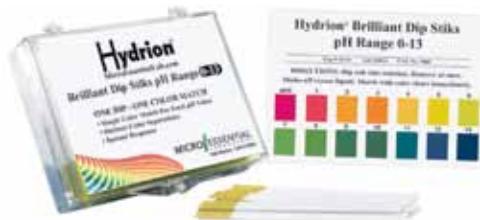
Cat. No.	Mfr. No.	Description	Qty.
P1120-9	MF-1608	pH range - 6.0 to 9.5	10/cs



### Hydron™ Wide-Range 1-11 pH Test Paper Dispenser

MICRO ESSENTIAL LABORATORY - The Hydron™ double roll dispenser holds two 15 ft. rolls of Hydron™ paper. One roll covers even ranges (2-4-6-8-10) and the other covers odd pH range (1-3-5-7-9). Paper provides a sharp color change for each full pH unit.

Cat. No.	Mfr. No.	Description	Qty.
P1095	150	pH range - 1 to 11	10/cs



### Hydron™ Insta-Chek Plastic pH Strip 0-13

MICRO ESSENTIAL LABORATORY - This Insta-Chek pH Test Dip-Stik provides excellent color separation. These wide-range Dip-Stiks offer clear bright single color matches at every 1.0 interval from pH 0.0-13.0. The color chart has pH matches at [0.0] [1.0] [2.0] [3.0] [4.0] [5.0] [6.0] [7.0] [8.0] [9.0] [10.0] [11.0] [12.0] [13.0].

Each carton contains 10 cases with 100 strips per case. Provides for approximately 1,000 tests.

Cat. No.	Mfr. No.	Description	Qty.
H7000	7000	pH strip - 0 to 13	10/cs

### pHizatest™ Nitrazine pH 4.5-7.5 Indicator Paper

MICRO ESSENTIAL LABORATORY - pHizatest™ nitrazine indicator paper is an economical choice among FDA-listed medical pH test products for the in-vitro determination of body-fluid pH in the 4.5-7.5 range. It is widely used in hospitals and doctors' offices to detect the presence of amniotic fluid in vaginal secretions during late-term pregnancy and in the diagnosis of bacterial vaginosis. Packaged in a convenient, easy-to-use dispenser complete with color chart, each roll of pHizatest™ nitrazine indicator paper provides approximately 100 tests.



Cat. No.	Mfr. No.	Description	Qty.
H7001	934	pH range - 4.5 to 7.5	10/cs

## If you don't see what you are looking for ... contact us.

If you don't see the product you are looking for, just pick up the phone and ask your sales or customer service representative to assist you. Visit our website at [cardinalhealth.com](http://cardinalhealth.com) for more information.

**Customer Service: 800.964.5227**

# Racks

## Bottle and Drying/Microtube Racks



### Bottle Stations

**CARDINAL HEALTH** - Many tests involve an array of small reagent containers, vials and dropper bottles. Our polyethylene bottle stations help keep materials organized and upright on the lab bench. Each station has one hole size. The small unit accommodates 11 bottles up to a 1.5cm diameter. The mid-sized unit holds six bottles up to 2.3cm and the large unit has four positions for containers up to 3cm in diameter. The stations may be purchased and used separately. The step rack holds any three stations to keep as many as 33 bottles properly arranged. The step rack set includes a step rack with one each of the three bottle stations. For different combinations of bottle stations, order components separately.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-55	Bottle station, 4 positions	1 x 6 x 1 3/4 in.	1/ea
S1389-54	Bottle station, 6 positions	1 x 6 x 1 3/4 in.	1/ea
S1389-53	Bottle station, 11 positions	1 x 6 x 1 3/4 in.	1/ea
S1389-56	Step rack	6 1/4 x 6 x 3 1/4 in.	1/ea
S1389-57	Step rack set with 3 bottle stations	7 1/4 x 6 1/2 x 6 1/4 in.	1/ea



### Support/Drying Racks

**ENDICOTT-SEYMOUR** - Plastic pegs hold test tubes securely in upright position with contents fully visible. Racks can also be used for drying with one tube inverted on each peg. Units are made of chemical-resistant, high-density polypropylene. One-piece construction provides added strength. Rack has openings for 80 tubes or drying pegs for 102 tubes.

Cat. No.	Mfr. No.	Description	Qty.
S9252-1	207	9 x 3 1/2 x 2 5/8 in.	1/ea, 24/cs



### Micro-Column Racks

**CARDINAL HEALTH** - Designed specifically to hold up to 20 micro-columns, our rack is large enough to permit convenient handling of columns, yet it is small enough to fit in almost any workspace. The column tips are suspended 3 1/4 in. from the lab bench for elution into vials or tubes. Addition of the test tube rack enables the micro-columns to elute into 12 x 75mm test tubes. Each piece is available separately.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-12	2-piece micro-column rack set	5 x 11 x 3 in.	1/ea
S1389-11	Micro-column rack	5 x 11 x 3 in.	1/ea
S1389-13	Test tube rack	2 1/2 x 10 x 3 in.	1/ea



### Microtube Racks

**CARDINAL HEALTH** - Our microtube rack conveniently holds six 80-well microtube trays. It fits between the shelves of most refrigerators and freezers and can be placed in a vertical or horizontal position.

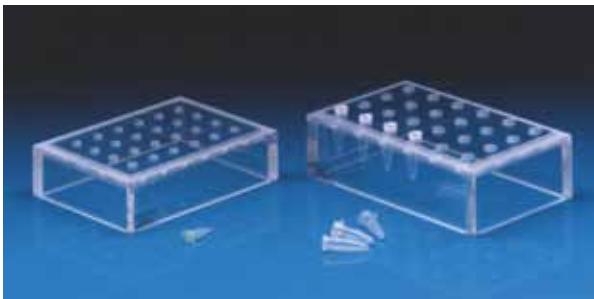
Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-85	Microtube rack	9 x 6 x 8 1/4 in.	1/ea

## Microtube/Syringe and Tube Racks

**Microtube System**

**CARDINAL HEALTH** - Our microtube system makes working with small volume microtubes more convenient. At the center of the system is the microtube rack and lid. The rack is designed to hold up to forty-eight 0.5mL tubes and up to twelve 1.5mL tubes. The lid on the rack holds the microtubes in place. For O incubations, the rack can be placed in the microtube ice bucket where it floats freely. After incubation, the rack can be removed from the ice bucket and used as a handy carrier for the microtubes. Legs allow the rack to stand alone on the lab bench. Hand fabricated from  $\frac{3}{16}$  in. acrylic, the complete microtube system S1389-162 may be purchased as one piece, or the components may be purchased separately.

Cat. No.	Description	Qty.
S1389-162	Microtube system	1/ea
S1389-163	Microtube rack and lid	1/ea
S1389-164	Microtube ice bucket 3 in. H x $8\frac{1}{2}$ in. dia.	1/ea

**Microcentrifuge Tube Racks**

**CARDINAL HEALTH** - Suitable for carrying and storing up to 24 microcentrifuge tubes, our  $\frac{3}{16}$  in.-thick racks help to reduce exposure to beta radiation. The open bottom permits rapid equilibration of the tubes when placed in a constant temperature water bath. Two sizes are available to hold 0.5mL or 1.5mL microcentrifuge tubes. Several racks can be conveniently stacked to save space.

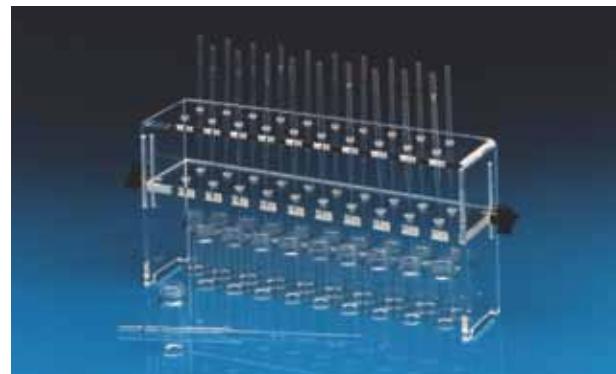
Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-81	Rack for 0.5mL tubes	$1\frac{3}{4} \times 7\frac{1}{4} \times 5\frac{1}{4}$ in.	1/ea
S1389-80	Rack for 1.5mL tubes	$2\frac{1}{2} \times 8\frac{1}{4} \times 5\frac{1}{4}$ in.	1/ea

**Syringe Racks for Lockable Disposable Syringes**

**CARDINAL HEALTH** - Doctors and nurses may prepare for group shots using our new racks for BD Safety-Lok™ 3mL syringes. Made of heavy-duty  $\frac{3}{16}$  in.-thick acrylic, these racks hold 24, 48 and 72 syringes.

*BD Safety-Lok™ is a trademark of Becton, Dickinson and Company.*

Cat. No.	Description	Dimensions (H x L x W)	Qty.
S1389-172	24-hole rack	$4 \times 8 \times 5$ in.	1/ea
S1389-173	48-hole rack	$4 \times 15\frac{1}{2} \times 5$ in.	1/ea
S1389-174	72-hole rack	$4 \times 15\frac{1}{2} \times 7\frac{1}{2}$ in.	1/ea

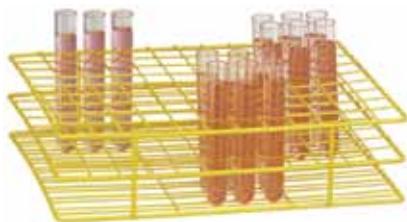
**Pasteur Pipettor and Tube Racks**

**CARDINAL HEALTH** - Our adjustable rack holds Pasteur pipettes above receiving vessels. Each stand holds up to 20 long-tipped Pasteur pipettes (15cm). The bottom support can be set to the necessary height. Column tip height can be varied from 1 in. to  $3\frac{3}{4}$  in. above the lab bench surface. Generous 1 in. center-to-center spacing permits the use of a variety of receiving vessels: vials, flasks, etc. Support racks for test tubes (12 x 75mm and 13 x 100mm) and centrifuge tubes (12mL) are also available.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-60	Pasteur pipettor rack	$6\frac{3}{4} \times 13 \times 3$ in.	1/ea
S1389-61	Small test tube rack	$2 \times 12 \times 3$ in.	1/ea
S1389-62	Centrifuge tube rack	$2\frac{1}{2} \times 12\frac{1}{2} \times 3$ in.	1/ea

# Racks

## Tube Racks



### Scienceware® Poxygrid® Test Tube Racks

BEL-ART - Tough, chemical- and corrosion-resistant, these steel wire racks are coated with heat-cured epoxy. They have square holes, three decks, slotted mesh bottoms and reinforced edges. Racks withstand temperatures from -223° to +121°C and can be autoclaved. Racks are color-coded—use yellow for radioactive warning and blue for general use.

Cat. No.	Mfr. No.	Description	Qty.
<b>Racks with 72 openings (6 rows x 12 positions)</b>			
<b>F187570002</b>	187570002	Yellow, 15 to 16mm tubes	1/ea
<b>F187570001</b>	187570001	Blue, 15 to 16mm tubes	1/ea
<b>Racks with 108 openings (9 rows x 12 positions)</b>			
<b>F187530001</b>	187530001	Blue, 10 to 13mm tubes	1/ea
<b>F187590001</b>	187590001	Blue, 15 to 16mm tubes	1/ea



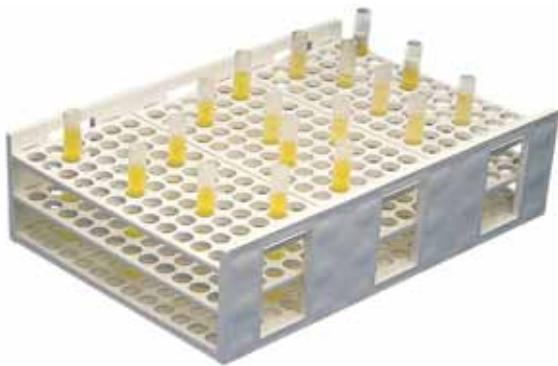
### Thermo Scientific Nalgene® Unwire™ Half Racks

THERMO FISHER SCIENTIFIC - Nalgene® Unwire™ autoclavable racks provide half the size but all the features of the full-size Unwire™ test tube racks. Racks have no vinyl or epoxy coatings to chip or scratch so there is no corrosion. They are made with ResMer™ manufacturing technology that helps to retain rack color and performance in harsh environments. These racks have excellent thermal properties for both autoclaving and freezing. Each rack consists of a one-piece, three-tier design with molded-in letters and numbers for easy identification of tube location.

#### Specifications:

No. openings ..... 36  
Rows x positions ..... 6 x 6 in.  
Dimensions (W x H x D) ..... 5 x 5 x 2¾ in.

Cat. No.	Mfr. No.	Description	Qty.
<b>S9248-116W</b>	5972-0016	White	8/cs
<b>S9248-116B</b>	5972-0316	Blue	8/cs
<b>S9248-116G</b>	5972-0416	Green	8/cs



### Scienceware® Radioimmunoassay Tube Racks

BEL-ART - Use these racks as a practical way to pipette and store a large number of samples. They are ideal for use in clinical laboratories and provide an easy way to keep track of the last tube filled. Racks are steam autoclavable at 121°C.

Cat. No.	Mfr. No.	Description	Qty.
<b>S9262-1A</b>	188700000	216 openings, 10 to 13mm tubes	6/cs
<b>S9262-2A</b>	188710000	120 openings, 13 to 16mm tubes	6/cs



### Thermo Scientific Nalgene® Unwire™ Polypropylene Test Tube Racks

THERMO FISHER SCIENTIFIC - Nalgene® Unwire™ racks are stackable, color-coded and have no vinyl or epoxy coating that will chip or scratch. They are not autoclavable. They will not float in water baths. Each rack is molded in one piece—no joints, welds or hinges to break. The racks contain no slots, slot tabs, edge tabs or holes to harbor contamination. The racks have no side posts to restrict visibility of tubes. The racks hold 72–16mm (9¾ x 5 x 2¾ in.) tubes in a 6 x 12 array.

Cat. No.	Mfr. No.	Description	Qty.
<b>S9248-316W</b>	5976-0016	White	8/cs
<b>S9248-316B</b>	5976-0316	Blue	8/cs
<b>S9248-316R</b>	5976-0516	Red	8/cs

## Tube/Vial and Column Racks

**Thermo Scientific Nalgene® Unwire™ Test Tube Racks**

**THERMO FISHER SCIENTIFIC** - These economical plastic racks are durable and autoclavable and can withstand most laboratory chemicals. They have no coating that can chip, peel or permit corrosion. Racks are made with ResMer™ manufacturing technology that helps to retain rack color and performance in harsh lab environments. The smooth finish has no welds to break or sharp edges to cut or scrape fingers. Open construction helps eliminate hidden places for contaminants to lodge. The one-piece, three-tier design permits easy viewing of tube contents plus convenient insertion and removal of tubes. Each rack securely holds a full load of filled test tubes or centrifuge tubes. 72 small-diameter tubes can be held at once. The racks will not float in a water bath. These racks withstand temperatures up to 121°C and will not become brittle in freezing conditions. For positive test tube identification, numbers and letters are molded into the top tier of each rack. Large end plates accept easy-to-read labels. Grid design permits tubes to be tipped from side to side for clear marking. Molded in five bright, permanent colors for visual identification. Racks of same size stack for compact storage. ResMer™ manufacturing technology.

**Specifications:****For tubes 13mm**

No. openings ..... 72  
 Rows x positions ..... 6 x 12  
 Dimensions (W x H x D) ..... 7¾ x 4 x 2¼ in.

**For tubes 16mm**

No. openings ..... 72  
 Rows x positions ..... 6 x 12  
 Dimensions (W x H x D) ..... 9¾ x 5 x 2¾ in.

Cat. No.	Mfr. No.	Description	Qty.
<b>For 13mm tubes</b>			
S9248-13	5970-0013	White	8/cs
S9248-13B	5970-0313	Blue	8/cs
S9248-13R	5970-0513	Red	8/cs
<b>For 16mm tubes</b>			
S9248-16	5970-0016	White	8/cs
S9248-160	5970-0116	Orange	8/cs
S9248-16B	5970-0316	Blue	8/cs
S9248-16G	5970-0416	Green	8/cs
S9248-16R	5970-0516	Red	8/cs

**Test n' Toss™ Disposable Test Tube Rack**

**WHITNEY** - The clear construction of this Test n'Toss™ disposable test tube rack enables lab professionals to easily view rack contents. Divider shelf can hold up to eighty 16 x 100mm test tubes and rests in a leak-resistant plastic half shell. Use two divider shelves for extra tube stability. You can use a second half shell as a cover to completely enclose rack contents for transport or storage and to help contain spills. Covered rack is stackable to help save storage, refrigerator or incubator space. The entire rack can withstand temperatures from 0° to 140°F (-18° to +60°C). When contaminated, discard rack in accordance with local regulations. Dimensions of open rack (L x W x H): 11 x 9 x 3 in. Dimensions of covered rack (L x W x H): 11 x 9 x 5 in.



Cat. No.	Mfr. No.	Description	Qty.
S1388-3A	18710	Disposable test tube rack	10/cs

**Mini LSC Vial Rack and LSC Column Rack**

**CARDINAL HEALTH** - This rack was designed to carry and store twenty 7mL mini LSC vials. It accommodates flat-bottom glass or plastic containers up to 8mm in diameter and at least 50mm high for easy handling. S1389-14 column rack holds 20 chromatographic columns at the proper height to elute into 20mL LSC vials (column rack not shown).

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-64	Mini LSC vial rack	1½ x 12¾ x 3 in.	1/ea
S1389-14	Column rack for LSC	4 x 13½ x 3½ in.	1/ea

# Safety

## Beta Storage Containers/First Aid



### Beta Containers

**CARDINAL HEALTH** - Safely store reagents that emit beta isotopes, such as H, C, P and S, with our beta storage containers. The  $\frac{3}{8}$  in.-thick acrylic provides protection from exposure to beta radiation during transport, storage or general use. The containers can withstand temperatures as low as -70°C. The hinged lids provide easy access to the containers' interior. Two sizes available.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-82	Small container	4 $\frac{3}{4}$ x 11 x 8 in.	1/ea
S1389-83	Large container	10 x 12 x 9 $\frac{3}{4}$ in.	1/ea



### Lockable Beta Storage Units

**CARDINAL HEALTH** - Safely store reagents and liquids that emit beta isotopes such as H, C, P and S with our lockable storage units. The keyed lid (two keys supplied) protects contents from unauthorized users. The  $\frac{3}{8}$  in.-thick acrylic provides protection from exposure to beta radiation during transport, storage or general use. The containers can withstand temperatures as low as -70°C. The hinged lids provide easy access to the containers' interior and the base has four screw holes for securing to cabinets, shelves or racks in refrigeration units. Two sizes available.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-111	Small container	4 $\frac{3}{4}$ x 11 x 8 in. Base size: 5 $\frac{1}{4}$ D x 7 $\frac{1}{2}$ in. W	1/ea
S1389-112	Large container	10 x 12 x 9 $\frac{3}{4}$ in. Base size: 8 $\frac{1}{4}$ D x 12 $\frac{1}{2}$ in. W	1/ea

### Scienceware® Emergency Eyewash Bottles

BEL-ART - Ideal for wall-mounted stations, these polyethylene bottles provide quick rinsing for removal of foreign substances from the eye. The attached captive snap cap keeps the cup clean and ready for use. Side air vent acts as a valve for air refill of free space in bottles to help prevent drawback of contaminated wash in the cup. The drain removes used wash through a tube. Universal symbols indicate how to use bottle. Unique design allows bottles to be used upright or inverted. Can be filled with saline rinsing solution (sold separately) or water.



Cat. No.	Mfr. No.	Description	Qty.
S1350-5	24850000	16 oz./500mL	12/cs

### Scienceware® Pocket-Size Emergency Eyewash Bottles

BEL-ART - Emergency eyewash bottles provide immediate eye care needs at any location. These 4 oz. oval polyethylene bottles have an eyecup with a tight-fitting, snap-on cover. Can be filled with saline rinsing solution (sold separately) or water. Instructions for use are printed on the bottle.



Cat. No.	Mfr. No.	Description	Qty.
S1350-10	24845000	Eyewash bottle	24/cs

### Scienceware® Sterile Emergency Eyewash Stations

BEL-ART - Keep an eyewash station handy in every lab for immediate access to eye rinse in the event of an accident. Highly visible in safety green color, these wall-mounted units are easy to install. The sterile, isotonic, buffered eye wash solution can rinse away chemical contaminants and other harmful irritants. Just break the seal, remove the cap, tilt head back, hold eyelid open and pour the solution into your eye. Includes quick instruction diagrams, multi-language instructions and a polished metal mirror.



Cat. No.	Mfr. No.	Description	Qty.
S1350-36	248781032	Holds one 32 oz. bottle	1/ea
S1350-37	248782032	Holds two 32 oz. bottles	1/ea
<b>Replacement eyewash solution</b>		32 oz.	1/ea
S1350-38	248790032		

**EyeSafe™ Faucet-Mounted Eyewash**

**GUARDIAN EQUIPMENT** - Install near potential accident locations and convert any faucet into an emergency eyewash station without special plumbing or without interfering with normal faucet operation. Threaded inlet attaches to any standard laboratory faucet. Pull faucet stem towards you to activate. Water pressure holds eyewash in operation. Angle of aerated outlets is adjustable to permit full coverage and avoid splashing the counter or floor. Eyewash is intended as supplement to, but not replacement for, standard plumbed-in eyewash equipment. Eyewash S1396-10 has outlets 3 in. apart and angled forward. Eyewash S1396-11 has outlets mounted on bends ending 5 in. apart and angled in toward face. Float-off dust covers included. Use only cold water when eyewash is in operation. For quality assurance purposes, both units are completely assembled and water tested prior to shipment. Ship weight is 1 lb.



Cat. No.	Mfr. No.	Description	Qty.
S1396-10	G1100	EyeSafe™ eyewash, 3 in.	1/ea
S1396-11	G1101	EyeSafe-X™ eyewash, 5 in.	1/ea

**Formaldehyde Solidifier Spill Kit**

**SPILFYTER** - This kit is designed to help provide a safe method for you to clean and reduce vapors from small formaldehyde leaks and spills. Recommended for use by trained personnel only. Each kit includes:

- Formaldehyde solidifier in a shaker bottle, 2 lbs.
- AQUALOCKIT® solidifier for neutral liquids in a shaker bottle, 2 lbs.
- Two hazmat pads, 12 x 12 in.
- Scoop with detachable scraper
- Two nitrile gloves
- Goggles, one pair
- Disposal bag with twist tie
- Disposal label



Cat. No.	Mfr. No.	Description	Qty.
S1326-6	481001	Formaldehyde solidifier spill kit	1/cs

**Grab&Go® Portable Hazmat Spill Kit**

**SPILFYTER** - Extremely portable, this spill kit enables you to quickly contain all types of nonaggressive liquid drips, leaks and spills before migration occurs. Absorbs up to 4 gal. Each kit contains:

- Four hazmat socks, 3 in. x 4 ft.
- Three premium pads, 16 x 18 in.
- Two nitrile gloves
- Splash goggles, one pair
- Plastic bucket with snap lid, 5 gal.
- Emergency response guidebook



Cat. No.	Mfr. No.	Description	Qty.
S1326-5	205304	Portable hazmat spill kit	1/ea



**Equipped  
to make a difference.**

# Safety

## Waste Handling

### Scienceware® Clavies® Biohazard Autoclave Gloves

BEL-ART - Heat-resistant up to 450°F (232°C), these soft and pliable Clavies® gloves are excellent for handling hot objects out of the autoclave or oven in the lab or school. Gauntlets provide wrist and forearm protection. These washable, all-cotton, terrycloth gloves replace asbestos gloves. Bright orange color is highly visible. Gloves are not waterproof and cannot be used to handle dry ice.



Cat. No.	Mfr. No.	Description	Qty.
G7231-2	132010001	11 in. gauntlet length	1/pr



### Benchtop/Assay Mats and Tray

CARDINAL HEALTH - Three styles are offered to control the spread of a variety of liquid laboratory waste. Each style has a label to indicate proper disposal. Printed radioactive and international symbol alert for radioactive waste for proper disposal. Biohazard and international symbol on mats for use when working with body fluids, tissue samples, pathogens or other biohazardous materials. Plain mats with no symbol. Deluxe, heavy, 534mL absorbent, nonwoven rayon cellulose filler and water-resistant polyethylene backing. Mats are 17½ x 23½ in. unfolded. Folded size is 5¼ x 8½ in. 50/package. Work tray is also available.

Cat. No.	Description	Qty.
S1389-107B	Printed, radioactive mats	1/ea
S1389-108B	Printed, biohazard mats	1/ea
S1389-109B	Unprinted mats	1/ea
S1389-133	Work tray, 1 x 25½ x 17 in. (H x W x D)	1/ea

### Terminal® Bench-Top Keeper™

#### Broken Glass Container

CARDINAL HEALTH - Use this Bench-Top Keeper™ container to collect and store nonbiohazardous broken or discarded glass to help protect against employee injury. It can hold liquids because of its plastic-coated lining and webbed corners. A self-locking top helps keep the container closed. The 3,000cc container is autoclavable and stores flat. Dimensions (W x L x H): 6 x 6 x 10 in.



Terminal® is a registered trademark of Whitney Products, Inc.  
Bench-Top Keeper™ is a trademark of Whitney Products, Inc.

Cat. No.	Description	Qty.
A9490-15A	Broken glass container	50/cs

### Scienceware® Broken Glass Disposal Boxes

BEL-ART - These handy receptacles for disposal of broken glassware are made of sturdy corrugated cardboard and have a cutout flap in the lid to permit easy insertion of glass. A 2-mil-thick polyethylene bag helps prevent leakage and a pair of tabs keeps the liner in place. Holds 18kg (40 lbs.) of waste. Packaged flat to save space and shipping costs and is easily assembled.



Cat. No.	Mfr. No.	Description	Qty.
F246530001	246530001	Floor model, 12 x 12 x 27 in.	6/pk

### Terminal® Broken Glass Keeper™ Container

WHITNEY - Dispose of non-biohazardous broken or discarded glass in this sturdy corrugated fiberboard container. Lined with a clear, thick plastic bag, it features the Reclose-a/Remove-a-Lid™ cover with an extra-wide square opening for safety and convenience. Container is marked with broken glass symbols and warnings in English, Spanish and French to help alert lab personnel of contents. A safety flap seals off the container for final disposal. Dimensions (L x W x H): 12 x 12 x 27 in.



Cat. No.	Mfr. No.	Description	Qty.
A9490-4	BH2008	Broken glass container	6/cs

# Specimen Transport/Storage

## 24-Hour Urine Containers and Accessories

### 24-Hour Urine Containers

**CARDINAL HEALTH** - We offer this convenient 3,000mL graduated container to help make processing 24-hour urine tests safer. It features a highly accurate scale so you can conduct volume measurement without pouring the urine into a graduated cylinder. A custom cap and gasket design helps prevent leaking, further reducing potential contact with urine. An amber tint protects light-sensitive specimens. Container U3010-3B features bilingual English/Spanish labeling. 40 containers per case.



Cat. No.	Description	Qty.
<b>U3010-3</b>	Urine container	40/cs
<b>U3010-3B</b>	Urine container with bilingual labeling	40/cs

### UrineGUARD® 24-Hour Urine Containers

**CARDINAL HEALTH** - We offer these UrineGUARD® urine containers designed to reduce the hazards and unpleasantness of measuring and pouring off timed urine collections. Each container has an accurate scale built-in, so you can record volume measurement without pouring the urine into a graduated cylinder. UrineGUARD® containers also feature a custom pouring spout so you can pour an aliquot of urine directly into a test tube or centrifuge tube. Together, these two features help eliminate dripping, splashing or aerosoling normally associated with such procedures. You can even save cleaning time and expense by eliminating the use of graduated cylinders. Optional stickers are available; 250 stickers on each roll.



*UrineGUARD® is a registered trademark of Thermo Fisher Scientific.*

Cat. No.	Description	Qty.
<b>Containers</b>		
<b>U3010-1</b>	2,500mL	40/cs
<b>U3010-2</b>	3,500mL	24/cs
<b>Accessories</b>		
<b>U3010-12</b>	Patient instruction stickers	6 rl/cs
<b>U3010-13</b>	Patient and test information stickers	6 rl/cs
<b>U3010-14</b>	Caution stickers	6 rl/cs

## Diagnostic Mailers

### Specimen Double Mailers

**CARDINAL HEALTH** - Our specimen double mailers include a tight, seamless inner aluminum can and an outer mailing tube. The outer tube is covered with white paper so that required biohazard warning labels are easy to see (order labels separately). The PVC flow-in liner in the cap of the aluminum can provides a seal that helps eliminate area residue buildup between the metal and the liner and won't crack after autoclaving.



Double containers meet U.S. Postal Regulations DMM 121.56 and DMM 124.38.

Cat. No.	Outer Tube Size (I.D. x L, in.)	Inner Can Size (O.D. x L, in.)	Qty.
<b>Double mailers</b>			
<b>M1053-2</b>	1 1/4 x 6 5/8	1 x 6 3/8	50/cs
<b>M1053-5</b>	1 3/4 x 6 5/8	1 1/2 x 6 3/8	50/cs
<b>M1053-6</b>	2 x 3 3/4	1 3/4 x 3 7/16	50/cs
<b>M1053-7</b>	2 x 5	1 3/4 x 4 3/4	50/cs
<b>M1053-8</b>	2 1/4 x 5 3/4	2 x 5 1/2	50/cs
<b>M1053-9</b>	2 3/4 x 6 1/4	2 1/2 x 6	50/cs
<b>M1053-10</b>	3 1/8 x 6 1/4	3 x 6	50/cs

### Drimop® Absorbent Packets

**CARDINAL HEALTH** - Our Drimop® absorbent packet immobilizes and gels aqueous liquid solutions up to 400 times its own weight. Use it to ship dilute alkalis, biohazardous fluids and urine specimens. Just include one packet for each sample in the aluminum specimen mailer. Each packet measures 1 1/4 x 2 in. and weighs 1.5g. 50 packets per package.

*Drimop® is a registered trademark of MultiFoam Desiccants, Inc.*

Cat. No.	Description	Qty.
<b>M1053-25</b>	Drimop® absorbent packets	50/pk

To order, call: 800.964.5227

[cardinalhealth.com](http://cardinalhealth.com)

 CardinalHealth

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# Specimen Transport/Storage

## Specimen Bags

### Specimen Bags

**CARDINAL HEALTH** - Our bags are constructed with 2-mil-thick polyethylene for durable yet flexible strength. The 3- and 4-wall construction separates samples and protects patient paperwork. The secure zip lock and durable thickness produce reliable leak-resistant protection for your samples. Convenient pouch with or without flap for paperwork. Red STAT bag available.

Cardinal Health specimen bags include larger sizes to conveniently handle specimen trays or transport multiple specimens that are common to large facilities and outreach programs. Multiple sizes in clear or with biohazard symbol. Custom imprinting available.



Cat. No.	Description	Qty.
<b>STAT bags</b>		
<b>AD6X9STATR</b>	6 x 10 in., red, adhesive, score line, front pouch	1,000/cs
<b>AD6X9STATY</b>	6 x 10 in., yellow, adhesive, score line, front pouch	1,000/cs
<b>AD6X9STRDB</b>	6 x 10 in., red, adhesive, perforations, front pouch	1,000/cs
<b>AD6X9STYDB</b>	6 x 10 in., yellow, adhesive, perforations, front pouch	1,000/cs
<b>*CH6X9STGRN</b>	6 x 9 in., green, zip lock, score line, front pouch	1,000/cs
<b>CH6X9STAT</b>	6 x 9 in., red, zip lock, front pouch	1,000/cs
<b>CH6X9STATF</b>	6 x 9 in., red, zip lock, back pouch w/flap	1,000/cs
<b>*CH6X9STATY</b>	6 x 9 in., yellow, zip lock, front pouch	1,000/cs
<b>*CH6X9STFA</b>	6 x 9 in., red, zip lock, back pouch w/flap, 3 x 4 in. absorbent sheet	1,000/cs
<b>*CH8X10STAT</b>	8 x 10 in., red, zip lock, front pouch	1,000/cs
<b>Biohazard bags</b>		
<b>AD6X9BIO</b>	6 x 10 in., clear, adhesive, score line, front pouch	1,000/cs
<b>AD6X9BIOA</b>	6 x 10 in., clear, adhesive, score line, front pouch, 3 x 4 in. absorbent sheet	1,000/cs
<b>AD6X9BIOB</b>	6 x 10 in., blue, adhesive, score line, front pouch	1,000/cs
<b>AD6X9PERF</b>	6 x 9 in., clear, adhesive, perforations, front pouch	1,000/cs
<b>AD10X10BIO</b>	10 x 10 in., clear, adhesive, score line, front pouch	1,000/cs
<b>AD13X18BIO</b>	13 x 18 in., clear, adhesive, score line, front pouch	1,000/cs
<b>AD15X17BIO</b>	15 x 17 in., clear, adhesive, score line, front pouch	500/cs
<b>CH6X9BIO</b>	6 x 9 in., clear, zip lock, front pouch	1,000/cs
<b>CH6X9BIO4</b>	6 x 9 in., clear, zip lock, 2 front pouches	1,000/cs
<b>CH6X9BIODB</b>	6 x 9 in., clear, zip lock, front pouch	1,000/cs
<b>CH6X9BIOF</b>	6 x 9 in., clear, zip lock, back pouch w/flap	1,000/cs
<b>*CH6X9BIOFA</b>	6 x 9 in., clear, zip lock, back pouch w/flap, 3 x 4 in. absorbent sheet	1,000/cs

Cat. No.	Description	Qty.
<b>Biohazard bags (continued)</b>		
<b>CH6X9BLUEF</b>	6 x 9 in., blue, zip lock, back pouch w/flap	1,000/cs
<b>CH6X9GRNF</b>	6 x 9 in., green, zip lock, back pouch w/flap	1,000/cs
<b>CH6X9REDF</b>	6 x 9 in., red, zip lock, back pouch w/flap	1,000/cs
<b>CH6X9VIOF</b>	6 x 9 in., purple, zip lock, back pouch w/flap	1,000/cs
<b>*CH6X9YLWF</b>	6 x 9 in., yellow, zip lock, back pouch w/flap	1,000/cs
<b>CH8X8BIO</b>	8 x 8 in., clear, zip lock, front pouch	1,000/cs
<b>CH8X10BIO</b>	8 x 10 in., clear, zip lock, front pouch	1,000/cs
<b>CH8X10BIOD</b>	8 x 10 in., clear, zip lock, front pouch	1,000/cs
<b>CH8X10BIOF</b>	8 x 10 in., clear, zip lock, back pouch w/flap	1,000/cs
<b>CH10X10BIO</b>	10 x 10 in., clear, zip lock, front pouch	1,000/cs
<b>CH12X15BIO</b>	12 x 15 in., clear, zip lock, front pouch	1,000/cs
<b>RF6X9PERF</b>	6 x 9 in., clear, zip lock, perforations, front pouch	1,000/cs
<b>RF12X12X6</b>	12½ x 12 x 6 in., clear, die-cut handle, gusset bottom	500/cs
<b>RF16X20BIO</b>	16 x 20 in., clear, zip lock	250/cs
<b>Plain bags</b>		
<b>CH4X6CL</b>	4 x 6 in., plain, zip lock, front pouch	1,000/cs
<b>CH5X8CL</b>	5 x 8 in., plain, zip lock, front pouch	1,000/cs
<b>CH6X9CL</b>	6 x 9 in., plain, zip lock, front pouch	1,000/cs
<b>CH6X9CLF</b>	6 x 9 in., plain, zip lock, back pouch w/flap	1,000/cs
<b>CH8X10CL</b>	8 x 10 in., plain, zip lock, front pouch	1,000/cs
<b>CH9X12CL</b>	9 x 12 in., plain, zip lock, front pouch	1,000/cs
<b>CH12X15CL</b>	12 x 15 in., plain, zip lock, front pouch	1,000/cs
<b>Without biohazard</b>		
<b>AD6X9NL</b>	6 x 10 in., clear, adhesive, score line, front pouch	1,000/cs
<b>*AD8X12NL</b>	8 x 12 in., clear, adhesive, score line, front pouch	1,000/cs
<b>AD10X10NL</b>	10 x 10 in., clear, adhesive, score line, front pouch	1,000/cs

\* Coming soon

# Specimen Transport/Storage

## Specimen Bags/Collection Cups and Containers

### Kapak® Specimen Pouches by Ampac

AMPAC - These heat-sealable polyester/polyethylene pouches can resist tearing and puncturing and can withstand temperatures from -70° to +220°F. They act as barriers to transfer of air, moisture and oxygen. Regular weight pouches are ideal for medical, environmental, institutional and industrial needs. Heavy-duty pouches are designed for long-term specimen storage, storage of heavier objects and mailing of specimens and equipment. Use with Kapak® Pouch Sealer by Ampac B1212-1, which is available separately.



Cat. No.	Mfr. No.	Description	Qty.
<b>Regular, 2.5 mil</b>			
B1215-2	404-24	32 fl. oz., 8 x 12 in.	40/pk
B1215-3	406-24	64 fl. oz., 9½ x 16 in.	20/pk
<b>Heavy-duty, 4.5 mil</b>			
B1215-11	502-24	16 fl. oz., 6½ x 8 in.	75/pk
B1215-12	504-24	32 fl. oz., 8 x 12 in.	40/pk
B1215-13	506-24	64 fl. oz., 9½ x 16 in.	20/pk
B1215-14	508-24	96 fl. oz., 12 x 16 in.	15/pk

### ClikSeal™ Specimen Containers

CARDINAL HEALTH - Ideal for pneumatic tube systems, these 3 oz. polypropylene specimen containers feature a blue polyethylene cap with an inner thread design that helps ensure leak resistance. The cap produces a clicking sound when tightened, signaling that the cap is fully sealed and the container is ready for transport. It is also designed to enable the stacking of multiple containers. Slightly raised grooves on the container provide added stability during handling. Container is graduated in ¼ oz. increments from ½ to 3 oz. and also in 10cc increments from 20 to 90cc. Container features a sterility seal and patient ID label affixed to the container with lines for number, name and doctor.



ClikSeal™ is a trademark of Medegen Medical Products.

Cat. No.	Description	Qty.
C13900	Bulk pack	200/cs
C13901	Individually-packed, in peel pouch	100/cs

### Sample Containers

CARDINAL HEALTH - Our clear polystyrene containers provide an excellent view of the contents. The 8 oz. containers are graduated to 6½ oz. in ½ oz. increments and to 190cc in 10cc increments.



Cat. No.	Description	Qty.
B7935-1	Sample container	500/cs
B7935-2	Sample container with lid	500/cs
B7935-10A	Paper lid	25/pk, 20 pk/cs



### Sample Cups

CARDINAL HEALTH - Our polypropylene sample cup is graduated in milliliters and ounces to a capacity of 30mL (1 oz.).

Cat. No.	Description	Qty.
B2719-5	Sample cup	100/pk, 50 pk/cs

### Snap Cap Specimen Containers

CARDINAL HEALTH - These containers are ideal for collecting, measuring and handling different types of specimens. For added security during transport, all sterile containers are available with a translucent snap cap, either with the container or separately. The containers are graduated in 10mL and 0.25 oz. increments up to 240cc. Designed for quick visualization and measurement of contents.



Cat. No.	Description	Qty.
<b>5 oz. containers</b>		
C8835-1	Without lid	500/cs
C8835-2	With lid, individually-wrapped	100/cs
<b>8 oz. containers</b>		
C8835-3	Without lid	500/cs
C8835-4	With lid, individually-wrapped	100/cs
<b>Snap cap lid</b>		
C8835-5	For 5 and 8 oz. containers	500/cs

### Screw-Top Specimen Containers

CARDINAL HEALTH - Our 4 oz. sterile polypropylene specimen containers are enclosed in peel-open pouches for aseptic delivery onto a sterile field.



Cat. No.	Description	Qty.
13594-130	4 oz. specimen container	100/cs

### Specimen Containers

CARDINAL HEALTH - Our 4 oz. break-resistant polypropylene containers are ideal for liquid and solid specimens. Graduated to help ensure accurate measurements. The plastic screw-top cap provides a leak-resistant seal. A pressure-sensitive ID label is provided.



Cat. No.	Description	Qty.
C8827-4	Sterile inner surface, individually-wrapped	100/cs
C8827-14	Nonsterile, bulk pack	500/cs
C8827-24	Sterile inner surface, individually-wrapped (without label)	100/cs

# Specimen Transport/Storage

## Specimen Collection Cups and Containers



### Amber Sample Containers

**CARDINAL HEALTH** - Our amber sample container is made of low-density polyethylene and has a 1 gal./3,500mL capacity. Amber tint helps eliminate specimen breakdown. Its injection-molded screw neck is bonded to the container. Includes cap. 100 containers per case.

Cat. No.	Description	Qty.
B7937-1	Amber sample container	100/cs

### Cups with Caps

**CARDINAL HEALTH** - Our disposable all-plastic specimen cup holds 8 oz. Space on cap for sample identification. Handles dry or liquid samples. Multiple cups can be nested for storage.



Cat. No.	Description	Qty.
C8826-1	Cup with cap - 8 oz.	50/pk, 250/cs

### Empty Fixative Containers

**CARDINAL HEALTH** - These unlabeled polypropylene containers with caps come assembled in a bulk pack.



Cat. No.	Description	Qty.
C4320-3	15mL	100/pk
C4320-1	30mL	100/pk
C4320-2	60mL	50/pk
C4320-6	180mL	50/pk
C4320-12	360mL	24/pk
C4320-16	480mL	24/pk
C4320-32	900mL	9/pk



### Multipurpose Containers

**CARDINAL HEALTH** - Use our multipurpose containers with lid for sample collection and storage. These stackable containers are available in various sizes, styles and materials to fit your specific laboratory needs. Choose polystyrene, polyethylene or polypropylene. Polypropylene is more resistant to solvents than the others and the lid provides a tighter seal.

Cat. No.	Description	Qty.
<b>Polystyrene containers</b>		
C8842-16X	16 oz.	100/cs
C8842-32	32 oz.	100/cs
<b>Polyethylene containers</b>		
C8842-8B	8 oz.	100/cs
C8842-86A	86 oz.	25/cs
C8842-163	163 oz.	10/cs
<b>Polypropylene containers</b>		
C8842-8C	8 oz.	100/cs
C8842-16B	16 oz.	100/cs
C8842-32B	32 oz.	100/cs
C8842-190A	190 oz.	10/cs



### LeakBuster™ Specimen Containers with Molded O-Ring Caps

**STARPLEX SCIENTIFIC INC** - This premium quality 60mL container provides leakproof transportation. Each polypropylene container is lot numbered and has clear graduations. Sterile containers have an orange cap and tamper tab patient label. The patient identification meets current JCAHO standards.

Cat. No.	Mfr. No.	Description	Qty.
B602-10	B602-10	Orange - 60mL	500/cs

# Specimen Transport/Storage

## Specimen Handling/Sputum and Urine Collection/Vials

### Traditional Lockbox with Hinged Strap

TAGG INDUSTRIES - Use this traditional-style, foam-lined lockbox for safe specimen handling. Constructed of sturdy metal, it features a keylock access and an affixed metal strap with hinges to go over door tops. Size: 14 x 10½ x 7 in.



Cat. No.	Mfr. No.	Description	Qty.
L5120-3	50113	Traditional lockbox with hinged strap	4/cs

### Sputum Collection System

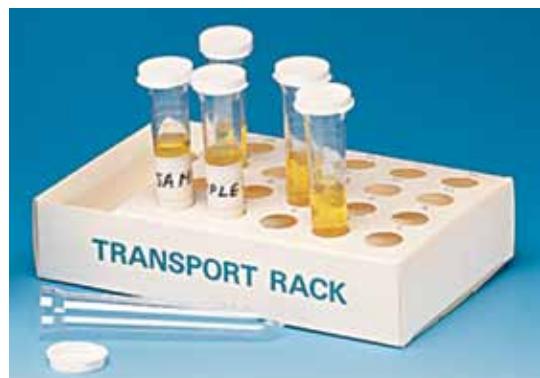
CARDINAL HEALTH - Our disposable, sterile system is preassembled and wrapped in easy-to-open Tyvek® packaging. All parts are made of sturdy, flexible polypropylene, including the extra-wide funnel, lid, screw cap, graduated 50mL collection tube and base unit. The cap is stored in a socket inside the lid unit, so you can apply the cap to the centrifuge tube without touching it.

All parts fit together firmly and disassemble easily. Removable lid, stable base for ease of use. Collection tube features a special inner lip to help prevent leakage. Includes identification label. Autoclavable.



Tyvek® is a registered trademark of E.I. du Pont de Nemours and Co.

Cat. No.	Description	Qty.
C8848-1	Sputum collection system	72/cs



### Urine System

CARDINAL HEALTH - Our convenient specimen collection and transport system includes 100 cups for specimen collection, 100 polystyrene centrifuge tubes with caps, 100 ID labels and one 20-hole transport rack. Each tube is optically-clear and graduated from 1 to 12mL.

Cat. No.	Description	Qty.
U2195-1	Urine system	500/cs
U2195-10	Centrifuge tube	500/cs
U2195-15	Tube cap	1,000/cs

To order, call: 800.964.5227

[cardinalhealth.com](http://cardinalhealth.com)

### Monoject™ Sample Cups

COVIDIEN - These Ezee-Nest™ sample cups are designed to accommodate the physical requirements of high-volume automated analyzers. The low shoulder height allows you to place the sample cup on top of the collection tube and helps prevent mechanical jamming due to their combined height. For use with either 13mm or 16mm collection tubes, the polystyrene cups are chemically inert for reduced risk of sample contamination and have a conical bottom for efficient sample aspiration.



Cat. No.	Mfr. No.	Description	Qty.
1270013000	1270013000	13mm collection tubes - 1mL	1,000/pk, 5 pk/cs
1270016000	1270016000	16mm collection tubes - 2mL	1,000/pk, 5 pk/cs

### Disposable Chloride Meter Vial

KIMBLE CHASE - Use this vial as a sample container during dilution and titration procedures of chloride determinations. Vials are plastic shrink-wrapped in cellular trays to keep them clean and safe in transit. Approximate length is 40mm and O.D. is 20mm. Vial is supplied in a tray of 100.



Cat. No.	Mfr. No.	Description	Qty.
B5953-25	74400 2040	Chloride meter vial	500/cs

### Glass Sample Vials

KIMBLE CHASE - These vials are designed with continuous thread to permit positive sealing for liquid samples. Vials are made of N-51A glass, which possesses the best all-around chemical durability and offers good resistance to heat shock. It meets the requirements for Type I, Class B glass (ASTM E438).



Cat. No.	Mfr. No.	Description	Qty.
		N-51A glass with rubber liner	
B7781-2	60910D 2	17 x 60mm	144/pk, 12 pk/cs
		N-51A glass with polyvinyl-faced pulp liner	
B7782-1	60910C 1	15 x 45mm	144/pk, 12 pk/cs

### Serum-Type Vials

KIMBLE CHASE - These serum-type vials made of amber-colored Type I borosilicate glass provide maximum sample protection and accommodate "tear-off" aluminum seals with septa or stoppers.



Cat. No.	Mfr. No.	Description	Qty.
B7746-2	62413D 2	15 x 40mm	1,440/cs

# Specimen Transport/Storage

## Vials

### False-Bottom Vials

MEDICAL ACTION INDUSTRIES - These false-bottom vials are acceptable for many different types of automated analyzer systems. The label placement line, located below the threads, allows accurate placement of a barcode label prior to the vial being capped. The opaque band around the bottom of the vial provides a reference for orientation by an automated system. The conical vial bottom prevents probe crashing in most systems. The tapered vial bottom helps ensure easy placement into racking. Both the plug style and screw caps perform well during specimen processing.



Cat. No.	Mfr. No.	Description	Qty.
<b>Vials</b>			
<b>MEV8991</b>	P02-V8991	False-bottom vial without cap, no label, nonsterile	1,500/cs
<b>Caps</b>			
<b>MEV9199</b>	P02-V9199	Blue plug-style cap, nonsterile	6,000/cs
<b>MEV9201</b>	P02-V9201	White O-ring screw cap, nonsterile	6,000/cs

### 1mL Vial for WISP™ Autosamplers

NATIONAL SCIENTIFIC - For use with the Waters® 96-position tray, this 1mL clear borosilicate glass vial includes a SepCap™ cap. Cap design allows for easy push-in and pullout from vial. Cap features a starburst center design at 0.010 in. that eases syringe needle penetration and a ridge on its underside that helps center limited volume insert.



Cat. No.	Mfr. No.	Description	Qty.
<b>C4015-96</b>	C4015-96	Vial for WISP™ autosamplers	200/pk

### 11mm Wide-Opening Snap-It Vial Accessory

NATIONAL SCIENTIFIC - For use when sample volume is limited. Polyspring inserts are self-aligning and provide a cushion against needle contact with the bottom of the vial.



Cat. No.	Mfr. No.	Description	Qty.
<b>C4901-36</b>	C4010-630	Polyspring insert	100/pk

### Polystyrene Snap-Cap Vials

QORPAK - These disposable, heavy-walled, transparent polystyrene vials have a white polyethylene snap cap.

Cat. No.	Mfr. No.	Description	Qty.
<b>B7817-7</b>	PLC-03732	25mL - capacity, 29 x 50mm 7 dram (26mL) clear PS snap cap vial with 28mm white PP linerless snap cap attached	144/pk
<b>B7816-4</b>	PLC-03734	60mL - capacity, 43mm - Neck Finish 36 x 62mm 15 dram (60mL) clear PS snap cap vial with 43mm white PP linerless snap cap attached	144/pk



### Blood Dilution Vial

SIMPORT PLASTICS - This polystyrene blood dilution vial has optically clear parallel sides and is deionized and destaticized. Includes an easy-to-remove, leak-resistant cap made of polypropylene. The vial is tested to ensure cleanliness and meets or exceeds O.E.M. specifications. Vial is supplied with cap attached. Vial 25mL size and dimensions with cap on (O.D. x H): 35 x 56mm.

Cat. No.	Mfr. No.	Description	Qty.
<b>SV130</b>	V130	50 vials per tray	20 trays/cs
<b>SV130-1</b>	V130-1	Bulk pack	1,000/cs

# Specimen Transport/Storage

## Vials



### Micrewtube with Lip Seal Screw Cap

SIMPORT PLASTICS - Pre-attached caps are screwed on. Sterile.

Cat. No.	Mfr. No.	Description	Qty.
T332-4SPR	T332-4SPR	Self-standing - 1.5mL - white marking area and graduations	50/pk 500/cs
T332-7S	T332-7S	Without skirt - 2.0mL - nongraduated	50/pk 500/cs

### Starplex False-Bottom Vials

STARPLEX SCIENTIFIC INC - These clear, nonsterile false-bottom vials can be used on many different types of automated analyzer systems. The label placement line, which is located just below the threads, allows accurate placement of a barcode label prior to the vial being capped. The opaque band around the bottom of the vial provides a reference for orientation by an automated system. The conical vial bottom prevents probe crashing in most systems. The tapered vial bottom ensures easy placement into racking. Both the plug style and screw caps perform well during specimen processing.



Cat. No.	Mfr. No.	Description	Qty.
V8991A	V8991	5mL	1,500/ea

### Urine Culture/Urinalysis Preservative Vial with 75mg Boric Acid Tablet

STARPLEX SCIENTIFIC INC - Suitable for the transport of specimens for urinalysis or urine culture, this sterile, 10mL conical vial utilizes a boric acid tablet to maintain the specimen for up to 72 hours. The vial is capped with a flat, blue cap, which provides leak-resistant transport. The vial has a patient identification label with fill volume requirements.



Cat. No.	Mfr. No.	Description	Qty.
V102-CA	V102-CA	10mL	500/cs



### Flip-Top Vials with Lock Seal

THERMO SCIENTIFIC - These flip-top vials feature a lock tab for added security. Leak-resistant, airtight vials are molded from food-grade polypropylene.

Cat. No.	Mfr. No.	Description	Qty.
04HPLS	04HPLS	4 oz., clear	250/cs
10LSCL	10LSCL	10 oz., clear	100/cs



### ABC Cap, Black Polypropylene with Pre-Slit PTFE/Silicone Septa

WHEATON - The closures for the ABC Vials feature pre-slit PTFE/silicone septa. Caps are manufactured from polypropylene.

Cat. No.	Mfr. No.	Description	Qty.
B7826-904	W225338-0801	Black	100/pk, 10 pk/cs

# Specimen Transport/Storage

## Vials/Vial Stopper

### Uni-Dose® Amber Vials

WHEATON - When you need a convenient way to dispense in-hospital medication, use these disposable sealed drinking glass vials. The vial design allows patients to remain in a reclining position while drinking. A large labeling surface lets you identify contents. Tamper-evident safety caps are available separately.

#### Specifications:

##### B7519-207 and B7519-211

Capacity ..... 15mL  
Dia. x H ..... 32 x 42mm

##### B7519-208

Capacity ..... 30mL  
Dia. x H ..... 36 x 58mm



Cat. No.	Mfr. No.	Description	Qty.
<b>Wheaton 900 in. amber glass vials (tray packs)</b>			
<b>B7519-207</b>	226732	15mL	500/cs
<b>B7519-208</b>	226733	30mL	500/cs
<b>Amber polyethylene terephthalate vials (bulk pack)</b>			
<b>B7519-211</b>	226772	15mL	450/cs

### Clear Tubular Serum Vials

WHEATON - Ideal for injectables, biologicals, freeze-drying and other laboratory samples, these vials are manufactured from Wheaton 33™ borosilicate glass tubing to hold uniform wall thickness. Low extractable glass helps safeguard against a rise in pH caused by alkali, which can be extracted from ordinary glass. Vials are shrink-wrapped to reduce particulate contamination. Vials feature a large mouth opening with a 13 x 20mm (I.D. x O.D.) to provide for ease in filling.



Cat. No.	Mfr. No.	Description	Qty.
<b>B7519-123</b>	223685	5mL capacity - 22 x 40mm	144/cs
<b>B7519-124</b>	223686	10mL capacity - 24 x 50mm	144/cs

### Culture Vials with Rubber-Lined Cap

WHEATON - When you need dependable handling while working with infectious materials, use these microculture vials. Vials are made of low-extractable borosilicate glass and include attached deep-skirted screw caps with a white styrene-butadiene rubber liner. Packed in corrugated trays with partitions. Dia. x H with cap: 15 x 51mm. Cap. size: 13-415.



Cat. No.	Mfr. No.	Description	Qty.
<b>225142</b>	225142	4mL	144/cs

### E-C Vial Sample Vials

WHEATON - These clear glass sample vials are conveniently packaged in two shrink-wrapped packs of 100 vials to help reduce contamination from corrugated materials. Clear vials are made of Wheaton 33™ low-extractable borosilicate glass and meet ASTM Type I Class A and USP Type I standards and measure 12 x 38mm (Dia. x ht.) with solid-top black phenolic PTFE-faced rubber-lined caps that measure 8-425. Caps are packaged separately.



Cat. No.	Mfr. No.	Description	Qty.
<b>B7825-332</b>	224741	2mL capacity	200/cs

### Sample Vials

WHEATON - These vials are particularly suited for research studies in which continuous purity of sample is required. These vials are made from Wheaton 33™ low-extractable borosilicate glass to protect against change in sample pH that is caused by alkali extraction from less chemically stable glass. Vials have white (styrene-butadiene) rubber-lined caps. Vials are supplied in paperboard Lab File™ boxes with partitioned trays. Vials have a cap size is 13-425 and measure 15 x 48mm (dia. x H) with cap.



Cat. No.	Mfr. No.	Description	Qty.
<b>B7828-5</b>	224882	4mL capacity	144/cs
<b>B7826-637</b>	W224681	2mL vial in Lab File™, amber, PTFE/rubber-lined cap	288/cs

### Straight-Plug Style Stoppers

WHEATON - These straight-plug style stoppers help to provide maximum sealing for straight-wall glass vials. They are not for use with vials that have a blowback feature. Stopper fits 13 x 20mm (I.D. x O.D.).



Cat. No.	Mfr. No.	Description	Qty.
<b>B7519-144</b>	224100-178	Silicone	100/pk, 10 pk/cs

From research to diagnosis,  
we're with you every step of the way.

# Temperature Monitoring

## Hygrometers/Tachometers



CH2972



CH2504-1



CH4195



CH4410



CH9506-3



CH9506-14

### Hygrometers

**CARDINAL HEALTH** - Digital and analog hygrometers monitor humidity and ambient conditions across a variety of markets including blood banking, clinical chemistry, hematology, histology, microbiology and pharmacology. Units are N.I.S.T. traceable. Monitors ambient conditions. Analog and digital display options.

Cat. No.	Description	Specifications
CH2972	Digital thermometer/hygrometer	-50/70°C & 20/100% R.H., certified, min-max, w/clock
CH2504-1	Dial barometer with thermometer/hygrometer	15/60°C, 954/1073 millibars, 715/805 Mm/Hg 20/100% R.H., cert.
CH4195	Multi-remote environment monitoring station	Base station: -10/+60°C (+14/140°F) Remote transmitter: -40/+60°C (-40/+140°F) Humidity range: 1/99% R.H., certified, min-max, w/memory
CH4410	Precision bench thermometer/hygrometer	-40/70°C & 1/99% R.H., certified, min-max
CH9506-1	Digital thermometer/hygrometer	-50/70°C & 20/100% R.H., certified, min-max w/memory recall
CH9506-2	Digital thermometer/hygrometer	0/50°C & 32/122°F, 10/90% R.H., certified, w/min-max
CH9506-3	Digital thermometer/hygrometer	-10/70°C & 20/99% R.H., certified, triple display current-min-max
CH9506-11	Digital thermometer/hygrometer	-50/70°C & 20/100% R.H., certified, min-max, w/memory
CH9506-13	Digital thermometer/hygrometer with outside probe	-50/70°C & 20/100% R.H., certified, min-max, w/memory
CH9506-14	Hygrometer with remote sensor	-40/60°C (-40/140°F) out and 0/60°C (140°F) in, 1/99% R.H., certified
CH9506-15	Digital thermometer/hygrometer	-10/60°C & 14/140°F, 10/99% R.H., certified, min-max
CH9506-16	Analog dial thermometer/hygrometer	-30/50°C & 10/90% R.H., certified, 4½ in.

### Tachometers

**CARDINAL HEALTH** - Touch and touchless models of tachometers with speeds of 3 to 30,000 ft./min. Speed ranges vary from 2.5, 6 and 10 up to 99,999 RPM. Contact and non-contact models. N.I.S.T. traceable.



Cat. No.	Description	Specifications
CH3316-6	Contact and non-contact tachometer	6/99,999 rpm & 3/30,000 ft./min, accuracy +/- 0.04%
CH3316-7	N.I.S.T. traceable touch contact tachometer	10/99,999 rpm & 3/30,000 ft./min, accuracy +/- 0.04%
CH3316-8	N.I.S.T. traceable touchless tachometer	2.5/99,999 rpm, accuracy +/- 0.025%, laser target

# Temperature Monitoring

## Thermometers - Bottle/Digital Bottle

### Bottle Thermometers

**CARDINAL HEALTH** - Enclosed chamber thermometers are an inexpensive way to monitor critical temperatures of freezers, blood bank refrigerators, incubators, block heaters and ovens. With the safety-coated thermometers housed in various solutions to act as buffers, these economical non-Hg instruments offer no drift, need no batteries and are known for reliability and repeatability. Analog display. N.I.S.T. traceable.



Cat. No.	Description	Specifications
CH0101S	Freezer bottle thermometer	-30/0°C x 0.5°C, certified
CH240043	Red spirit-filled refrigerator thermometer	-5/15°C x 0.5°C, certified, in 5mL vial of liquid
CH240046	Red spirit-filled freezer thermometer	-30/0°C x 0.5°C, certified, in 5mL vial of liquid
CH24004S	Ultra-low spirit-filled thermometer	-90 +20°C x 1.0°C, certified, in 5mL vial of liquid
CH240052	Blue spirit-filled refrigerator thermometer	-5/15°C x 0.5°C, certified, in 5mL vial of liquid
CH240053	Blue spirit-filled incubator thermometer	18/50°C x 0.5°C, certified, in 5mL vial of liquid
CH2401BLS	Blue spirit-filled freezer thermometer	-30/0°C x 0.5°C, certified, in 5mL vial of liquid
CH2403S	Red spirit-filled incubator thermometer	18/50°C x 0.5°C, certified, in 5mL vial of liquid
CHER-0040	Cooler thermometer	10-20°C, certified, housed in 50mL vial w/liquid
T8401-1	Refrigerator bottle thermometer	-5 to 15°C x 0.5°C, 125mm high, ethylene glycol/water - 30mL
T8401-3	Incubators bottle thermometer	18 to 20°C x 0.5°C, 135mm high, ethylene glycol/water - 30mL
T8401-4	Freezer bottle thermometer	-30 to 0°C x 0.5°C, 120mm high, ethylene glycol/water - 30mL
T8401-6	Blood bank refrigerator bottle thermometer	-5 to 20°C x 0.5°C, 160mm high, ethylene glycol/water - 250mL
T8401-7	Ultra-low freezer bottle thermometer	-90 to 20°C x 1.0°C, 150mm high, USP sand - 60mL
T8401-48	Block heaters bottle thermometer	18 to 60°C x 0.5°C, 125mm high, mineral oil - 1mL
T8401-85	Block heaters bottle thermometer	50 to 110°C x 0.5°C, 125mm high, mineral oil - 1mL



CH240056



CH2941-5



CH2960-5



CH-4648

### Digital Bottle Thermometers

**CARDINAL HEALTH** - Our digital bottle thermometers accurately monitor temperatures by housing the thermometer probe in an unbreakable plastic bottle. Easy-to-read digital display. The vials are filled with a buffering media that maintains the thermometer reading while the instrument door is opened. Bottles are filled with non-toxic fluid. MSDS sheets can be provided upon request. Alarm monitors.

Cat. No.	Description	Specifications
CH240056	Bottle probe digital thermometer	-50/200°C & -58/392°F, certified, unit probe
CH2941-5	Refrigerator/freezer thermometer stick	-40/70°C, certified, w/alarm
CH2941-6	Refrigerator/freezer thermometer stick	-40/158°F, certified, w/alarm
CH2960-4	Monitoring/memory thermometer	-50/70°C, certified, triple display current-min-max, alarm
CH2960-5	Jumbo refrigerator/freezer digital thermometer	-50/70°C, certified, w/alarm, triple display current-min-max
CH-4648	Jumbo vaccine bottle digital thermometer	-50/70°C, certified, w/alarm, triple display current-min-max

# Temperature Monitoring

## Thermometers - Digital



CH2939-1 - CH3018SUP



CH2941-2

CH2971-6

### Digital Thermometers

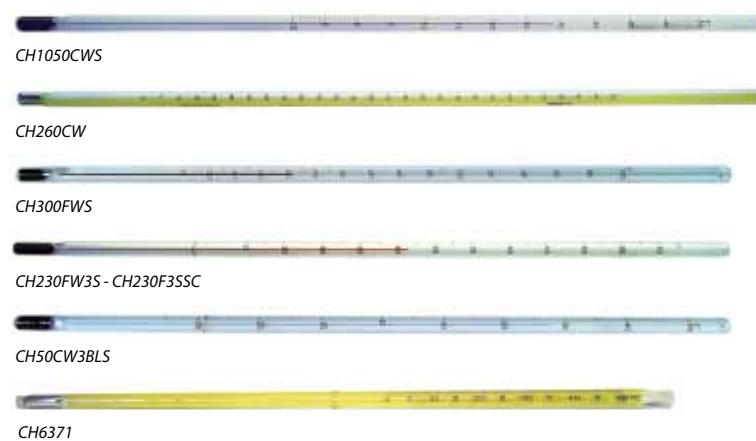
**CARDINAL HEALTH** - Our line of digital thermometers are individually serialized and calibrated. A certificate of calibration is included. All units are CLIA and CAP approved and can be recycled, returned and recalibrated for cost savings. Units can flip open for bench work and include magnetic and VELCRO® mounts for wall or surface mounting. Units are made of high-impact, chemical-resistant plastic for easy cleaning. Suitable for hot and cold applications. N.I.S.T. traceable.

VELCRO® is a registered trademark of Velcro Industries B.V.

Cat. No.	Description	Specifications
<b>CH2212-2</b>	High/low memory digital thermometer	-50/70°C, certified, w/alarm, triple display current-min-max
<b>CH2939-1</b>	Long-stem digital thermometer	-50/300°C & -58/582°F, certified, 8 in. probe
<b>CH3018SUP</b>	Ultra long-stem digital thermometer	-50/150°C & -58/302°F, certified, cal to 0.5°C, 8 in. probe
<b>CH2941-2</b>	Minimum-maximum alarm digital thermometer	-50/300°C & -58/582°F, certified, 5 in. probe
<b>CH2960-3</b>	Digital thermometer with probe	-50/70°C, certified, triple display current-min-max
<b>CH2960-6</b>	Wide-range type-k digital thermometer	-200/1370°C & -328/2498°F, certified, min-max, alarm, 10 memory
<b>CH2960-9</b>	Wide-range long-stem digital thermometer	-50/300°C & -58/582°F, certified, 12 in. probe
<b>CH2960-10</b>	Ultra wide-range digital thermometer	-50/300°C & -58/582°F, certified, cal to 0.5°C, 12 in. probe
<b>CH2960-15</b>	Waterproof digital thermometer	-50/300°C & -58/582°F, certified, 5 in. probe
<b>CH2960-16</b>	Ultra waterproof digital thermometer	-50/300°C & -58/582°F, certified cal to 0.5 °C, 5 in. probe
<b>CH2971-2</b>	Water-resistant digital thermometer	-50/300°C & -58/582°F, certified, 4 in. probe
<b>CH2971-5</b>	Economy refrigerator thermometer	-10/50°C & 14/122°F, certified, reset button, lp water resist
<b>CH2971-6</b>	Water-resistant thermometer	-99.9/200°C x 0.1°C, accuracy +/- 0.5°C, w/probe
<b>CH2971-7</b>	Big see-thru glass door digital thermometer	-13/158°F, certified, triple display current-min-max
<b>CH2971-8</b>	Big see-thru glass door digital thermometer	-25/70°C, certified, triple display current-min-max
<b>CH4047</b>	Monitoring/control thermometer	-40/200°C (-40/400°F), certified, min-max, alarm
<b>CH4049</b>	Jumbo display dial digital thermometer	-50/300°C & -58/582°F, certified, 5 in. probe
<b>CH-4050</b>	Digital pocket thermometer	-50/300°C & -58/582°F, certified, 4 in. probe
<b>CH4120</b>	High/low memory digital thermometer	-58/158°F, certified, w/alarm, triple display current-min-max
<b>CH4126</b>	Big digit memory thermometer	-10/60°C (+14/140°F) & -50/70°C (-58/158°F), min-max certified, dual readings ambient
<b>CH-4146</b>	N.I.S.T. traceable mini digital thermometer	-50/150°C & -58/302°F, certified, 5 in. probe
<b>CH-4148</b>	Jumbo refrigerator digital thermometer	-50/70°C, certified, w/alarm, triple display current-min-max
<b>CH-4272</b>	N.I.S.T. traceable flip-stick digital thermometer	-50/300°C & -58/582°F, certified, 4 in. probe
<b>CH-4548</b>	Incubator refrigerator/freezer digital thermometer	-50/70°C, certified, w/alarm, triple display current-min-max
<b>CH8002CL</b>	Dual probe digital thermometer	-50/+70°C & -40/148°F, certified, refrigerator and freezer
<b>CH9509</b>	Humidity and temperature pen, digital thermometer	0/50°C & 20/100% R.H., certified, min-max mem
<b>CHD650PP</b>	High-precision digital thermometer	-200/850°C & °F, certified, accuracy +/-0.03°C

# Temperature Monitoring

## Thermometers - Glass/Infrared



### Glass Thermometers

**CARDINAL HEALTH** - Ideal for blood banking, clinical chemistry, hematology, histology, microbiology and pharmacology, our glass thermometers meet ISO 9000 manufacturing standards and DKD/17025 calibration standards. Each glass item is hand-blown in Germany and can be used for multiple applications including freezers, refrigerators, incubators, water baths, shipping coolers, ultra-low freezers, ovens and block heaters.

Teflon® is a registered trademark of E.I. du Pont de Nemours and Co.

Cat. No.	Description	Specifications
<b>CH10053</b>	76mm immersion thermometer	-1/101°C x 0.2°C, certified, w/case N.I.S.T. certified certificate
<b>CH1050CWS</b>	Spirit-filled thermometer	-10/50°C x 0.5°C, certified
<b>CH230F3SSC</b>	Organic thermometer	0/230°F x 2.0°F, certified, Teflon®-coated
<b>CH230FW3S</b>	Organic thermometer	0/230°F x 2.0°F, certified
<b>CH260CW</b>	Total-immersion spirit-filled thermometer	-20/260 x 1°C, certified
<b>CH300FWS</b>	Total-immersion spirit-filled thermometer	0/300°F x 2.0°F, certified
<b>CH5001</b>	Refrigerator/freezer thermometer	-40°C/25°C & °F, certified, plastic case, SS hangers
<b>CH50CW3BLS</b>	76mm immersion spirit-filled thermometer	-35/50°C x 1.0°C, certified
<b>CH535S-1</b>	Tissue flotation bath thermometer	-15/105°C, certified, lays flat on bottom of bath, easy to read
<b>CH6371</b>	Incubator thermometer	0/50°C x 0.5°C x 0.5°C, certified, enlargement for correct immersion, mercury
<b>CH645</b>	Short-immersion thermometer	0 to 50°C x 1.0°C, certified, length 75mm, 12mm immersion, mercury
<b>CHB12408</b>	Plastic housing thermometer	-40/50°C & -40/120°F, certified, min-max, non-mercury

### Infrared Thermometers

**CARDINAL HEALTH** - Infrared thermometers feature an easy-to-read digital display and a variety of sizes. Choose from hand-held, probe, key chain or pocket clip styles for accurate reporting +/- 2%. Check incoming specimens or shipping cooler temperatures within 0.2 seconds.



Cat. No.	Description	Specifications
<b>CH2960-11</b>	Infrared thermometer	-33/500°C & °F, certified, accuracy +/- 2%, w/min-max
<b>CH2960-12</b>	Key-chain infrared thermometer	-33/220°C & -7/428°F, certified, accuracy +/- 2%, min-max-hold
<b>CH2960-14</b>	Infrared gun thermometer	-33/500°C & °F, certified, accuracy +/- 2%
<b>CH2971-9</b>	Pocket-clip infrared thermometer	-22/220°C & -7/428°F, certified, accuracy +/- 2%
<b>CH2971-10</b>	Wristband infrared thermometer	-33/220°C & 7/428°F, certified, accuracy +/- 2%, min-max-hold
<b>CH2971-11</b>	K-type probe infrared thermometer	-33/500°C & °F infrared & -64/1370°C & °F probe, certified
<b>CH2971-13</b>	High-temperature plus infrared thermometer	-50/1000°C & °F, certified, accuracy +/- 2%, response time 0.2 sec.
<b>CH-4375</b>	Infrared thermometer	-50/800°C & °F, certified, accuracy +/- 2%, response time 0.2 sec.

# Temperature Monitoring

## Thermometers/Temperature Probe



### Temp-Chek Thermometers

STRECK - Temp-Chek thermometers offer safe, reliable and accurate monitoring of laboratory temperatures. Enviro-Safe1 and Red Spirit Temp-Chek thermometers monitor refrigerators, freezers, incubators and room temperatures. Each Temp-Chek thermometer is engraved with a serial number traceable to NIST/DKD with scales in  $\frac{1}{2}^{\circ}$  increments, allowing the laboratory to meet CAP and CLIA standards.

Contained in a vial of propylene glycol, Temp-Chek thermometers attach to your refrigerator, freezer or incubator wall magnetically or adhesively. The Temp-Chek thermometer and vial are enclosed in a plastic tube to protect the thermometer and to contain contents in case of breakage. A temperature wall chart is included with each Temp-Chek.

All Temp-Chek thermometers are mercury-free and Enviro-Safe thermometers utilize only biodegradable, non-toxic and nonflammable components.

Cat. No.	Mfr. No.	Description	Qty.
240046	240046	Red spirit -30° to 1°C freezer	1/ea
240049	240049	Red spirit 15° to 50°C incubator	1/ea
240043	240043	Red spirit -5° to 15°C refrigerator	1/ea
240047	240047	Red spirit -90° to 25°C ultra-low freezer	1/ea
240054	240054	Enviro-Safe -30° to 1°C freezer	1/ea
240053	240053	Enviro-Safe 20° to 50°C incubator	1/ea
240052	240052	Enviro-Safe -5° to 20°C refrigerator	1/ea

### Temp-Chek Digital Thermometer

STRECK - The Temp-Chek digital thermometer offers safe, reliable and accurate monitoring of laboratory temperatures. Temp-Chek Digital is certified NIST-traceable, measures temperatures from -50° to 200°C and offers the convenience of an easy-to-read display and minimum/maximum temperature memory.



The Temp-Chek Digital display unit can be mounted magnetically, adhesively, by keyhole or used with the flip-out desk stand. The thermometer probe is inserted in a vial of glass beads, so readings will not fluctuate with the opening and closing of doors, resulting in a more accurate reading. The thermometer is accurate to within  $\pm 1^{\circ}\text{C}$  from -50° to 120°C,  $\pm 2^{\circ}\text{C}$  from 120° to 150°C and  $\pm 4^{\circ}\text{C}$  from 150° to 200°C. A temperature wall chart is included with each Temp-Chek Digital.

No toxic or flammable chemicals are used in Temp-Chek digital thermometers and no expensive clean-up kits or disposal services are needed.

Cat. No.	Mfr. No.	Description	Qty.
240056	240056	Digital thermometer	1/ea

### Stainless Steel Type-K Probe

CARDINAL HEALTH - Our stainless steel accessory probe with handle can be used with liquids, air/gas and semisolids. The Type-K (NiCr/NiAl) probe features a temperature range of -50 to 700°C. Measurements include 0.13 in. diameter, 5 in. stem length and 7½ in. length. Supplied with 40 in. cable.



Cat. No.	Description	Qty.
H9506-6	Stainless steel type K probe	1/ea

## If you don't see what you are looking for ... contact us.

If you don't see the product you are looking for, just pick up the phone and ask your sales or customer service representative to assist you. Visit our website at [cardinalhealth.com](http://cardinalhealth.com) for more information.

**Customer Service: 800.964.5227**

# Test Tubes and Closures

## Corks/Flange Cap Closures/Plastic Caps



### XXX Standard-Grade Corks

**CARDINAL HEALTH** - Our XXX standard-grade quality corks are recommended for routine closures. These corks are fine grain and uniform in quality.

Cat. No.	Size No.	Qty.
C8205-3T	000	500/pk
C8205-2T	00	500/pk
C8205-1T	0	500/pk
C8205-1	1	500/pk
C8205-2	2	500/pk
C8205-4	4	500/pk
C8205-5	5	500/pk



### AccuTube® Flange Cap Closures

**CARDINAL HEALTH** - AccuTube® flange caps are made from non-autoclavable, low-density polyethylene. The flange seal allows easy opening and closure and provides universal fit on 12 and 13mm test and culture tubes. Natural color.

Cat. No.	Description	Qty.
T1226-37	Polyethylene flange cap closure	10,000/cs



### Flange Plug Caps

**SIMPORT PLASTICS** - These 12mm polyethylene caps have two flexible flanges for a leak-resistant seal. They are designed to fit into test tubes, round cuvettes and centrifuge tubes. Choose from three colors.

Cat. No.	Mfr. No.	Description	Qty.
T404-3B	T404-3B	Blue	1,000/bg
T404-3G	T404-3G	Green	1,000/bg
T404-3N	T404-3N	Natural	1,000/bg



### LDPE Flange Caps

**STOCKWELL** - Ideal for resealing test tubes and culture tubes, these caps help to prevent spills and evaporation by employing a liquid-tight seal.

Cat. No.	Mfr. No.	Description	Qty.
<b>12mm caps</b>			
8559B	8559B	Blue	1,000/bg
8559G	8559G	Green	1,000/bg
8559	8559	Natural	1,000/bg
8559R	8559R	Red	1,000/bg
8559Y	8559Y	Yellow	1,000/bg
<b>16mm cap</b>			
8558	8558	Natural	1,000/bg

### Polyethylene Test Tube Caps

**EVERGREEN SCIENTIFIC** - This nonsterile, precision-molded polyethylene stopper cap for test tubes is available in a standard cap style. It is intended for use with 13mm tubes.

Cat. No.	Mfr. No.	Description	Qty.
3002913Y	300-2913-Y20	Yellow	1,000/pk



### 20mm Gray Butyl Two-Leg Lyophilization Stopper

**WHEATON** - This all-purpose design for lyophilization applications reduces the possibility of legs sticking to each other. Stopper fits 13 x 20mm (I.D. x O.D.).

Cat. No.	Mfr. No.	Description	Qty.
B7764-11	W224100-193	Lyophilization stopper	1,000/cs



### Two-Leg Lyophilization Stoppers

**WHEATON** - For use in lyophilization applications, these stoppers are designed to reduce the possibility of legs sticking to each other. Stopper fits 7 x 13mm (I.D. x O.D.).

Cat. No.	Mfr. No.	Description	Qty.
B7764-10	224100-092	Gray chlorobutyl-isoprene blend	100/pk, 10 pk/cs



# Test Tubes and Closures

## Plug-Type Closures

### AccuTube® Plug Closures

**CARDINAL HEALTH** - These low-density polyethylene plug caps fit snugly on 12mm tubes.

Cat. No.	Description	Qty.
B2996-70	White	5,000/cs
B2996-71	Red	5,000/cs
B2996-72	Blue	5,000/cs
B2996-73	Green	5,000/cs
B2996-74	Yellow	5,000/cs
B2996-75	Natural	5,000/cs

### AccuTube® Snap Cap Closures

**CARDINAL HEALTH** - This universal snap cap closure snugly fits both glass and plastic blood collection tubes. Caps are made from molded polyethylene to securely seal and transfer specimens and provide technician safety. Same cap fits 10, 12 and 13mm tubes.



Cat. No.	Description	Qty.
T1226-39	Polyethylene snap cap closure	10,000/cs

### SAV-IT® Closures

**CARDINAL HEALTH** - Our SAV-IT® closures are disposable safety caps for use with evacuated blood drawing tubes, glass and plastic test tubes. Closures provide a firm, positive, leak-resistant seal under various storage conditions. Closures will not pop off or interfere with most common chemistry, coagulation and drug monitoring methodologies. SAV-IT® closures can also be pierced and used with closed tube instrumentation. A one-handed technique can be used for applying and removing the SAV-IT® closure. Fit 12, 13 and 16mm tubes.



SAV-IT® is a registered trademark of Porex Corporation.

Cat. No.	Description	Qty.
<b>12mm/13mm</b>		
B2996-18	Red	10,000/cs
B2996-19	Green	10,000/cs
B2996-20	Lavender	10,000/cs
B2996-21	Black	10,000/cs
B2996-22	Blue	10,000/cs
B2996-23	Gray	10,000/cs
B2996-24	Yellow	10,000/cs
B2996-25	White	10,000/cs
<b>16mm</b>		
B2996-10	Red	10,000/cs
B2996-11	Green	10,000/cs
B2996-12	Lavender	10,000/cs
B2996-13	Black	10,000/cs
B2996-14	Blue	10,000/cs
B2996-15	Gray	10,000/cs
B2996-16	Yellow	10,000/cs
B2996-17	White	10,000/cs

### Snap Cap Closures

**CARDINAL HEALTH** - Our snap cap closure protective caps clamp firmly on tubes to help preserve sample integrity and to reduce the risk of accidental infection of laboratory personnel.



Caps are precision molded from low-density polyethylene, with a double-flanged seal and thumb tab that allows you to secure and remove caps easily. Two cap sizes fit most 13mm or 16mm glass blood collection tubes and 12mm plastic culture tubes.

Seven colors give you at-a-glance sample identification and enable you to match the original stopper color. The caps are packaged in a protective poly bag within dispenser box for convenient benchtop use and storage.

**NOTE:** Do not use with glass culture tubes.

Cat. No.	Description	Qty.
<b>12mm/13mm</b>		
B3035-86V	Gray	10,000/cs
B3035-85V	Lavender	10,000/cs
B3035-84V	Yellow	10,000/cs
B3035-83V	Green	10,000/cs
B3035-82V	Blue	10,000/cs
B3035-81V	Red	10,000/cs
B3035-80V	White	10,000/cs
<b>16mm</b>		
B3035-56V	Gray	10,000/cs
B3035-55V	Lavender	10,000/cs
B3035-54V	Yellow	10,000/cs
B3035-53V	Green	10,000/cs
B3035-52V	Blue	10,000/cs
B3035-51V	Red	10,000/cs
B3035-50V	White	10,000/cs

Cardinal Health products combine the **clinical effectiveness** you need for your laboratory patients – with the **cost-effectiveness** you require for your bottom line.

# Test Tubes and Closures

## Plug-Type Closures

### VersaClosure™ Cap Closures

**CARDINAL HEALTH** - For a firm, positive closure with a universal cap, turn to our versatile cap closures. Whether you want to seal inside the tube or over the tube rim, these one-size caps fit a wide range of tube sizes, making them ideal for laboratory standardization. You need just one hand to seal them under various temperature and storage conditions. They provide a strong seal to help ensure sample integrity while preventing loss due to evaporation.

Available in eight colors. Same cap fits 10, 12, 13 and 16mm tubes. For use with glass, plastic and blood test tubes.

*VersaClosure™ is a trademark of Porex Corporation.*



### Uni-Flex Safety Caps™

**BIO PLAS** - Uni-Flex Safety Caps™ can be used to cap and recap disposable blood collection tubes and disposable culture tubes. The stretchable Uni-Flex Safety Caps™ can easily be applied or removed with just one hand. A liquid-tight seal locks the cap securely onto the outside of the tube lip to help prevent sample spillage and sample will not aerosolize when opened. Uni-Flex Safety Caps™ are designed to hold under centrifugation, agitation, refrigeration and freezing. They are available in different colors for convenient identification of samples. The 16mm size will fit both disposable culture tubes and disposable blood collection tubes. Natural colored caps are trace metal-free.

Cat. No.	Description	Qty.
<b>B2996-60</b>	White/natural	10,000/cs
<b>B2996-61</b>	Black	10,000/cs
<b>B2996-62</b>	Blue	10,000/cs
<b>B2996-63</b>	Gray	10,000/cs
<b>B2996-64</b>	Green	10,000/cs
<b>B2996-65</b>	Lavender	10,000/cs
<b>B2996-66</b>	Red	10,000/cs
<b>B2996-67</b>	Yellow	10,000/cs



### Color-Coded Polyethylene Test Tube Caps

**STOCKWELL** - Color-coded polyethylene test tube caps are ideal for color-coding tests. Snug-fitting caps enable one-handed cap action. Use these plug caps with Stockwell 12 x 75mm tubes.

Cat. No.	Mfr. No.	Description	Qty.
<b>T1224-11</b>	8565B-10	Blue	1,000/pk, 10 pk/cs
<b>T1224-12</b>	8565G-10	Green	1,000/pk, 10 pk/cs
<b>T1224-17</b>	8565-10	White	1,000/pk, 10 pk/cs

Cat. No.	Mfr. No.	Description	Qty.
<b>For 12mm culture tubes or 13mm blood collection tubes</b>			
<b>B2997-8</b>	6550	Natural	1,000/pk, 10 pk/cs
<b>B2997-9</b>	6555	Red	1,000/pk, 10 pk/cs
<b>B2997-10</b>	6560	Lavender	1,000/pk, 10 pk/cs
<b>B2997-11</b>	6565	Green	1,000/pk, 10 pk/cs
<b>B2997-12</b>	6570	Blue	1,000/pk, 10 pk/cs
<b>B2997-13</b>	6575	Gray	1,000/pk, 10 pk/cs
<b>For 13mm culture tubes</b>			
<b>B2997-15</b>	6600	Natural	1,000/pk, 10 pk/cs
<b>B2997-16</b>	6605	Red	1,000/pk, 10 pk/cs
<b>B2997-17</b>	6610	Lavender	1,000/pk, 10 pk/cs
<b>B2997-18</b>	6615	Green	1,000/pk, 10 pk/cs
<b>B2997-19</b>	6620	Blue	1,000/pk, 10 pk/cs
<b>B2997-21</b>	6630	Yellow	1,000/pk, 10 pk/cs
<b>For 16mm culture and blood collection tubes</b>			
<b>B2997-22</b>	6700	Natural	1,000/pk, 10 pk/cs
<b>B2997-23</b>	6705	Red	1,000/pk, 10 pk/cs
<b>B2997-24</b>	6710	Lavender	1,000/pk, 10 pk/cs
<b>B2997-26</b>	6720	Blue	1,000/pk, 10 pk/cs
<b>B2997-28</b>	6730	Yellow	1,000/pk, 10 pk/cs

### Plug Caps for Transport Tubes

**STOCKWELL** - Use this 16mm plug cap with ST8577.



Cat. No.	Mfr. No.	Description	Qty.
<b>8589</b>	8589	LDPE plug cap, white - hollow bottom - 16mm	1,000/bg

# Test Tubes and Closures

## Plug-Type Closures/Screw Caps/Centrifuge Tubes - Conical

### Polyethylene Tube Caps

STOCKWELL - Use polyethylene thumb caps for resealing evacuated glass and glass culture tubes. Choose from a variety of colors.



Cat. No.	Mfr. No.	Description	Qty.
<b>For 12mm glass culture tubes and 13mm glass evacuated tubes</b>			
8569B	8569B	Blue	1,000/bg
8569G	8569G	Green	1,000/bg
8569L	8569L	Lavender	1,000/bg
8569R	8569R	Red	1,000/bg
8569	8569	White	1,000/bg
8569Y	8569Y	Yellow	1,000/bg
<b>For 13mm glass culture tubes</b>			
8573B	8573B	Blue	1,000/bg
8573SI	8573SI	Gray	1,000/bg
8573G	8573G	Green	1,000/bg
8573L	8573L	Lavender	1,000/bg
8573R	8573R	Red	1,000/bg
S8573	8573	White	1,000/bg
<b>For 16mm glass tubes</b>			
8579B	8579B	Blue	1,000/bg
8579G	8579G	Green	1,000/bg
8579R	8579R	Red	1,000/bg
S8579	8579	White	1,000/bg

### Corning® Disposable Screw Caps

CORNING - These caps are made of a phenolic compound. Each cap includes a white rubber liner.



### Corning® Reusable Phenolic Screw Caps

CORNING - These caps are fabricated from a resin specially formulated to resist the effects of temperature and steam autoclaving.



Cat. No.	Mfr. No.	Description	Qty.
<b>With Teflon®-faced rubber liner</b>			
T1358-1	9998-13	Screw cap with liner 13-415	288/cs
T1358-2	9998-15	Screw cap with liner 15-415	288/cs

### KIM-KAP™ Polypropylene Closures

KIMBLE CHASE - Use these closures with a variety of disposable culture tubes to keep contents sterile without the need for cotton plugging. They are autoclavable and can be removed and replaced without contaminating tube contents.



Cat. No.	Mfr. No.	Description	Qty.
T1291-13A	73660 13	13mm O.D., natural	1,000/cs

### Nonsterile Screw Caps for Sample Tubes

SIMPORT PLASTICS - These nonsterile screw caps are made of polypropylene. Caps feature a long skirt and fast thread design, enabling you to easily remove or seal the caps with a single turn. Caps do not have silicone washer.



Cat. No.	Mfr. No.	Description	Qty.
T502N	T502N	Natural color	1,000/cs



### Sterile Disposable Centrifuge Tubes

CARDINAL HEALTH - Our disposable centrifuge tubes are designed to fit standard centrifuge apparatuses for general laboratory use. Conical tubes feature plug seal cap with leak-resistant seal.

Translucent polypropylene tubes have black printed graduations and greater strength for high-speed centrifugation. Available in poly-foam rack.

Cat. No.	Description	Qty.
SP3920-80	15mL, plug cap w/rack	50/pk, 10 pk/cs
SP3920-15A	15mL, plug seal bulk	50/pk, 10 pk/cs
SP3920-15B	15mL, plug seal w/rack	50/pk, 10 pk/cs
SP3920-50A	50mL, plug cap bulk	25/pk, 20 pk/cs
SP3920-50	50mL, plug cap w/rack	25/pk, 20 pk/cs
SP3921-50A	50mL, top cap w/rack	25/pk, 20 pk/cs

### Corning® Self-Standing Centrifuge Tubes

CORNING - These disposable sterile polypropylene tubes are ideal for sample storage and for working in laminar flow hoods. The tubes have printed graduations and can withstand a maximum RCF of 3,000 x g. Tubes feature conical bottom with attached skirt, so they can stand independently. Tubes are available with plug seal or flat top cap.



Cat. No.	Mfr. No.	Description	Qty.
C3974-10	430897	Plug seal	500/cs
C3974-11	430921	Flat top	500/cs

# Test Tubes and Closures

## Centrifuge Tubes - Conical



### Corning® Sterile Centrifuge Tubes with Plug Seal Cap

CORNING - These disposable centrifuge tubes are recommended for general laboratory applications. The tubes are designed to fit most standard centrifuge apparatus and are supplied with a leak-resistant plug seal cap. All tubes have black graduations and a large white marking spot. Tubes are certified non-pyrogenic.

Cat. No.	Mfr. No.	Description	Qty.
<b>Polyethylene terephthalate tubes</b>			
C3972-15	430053	15mL, sleeve	500/cs
C3973-15	430055	15mL, rack	500/cs
C3974-50	430304	50mL, rack	500/cs
<b>Polypropylene tubes</b>			
C3975-15	430052	15mL, rack	500/cs
CC430766	430766	15mL, sleeve	500/cs
C3972-50	430291	50mL, sleeve	500/cs
C3973-50	430290	50mL, rack	500/cs

### Corning® Sterile Disposable Polypropylene Centrifuge Tubes with Centristar™ Cap

CORNING - Convenient, disposable tubes feature easy-to-read, accurate, black printed graduations and a large white marking spot that provides a light-colored writing area. Corning® Centristar™ tubes have leakproof design to withstand a maximum RCF of 12,500 x g in 15mL and 17,000 x g in 50mL. The Centristar™ cap allows for easy removal and labeling. Tubes are certified non-pyrogenic, RNase- and DNase-free.



Cat. No.	Mfr. No.	Description	Qty.
<b>15mL tubes</b>			
C3971-60	430790	15mL, rack	500/cs
C3971-75	430791	15mL, sleeve	500/cs
<b>50mL tubes</b>			
C3971-50	430828	50mL, rack	500/cs
C3972-550	430829	50mL, sleeve	500/cs



### Polypropylene Conical Centrifuge Tubes

AZER SCIENTIFIC - These disposable 50mL centrifuge tubes are made of clear polypropylene and can withstand a maximum RCF of 8,400 x g. They are sterilized by gamma radiation and feature black printed graduations and white labeling area. The tubes are available with a polypropylene plug-seal or polyethylene flat-top cap. They are graduated in 2.5mL increments.

Cat. No.	Mfr. No.	Description	Qty.
ES-0502N	ES-0502N	With plug-seal cap	500/cs
ES-9502N	ES-9502N	With flat-top cap	500/cs

### BD Falcon™ Conical Centrifuge Tubes

BD - Choose these sterile BD Falcon™ high-clarity tubes for applications requiring durability and chemical stability. The dark blue printed graduations and white writing areas are resistant to commonly used laboratory solvents, and the tube itself is nonpyrogenic. Maximum RCF rating for polypropylene tubes is 12,000 for 15mL tubes and 16,000 for 50mL tubes. Maximum RCF rating for polystyrene tubes is 1,800 for 15mL tubes. The 15mL polystyrene racks can be conveniently divided into two racks. Both caps provide a secure, leak-resistant seal. The 50mL flat-top screw cap allows one-hand manipulation and provides a level writing area.



Cat. No.	Mfr. No.	Description	Qty.
<b>Polypropylene tubes</b>			
C3917-16X	352097	15mL	50/pk, 10 pk/cs
C3945-1	352196	15mL	50/pk, 10 pk/cs
C3977-4	352096	15mL	500/cs
C3976-50	352098	50mL	20/cs
C3978-50	352070	50mL	500/cs
<b>Polystyrene tubes</b>			
C3976-15A	352099	15mL	500/cs
C3978-15A	352095	15mL	50/sp, 10 sp/cs

# Test Tubes and Closures

## Centrifuge Tubes - Conical

### Conical Polystyrene and Polypropylene Centrifuge Tubes

EVERGREEN SCIENTIFIC - Precision-molded from premium-grade, chemically inert plastic, these conical tubes are available in clear polystyrene or transparent polypropylene. 15mL conical polystyrene tubes can withstand up to 3,000 x g and are appropriate for use with mild acids and salt. 15mL conical polypropylene tubes can withstand up to 5,400 x g and are appropriate for use with strong acids and ketones. Freestanding and conical 50mL polypropylene tubes can withstand up to 6,000 x g and are ideal for solvents, alcohol, chlorinated and aromatic hydrocarbons (except xylene) and ketones.

Cat. No.	Mfr. No.	Description	Qty.
<b>15mL polystyrene tubes</b>			
214241501	214-2415-010	Unthreaded, graduated	500/cs
<b>15mL polypropylene tubes</b>			
2222469G80	222-2469-G80	With cap, graduated, tray packed, sterile	500/cs
2402469G80	240-2469-G80	With cap, graduated, bulk packed	1,000/cs
<b>50mL polypropylene tubes</b>			
2223550G80	222-3550-G80	Freestanding, with cap, sterile	500/cs

### Push Cap Closures for Reagent and Centrifuge Tubes

SARSTEDT - LD-PE push caps are compatible with plastic test tubes with a 13mm outer diameter. Caps feature three sealing rings for a tight closure and a tall grip top for easy handling.

Cat. No.	Mfr. No.	Description	Qty.
S65806	65.806	Neutral	1,000/pk, 10 pk/cs
S65806511	65.806.511	Violet	1,000/pk, 10 pk/cs

### Tube with Conical Base, Push Cap, with Graduation and Writing Space

SARSTEDT - This 10mL tube is made from robust polypropylene and features a conical base suitable for centrifugation. The tube is printed with a white writing space and graduation. Corresponding neutral LD-PE push caps are included.

Cat. No.	Mfr. No.	Description	Qty.
S629924272	62.9924.272	Volume: 10mL; length/Ø (mm): 1,000/cs 100/16	

### Tubes with Conical Base, Red Screw Cap from HD-PE, with Graduation and Writing Space

SARSTEDT - Conical screw cap tubes have a double lead thread for leak-resistant closure and are made from transparent USP Class VI polypropylene for optimum sample visibility. Tubes may be centrifuged up to 9,500 x g and feature a printed writing space and graduation. Sterile versions are certified non-pyrogenic and non-cytotoxic.

Cat. No.	Mfr. No.	Description	Qty.
S62554001	62.554.001	Red cap included, nonsterile; volume: 15mL; length/Ø (mm): 120/17	50/bg, 500/cs
S62547004	62.547.004	Red cap assembled, sterile; volume: 50mL; length/Ø (mm): 114/28	50/ea, 200/cs

### Tube with Conical False Bottom, No Cap, with Graduation and Writing Space

SARSTEDT - False bottom tubes feature an elevated conical base with a tall skirt for automated sample analysis of small volume yields. This tube has a 3.5mL capacity, a rounded skirt bottom for optimal sample tray compatibility and printed writing space and graduation. A neutral HD-PE screw cap is available separately.

Cat. No.	Mfr. No.	Description	Qty.
S62617011	62.617.011	Volume: 3.5mL; length/Ø (mm): 92/13	1,000/cs

### Tube with Conical False Bottom, Screw Cap from HD-PE, with Graduation and Writing Space

SARSTEDT - False bottom tubes feature an elevated conical base with a tall skirt for automated sample analysis of small volume yields. This tube has a 5mL capacity, a straight skirt bottom and printed writing space and graduation. A neutral HD-PE screw cap is included.

Cat. No.	Mfr. No.	Description	Qty.
S62611009	62.611.009	Volume: 5mL; length/Ø (mm): 92/15.3	1,000/cs

### Tube with Conical Skirted Base, Screw Cap HD-PE

SARSTEDT - This 3.5mL screw cap tube is made from premium polypropylene with high transparency for sample visibility. The tube has a conical base with skirt and a neutral HD-PE screw cap is included.

Cat. No.	Mfr. No.	Description	Qty.
S60549	60.549	Neutral cap enclosed; volume: 3.5mL; length/Ø (mm): 66/11.5	1,000/pk, 2 pk/cs

### Tube with Conical Skirted Base, Screw Cap from HD-PE

SARSTEDT - This 10mL screw cap tube is manufactured from optically clear polystyrene for high visibility of sample material. It features a conical base with skirt and a neutral HD-PE screw cap is included.

Cat. No.	Mfr. No.	Description	Qty.
S609921821	60.9921.821	Neutral cap enclosed; volume: 10mL; length/Ø (mm): 97/16	500/pk, 2 pk/cs

# Test Tubes and Closures

## Centrifuge Tubes - Conical/Micro



### 15mL Conical Centrifuge Tubes

**STOCKWELL** - These 15mL conical centrifuge tubes are made from premium polystyrene and offer accurate graduations for precise results. Caps sold separately.

Cat. No.	Mfr. No.	Description	Qty.
<b>ST8516-500</b>	8516-500	Tray pack, 50 tubes per tray	10 trays/cs
<b>8514</b>	8514	Bulk pack, 250 tubes per package	500/cs
<b>8515R</b>	8515	Bulk pack, 250 tubes per package	1,000/cs

### Screw-Cap Centrifuge Tubes

**STOCKWELL** - Use these versatile centrifuge tubes for contaminant-sensitive separations. A molded-in sealing ring helps to ensure a leak-resistant seal without the contamination issues of cap liners. Available with molded graduations for reading ease. Polypropylene copolymer: 6400 RCF. Caps included.

Cat. No.	Mfr. No.	Description	Qty.
<b>3220R</b>	3220	Polypropylene, molded, nonsterile	500/cs



### Thermo Scientific Nunc EZFlip Conical Centrifuge Tubes

**THERMO FISHER SCIENTIFIC** - Nunc™ EZ Flip Conical Centrifuge Tubes come in a proprietary hinged-cap tube system—with an ergonomic design for one-handed opening and closing. Thermo Scientific Nunc Labware Products are made from high-purity resins and molded using state-of-the-art processes. Plastic labware is a safer alternative to glass without sacrificing accuracy.



Cat. No.	Mfr. No.	Description	Qty.
<b>362695</b>	362695	Racked - 15mL	50/pk, 10 pk/cs

### Microcentrifuge Tubes with Attached Snap Cap

**CARDINAL HEALTH** - Designed for use with a wide variety of centrifuge models, these conical microcentrifuge tubes feature a permanently attached snap cap that provides a leak-resistant seal. C1300-40 is made of polyethylene and is not autoclavable.



Cat. No.	Description	Vol. (mL)	Qty.
<b>C1300-40</b>	Polyethylene	0.4	1,000/pk, 10,000/cs
<b>C1300-41</b>	Polypropylene	25	1,000/pk, 10,000/cs

### Microcentrifuge Tubes with Locking Lid

**CARDINAL HEALTH** - Our locking-lid microcentrifuge tubes feature a pierceable cap that snaps closed and locks into place in a convenient one-handed operation. Tubes are ideal for use in sample-handling applications, including centrifugation, boiling and freezing of specimens, incubation and storage. They are made of polypropylene and have graduation marks to facilitate volume estimation. Available in three sizes and a range of colors. Each size is also available in an individually-wrapped sterilized version, natural color.



Cat. No.	Description	Qty.
<b>0.6mL tubes</b>		
<b>C1300-62</b>	Natural	1,000/pk, 10,000/cs
<b>C1300-63</b>	Red	1,000/pk, 10,000/cs
<b>C1300-64</b>	Blue	1,000/pk, 10,000/cs
<b>C1300-65</b>	Green	1,000/pk, 10,000/cs
<b>C1300-66</b>	Yellow	1,000/pk, 10,000/cs
<b>C1300-68</b>	Violet	1,000/pk, 10,000/cs
<b>1.5 to 1.7mL tubes</b>		
<b>C1300-42</b>	Blue	500/pk, 5,000/cs
<b>C1300-43</b>	Green	500/pk, 5,000/cs
<b>C1300-44</b>	Natural	500/pk, 5,000/cs
<b>C1300-45</b>	Yellow	500/pk, 5,000/cs
<b>C1300-50</b>	Mixed	500/pk, 5,000/cs
<b>2mL tubes</b>		
<b>C1300-52</b>	Natural	500/pk, 5,000/cs
<b>C1300-60</b>	Mixed	500/pk, 5,000/cs
<b>Sterilized tubes, individually-wrapped</b>		
<b>C1300-71</b>	0.6mL	500/pk, 5,000/cs
<b>C1300-51</b>	1.5 to 1.7mL	500/pk, 5,000/cs
<b>C1300-61</b>	2mL	250/pk, 2,500/cs

# Test Tubes and Closures

## Centrifuge Tubes - Micro

### Microcentrifuge Tubes with Snap Cap

**CARDINAL HEALTH** - These high-performance polypropylene tubes are autoclavable to 120°C and freezeable to -80°C. Designed for a range of sample handling, processing and storage applications, tubes are available in three volumes and an assortment of colors. Tubes have flat-top snap cap, except 1.5mL tubes, which also are available with indented-top snap cap. Caps are pierceable to facilitate sample removal.



The 0.6mL tubes are ideal for PCR\* applications. The 1.5 and 2mL tubes are graduated for easy volume estimation, have a frosted writing area on both tube and cap for identification of contents and are also available in a sterilized version, individually-wrapped. Snap-seal closure resists leakage. Designed to withstand 17,000 to 30,000 x g.

Cat. No.	Description	Qty.
<b>0.6mL tubes with flat-top cap, plain</b>		
<b>C1300-11</b>	Natural	1,000/pk, 10,000/cs
<b>C1300-12</b>	Red	1,000/pk, 10,000/cs
<b>C1300-13</b>	Blue	1,000/pk, 10,000/cs
<b>C1300-14</b>	Green	1,000/pk, 10,000/cs
<b>C1300-15</b>	Yellow	1,000/pk, 10,000/cs
<b>C1300-19</b>	Mixed	1,000/pk, 10,000/cs
<b>1.5mL tubes with flat-top cap, graduated</b>		
<b>C1300-21</b>	Red	500/pk, 5,000/cs
<b>C1300-22</b>	Blue	500/pk, 5,000/cs
<b>C1300-23</b>	Green	500/pk, 5,000/cs
<b>C1300-24</b>	Yellow	500/pk, 5,000/cs
<b>C1300-26</b>	Violet	500/pk, 5,000/cs
<b>C1300-27</b>	Amber	500/pk, 5,000/cs
<b>C1300-28</b>	Mixed	500/pk, 5,000/cs
<b>C1300-29</b>	Natural	500/pk, 5,000/cs
<b>2mL tubes with flat-top cap, graduated</b>		
<b>C1300-31</b>	Red	500/pk, 5,000/cs
<b>C1300-31X</b>	Natural	500/pk, 5,000/cs
<b>C1300-32</b>	Yellow	500/pk, 5,000/cs
<b>C1300-36</b>	Violet	500/pk, 5,000/cs
<b>C1300-37</b>	Amber	500/pk, 5,000/cs
<b>C1300-38</b>	Mixed	500/pk, 5,000/cs
<b>Sterilized tubes with flat-top cap, graduated</b>		
<b>C1300-30</b>	Natural, 1.5mL	250/pk, 2,500/cs
<b>C1300-39</b>	Natural, 2mL	250/pk, 2,500/cs

\* Patent owned by Hoffman-La Roche, Inc.

### Screw-Top Microcentrifuge Tubes and Screw Caps

**CARDINAL HEALTH** - Our sturdy polypropylene screw-top tubes are suitable for vapor-phase liquid nitrogen storage, boiling and autoclaving. Designed to withstand 18,000 to 25,000 x g. Tubes feature external ribs to help you position and lock them into racks and to facilitate single-handed opening and closing. Order tubes and screw caps separately, or choose sterilized tubes, which are supplied with a cap. All tubes and caps have a frosted writing area and are autoclavable. Tubes C1300-82 and -83 are also graduated.



Choose tubes in skirted or conical style, natural or amber color, in 0.5mL, 1.5mL and 2mL sizes. Individual caps are available with or without O-ring and can be pierced for sample removal. Sterilized tubes are natural color and include screw cap with O-ring.

Cat. No.	Description	Qty.
<b>0.5mL tubes only</b>		
<b>C1300-72</b>	Skirted, natural	500/pk, 5,000/cs
<b>1.5mL tubes only</b>		
<b>C1300-76</b>	Conical, natural	500/pk, 5,000/cs
<b>C1300-77</b>	Conical, amber	500/pk, 5,000/cs
<b>C1300-78</b>	Skirted, natural	500/pk, 5,000/cs
<b>2mL tubes only</b>		
<b>C1300-80</b>	Conical, natural	500/pk, 5,000/cs
<b>C1300-81</b>	Conical, amber	500/pk, 5,000/cs
<b>C1300-82</b>	Skirted, natural	500/pk, 5,000/cs
<b>C1300-83</b>	Skirted, amber	500/pk, 5,000/cs
<b>Screw caps without O-ring</b>		
<b>C1310-1</b>	Natural	500/pk, 5,000/cs
<b>C1310-2</b>	Blue	500/pk, 5,000/cs
<b>C1310-3</b>	Yellow	500/pk, 5,000/cs
<b>C1310-4</b>	Red	500/pk, 5,000/cs
<b>C1310-11</b>	Mixed	500/pk, 5,000/cs
<b>Screw caps with O-ring</b>		
<b>C1310-12</b>	Natural	500/pk, 5,000/cs
<b>C1310-13</b>	Blue	500/pk, 5,000/cs
<b>C1310-14</b>	Yellow	500/pk, 5,000/cs
<b>C1310-15</b>	Red	500/pk, 5,000/cs
<b>C1310-17</b>	Green	500/pk, 5,000/cs
<b>C1310-18</b>	Orange	500/pk, 5,000/cs
<b>C1310-20</b>	Violet	500/pk, 5,000/cs
<b>C1310-21</b>	Amber	500/pk, 5,000/cs
<b>C1310-22</b>	Mixed	500/pk, 5,000/cs
<b>Skirted sterile tubes with O-ring screw cap</b>		
<b>C1310-24</b>	0.5mL	500/pk, 2,500/cs
<b>C1310-26</b>	1.5mL	500/pk, 2,500/cs
<b>C1310-28</b>	2mL	500/pk, 2,500/cs
<b>Conical sterile tubes with O-ring screw cap</b>		
<b>C1310-25</b>	0.5mL	500/pk, 2,500/cs
<b>C1310-27</b>	1.5mL	500/pk, 2,500/cs
<b>C1310-29</b>	2mL	500/pk, 2,500/cs

# Test Tubes and Closures

## Centrifuge Tubes - Micro



### Costar® Microcentrifuge Tubes with Snap Cap

CORNING - Sized for convenient handling and recovery of small samples. These precision-molded polypropylene tubes feature external graduations and a frosted writing surface for easy identification. The snap cap has a flat surface for convenient labeling and a positive seal design that allows repeated opening and closing. All tubes are compatible with most microcentrifuge rotors and are designed to withstand a maximum RCF of 17,000 x g. They are certified RNase- and DNase-free. Tubes are nonsterile and autoclavable.

Cat. No.	Mfr. No.	Description	Qty.
CC3620	3620	Natural	500/cs
CC3622	3622	Assorted	500/cs

### Conical Microcentrifuge Tubes with Anticoagulant

EPPENDORF - These heparin-coated tubes are designed for use with all Eppendorf® microcentrifuges and are color-coded for easy identification. The coating reduces the incidence of coagulation. Samples can be centrifuged within minutes of collection. There are 1,000 tubes per package.

Cat. No.	Mfr. No.	Description	Qty.
C3515-21	22379208	1.5mL polypropylene (10 x 11mm) - Heparin-Li	1,000/pk

### DNA LoBind Microcentrifuge Tubes

EPPENDORF - DNA LoBind tubes improve recovery of nucleic acids by reducing their adsorption to the tube wall. A combination of special manufacturing technologies and selected polypropylene batches ensures nearly 100% recovery of DNA/RNA molecules—without surface coating to eliminate the risk of sample contamination. DNA LoBind tubes are batch-tested and certified by an independent laboratory to be free from DNA, DNase, RNase and PCR inhibitors. Small packaging in bags of 50 tubes further helps reduce the risk of contamination.



Cat. No.	Mfr. No.	Description	Qty.
<b>0.5mL capacity tubes</b>			
C3515-401	22431005	Natural	250/cs
<b>1.5mL capacity tubes</b>			
C3515-402	22431021	Natural	250/cs
<b>2.0mL capacity tubes</b>			
C3515-403	22431048	Natural	250/cs

### Flex-Tube® Microcentrifuge Tubes

EPPENDORF - The easy-open, easy-close design of these tubes provides convenient and reliable sample preparation, centrifugation and storage. The 1.5mL tubes remain tightly sealed during centrifugation and other laboratory procedures. They also have an etched writing surface for convenient sample identification and volume graduations. The tubes are autoclavable at 121°C.



Cat. No.	Mfr. No.	Description	Qty.
C3515-10	22364111	Natural	500/cs

### Protein LoBind Microcentrifuge Tubes

EPPENDORF - Eppendorf® Protein LoBind tubes are specifically designed for use in proteomics or other fields of protein research (antibodies, cell biology, peptide drugs, etc.), where protein concentration tends to be very small and sample recovery is vital for assay results. Significantly more protein can be recovered for downstream analyses and enzymes remain active, as they are not denatured by any tube-surface interactions.



Cat. No.	Mfr. No.	Description	Qty.
<b>0.5mL capacity tubes</b>			
C3515-405	22431064	Natural	100/cs
<b>1.5mL capacity tubes</b>			
C3515-406	22431081	Natural	100/cs
<b>2.0mL capacity tubes</b>			
C3515-407	22431102	Natural	100/cs



### Safe-Lock Microcentrifuge Tubes

EPPENDORF - The hinged lid on these polypropylene microcentrifuge tubes help prevent tubes from opening during critical procedures such as centrifugation, incubating, freezing, storing or shipping. Tubes stay securely closed yet are easily opened with one hand. Safe-lock helps eliminate sample loss and hazardous splash over. The 0.5, 1.5 and 2.0mL test tubes have volume markings and labeling marking surfaces. They are autoclavable at 121°C.

Cat. No.	Mfr. No.	Description	Qty.
<b>0.5mL capacity tubes</b>			
22363611	22363611	Natural	500/cs
<b>1.5mL capacity tubes</b>			
C3515-50	22363204	Natural	500/pk
C3515-52	22363247	Blue	500/pk
<b>2.0mL capacity tubes</b>			
C3515-100	22363352	Natural	500/cs

# Test Tubes and Closures

## Centrifuge Tubes - Micro/Round Bottom



### Sterile Screw Cap Micro Tube

SARSTEDT - Versatile screw cap micro tubes made from robust polypropylene are ideal for centrifugation, transport and storage. Caps feature an integral O-ring for secure, leak-resistant closure. Raised knurls around the tube circumference enable single-handed operation in corresponding Sarstedt gripper racks.

Cat. No.	Mfr. No.	Description	Qty.
<b>1.5mL, conical base, neutral screw cap with O-ring</b>			
<b>S72692005</b>	72.692.005	Screw cap assembled, sterile	1,000/cs
<b>2.0mL, conical base, neutral screw cap with O-ring</b>			
<b>S72693005</b>	72.693.005	Screw cap assembled, sterile	1,000/cs
<b>2.0mL, conical base with skirt, neutral screw cap with O-ring</b>			
<b>S72694006</b>	72.694.006	Printed writing space and graduation, screw cap assembled, sterile	1,000/cs

### Thermo Scientific Nalgene Round-Bottom Centrifuge Tubes

THERMO FISHER SCIENTIFIC - A special uniform diameter design gives better rotor fit and improved g-force tolerance. The molding technique produces a uniform wall thickness for greater strength. Polycarbonate tubes are autoclavable, crystal-clear and stronger than polypropylene. They withstand forces up to 50,000 x g in refrigerated and nonrefrigerated centrifuges.



Cat. No.	Mfr. No.	Description	Qty.
<b>C4051-12</b>	3117-0120	12mL capacity - 16 x 103.5mm	10/pk, 10 pk/cs

### Amber Push Cap Tube with Round Base

SARSTEDT - This 5mL round base test tube is made from robust polypropylene with amber pigmentation to protect light-sensitive samples. Corresponding push caps are available separately.

Cat. No.	Mfr. No.	Description	Qty.
<b>S55525002A</b>	55.525.002	Volume: 5mL; length/Ø (mm): 75/13	250/pk, 8 pk/cs

### Push Cap Tubes with Round Base

SARSTEDT - Round base push cap tubes are available in polypropylene or polystyrene and in a range of sizes and volumes. Tubes are packaged in either bulk bags or oriented in compact and convenient StackPack boxes. Corresponding push caps are available separately.

Cat. No.	Mfr. No.	Description	Qty.
<b>Polystyrene</b>			
<b>S55475005</b>	55.475.005	Volume: 5mL; length/Ø (mm): 75/13	1,000/pk, 2 pk/cs
<b>S55459</b>	55.459	Volume: 13mL; length/Ø (mm): 100/16	500/pk, 2 pk/cs
<b>Polystyrene - packed in StackPacks</b>			
<b>S55476</b>	55.476	Volume: 5mL; length/Ø (mm): 75/12	500/pk, 4 pk/cs
<b>S55466</b>	55.466	Volume: 11.5mL; length/Ø (mm): 100/15.7	250/pk, 4 pk/cs
<b>Polypropylene</b>			
<b>S55516</b>	55.516	Volume: 8mL; length/Ø (mm): 100/13	500/pk, 4 pk/cs
<b>S55598</b>	55.598	Volume: 8.5mL; length/Ø (mm): 75/15.7	1,000/pk, 2 pk/cs
<b>Polypropylene - packed in StackPacks</b>			
<b>S55526</b>	55.526	Volume: 5mL; length/Ø (mm): 75/12	500/pk, 4 pk/cs
<b>S55525</b>	55.525	Volume: 5mL; length/Ø (mm): 75/13	500/pk, 4 pk/cs

### Tube with Round Base, Screw Cap from HD-PE

SARSTEDT - This 7mL screw cap tube is made from premium polypropylene with high transparency for sample visibility. The tube has a round base for a variety of laboratory applications. A neutral HD-PE screw cap is included.

Cat. No.	Mfr. No.	Description	Qty.
<b>S60550034</b>	60.550.034	Volume: 7mL; length/Ø (mm): 82/13	1,000/cs

### Tube with Round Base, Screw Cap from HD-PE, with Graduation and Writing Space

SARSTEDT - This 4.5mL screw cap tube is made from premium polypropylene with high transparency for sample visibility. The tube has a round base for a variety of laboratory applications and features a printed writing space and graduation. A neutral HD-PE screw cap is included.

Cat. No.	Mfr. No.	Description	Qty.
<b>S62557002</b>	62.557.002	Volume: 4.5mL; length/Ø (mm): 75/12	1,000/cs

# Test Tubes and Closures

## Test Tubes - Glass

### Culture Tubes

**CARDINAL HEALTH** - Our culture tubes are for general applications in blood banks, hematology, bacteriology, virology and tissue culture. These are premium-quality borosilicate glass tubes with a sturdy, uniform bottom and consistent length. Packaged in four shrink-wrapped shelf packs.



Cat. No.	Description	Qty.
SP1290-2	10 x 72mm tubes	1,000/cs
SP1290-3	12 x 75mm tubes	1,000/cs
SP1290-4	13 x 100mm tubes	1,000/cs
SP1290-6	16 x 100mm tubes	1,000/cs

### Rim Top, N-51A Borosilicate Glass Tubes

**CARDINAL HEALTH** - Borosilicate glass KIMAX-51 composition assures the best all-around chemical durability of commercial glasses now available for laboratory ware. Complies with ASTM Specification E438, Type I, Class B glass requirements. KIMAX-51 has excellent chemical resistance against sodium leaching—a factor common in soda lime glass products. These are premium quality tubes with sturdy, uniform bottoms and consistent lengths. Trays are shrink-wrapped in plastic film with tubes remaining in constant alignment for protection against in-transit breakage and contamination. Designed from ASTM Specification E890.



Cat. No.	Description	Qty.
60D73500	15 x 85mm tubes	1,000/cs

### PYREX® Culture Tubes with Screw Cap

**CORNING** - These glass culture tubes are furnished with a deep-form plastic cap to facilitate handling and sealing after autoclaving. The cap is made from a special formula resistant to the temperature and steam of autoclaving. Caps are supplied with a glued-in white rubber liner or with a Teflon®-faced rubber liner. Tubes have a white enamel spot for marking.



Cat. No.	Mfr. No.	Description	Qty.
<b>With white rubber liner - screw cap</b>			
T1360-1A	9825-13	Screw cap with 13-415 liner	144/pk, 2 pk/cs
T1360-4	9825-16XX	Screw cap with 15-415 liner	144/pk, 2 pk/cs
<b>With Teflon®-faced rubber liner</b>			
T1356-1A	9826-13	Screw cap with 13-415 liner	144/pk, 2 pk/cs
T1356-8A	9826-20X	Screw cap with 18-415 liner	96/pk, 2 pk/cs

### PYREX® Disposable Culture Tubes

**CORNING** - These PYREX® one-use, rimless culture tubes are made of borosilicate glass to reduce pH changes and contaminants potentially leached from soda-lime glass. Tubes are packaged in easy-to-open, easy-to-use shelf packs. Tubes are available in dispenser or bulk pack.

Cat. No.	Mfr. No.	Description	Qty.
<b>Dispenser pack</b>			
T1311-10	99445-10	10 x 75mm	1,000/cs
T1311-12	99445-12	12 x 75mm	1,000/cs
<b>Bulk pack</b>			
T1311-16	99445-16	16 x 100mm	1,000/cs
T1311-16X	99445-16X	16 x 125mm	1,000/cs



### PYREX® Disposable Screw-Cap Culture Tubes

**CORNING** - Use these single-use culture tubes for both tissue culture and general bacteriological work. The round-bottom tubes without cap are made of borosilicate glass in a screw-cap style. Tubes have a white marking spot. Use with caps T1355-series.

Cat. No.	Mfr. No.	Description	Qty.
T1370-13	99447-13	13 x 100mm	1,000/cs
T1370-16	99447-16	16 x 125mm	1,000/cs



**Right products,  
Right time.**

# Test Tubes and Closures

## Test Tubes - Plastic



### Microtiter/Dilution Tubes and Caps

**CARDINAL HEALTH** - Use our 1.2mL microtiter tubes for a variety of laboratory procedures including harvesting cells, cell uptakes, receptor binding and liquid assays. They can also be used for test methodologies such as CMV, HSV, HTLV and EIA. Natural-color tubes available in plain or with frosted writing area. Tubes can be autoclaved, sealed and frozen for storage. Tubes R1226-34 and R1226-37 come in an 8 x 12 rack that features alphanumeric molded-in grids and is designed for use with robotic workstations such as Beckman® Biomek®, Tecan®, Cetus/Propette, Tomtec and other diluters and dispensers. Nonsterile and sterile caps fit 1.2mL tubes.

*Beckman® and Biomek® are registered trademarks of Beckman Coulter, Inc.  
Tecan® is a registered trademark of Tecan, Inc.*

Cat. No.	Description	Qty.
<b>Tubes only</b>		
R1226-28	Plain	1,000/pk, 10,000/cs
R1226-29	With frosted writing area	1,000/pk, 10,000/cs
<b>Tubes in standard rack</b>		
R1226-30	Plain	960/pk, 4,800/cs
R1226-31	Sterile, plain	960/pk, 4,800/cs
R1226-32	With frosted writing area	960/pk, 4,800/cs
R1226-33	Sterile, with frosted writing area	960/pk, 4,800/cs
<b>Tubes in rack with alphanumeric markings</b>		
R1226-34	Plain	960/pk, 4,800/cs
R1226-35	Sterile, plain	960/pk, 4,800/cs
R1226-36	With frosted writing area	960/pk, 4,800/cs
R1226-37	Sterile, with frosted writing area	960/pk, 4,800/cs
<b>Polyethylene micro caps</b>		
R1226-42	Nonsterile	960/pk, 4,800/cs
R1226-43	Sterile	960/pk, 4,800/cs

### Urine Sediment Tubes

**AZER SCIENTIFIC** - This urine sediment tube is uniquely designed with straight sides to help eliminate interference within a tube rack and/or centrifuge inserts. Each tube has a 12mL capacity with graduations to 10mL. With a maximum RCF of 1,500G and a sediment trap capacity of 400µL, this tube permits safe and easy decanting.



Cat. No.	Mfr. No.	Description	Qty.
ES3010	ES3010	Urine sediment tubes	1,000/cs



### BD Falcon™ General-Purpose Culture Tubes

**BD** - You can use these disposable culture tubes for most of your routine laboratory procedures. The premium-grade material and precision molding ensure consistent high quality. The nonpyrogenic, 14mL polypropylene tubes include printed graduations and writing patch. These tubes are available with a patented two-position polyethylene snap cap (loosen cap for aerobic culturing, tighten it for sealing), a screw cap or without a cap.

Cat. No.	Mfr. No.	Description	Qty.
<b>Sterile polystyrene tubes</b>			
T1343-1	352003	Individually-wrapped, with snap cap	500/cs
2058	352058	Bulk packed 25/bag, with snap cap	20/cs
T1343-2	352054	Bulk packed 125/bag, with snap cap	1,000/cs
T1343-3	352052	Bulk packed 125/bag, without cap	8/cs
T1368-13A	352027	Bulk packed 125/bag, with screw cap	8/cs
T1342-1	352001	Individually-wrapped, with snap cap	500/cs
T1342-2	352057	Bulk packed 25/bag, with snap cap	20 bg/cs
T1342-12A	352051	Bulk packed 125/bag, with snap cap	8/cs
T1342-3	352017	Bulk packed 125/bag, without cap	8/cs
T1368-13B	352037	Individually-wrapped, with screw cap	500/cs
T1368-16A	352025	Bulk packed 125/bag, with screw cap	1,000/cs
T1368-16B	352045	Individually-wrapped, with screw cap	500/cs
<b>Sterile polypropylene tubes</b>			
T1343-22	352063	Bulk packed 25/bag, with snap cap	20/cs
352053	352053	Bulk packed 125/bag, without cap	1,000/cs
2059	352059	Bulk packed 25/bag, with snap cap	20/cs
<b>Nonsterile polystyrene tube</b>			
T1228-12	352008	Bulk packed 1,000/case, without cap	1,000/cs
<b>Nonsterile polypropylene tube</b>			
352002	352002	Bulk packed 1,000/case, without cap	1,000/cs
<b>Dual-position snap caps</b>			
352032	352032	For 5mL tubes	2,000/cs

# Test Tubes and Closures

## Test Tubes - Plastic



### Tubes-R-Us™ Round-Bottom Test Tubes

EVERGREEN SCIENTIFIC - Use these test tubes for routine laboratory procedures. Polystyrene tubes are appropriate for most mild acidic or alkali solutions, low alcohols and salt. Polypropylene tubes are for use in high-volume clinical chemistry analyzers. Tube T3000-124 is supplied with screw cap.

Cat. No.	Mfr. No.	Description	Qty.
<b>Polystyrene tubes</b>			
<b>T3000-121</b>	214-2030-010	8mL, 13 x 100mm	1,000/cs
<b>Polypropylene tubes</b>			
<b>T3000-123A</b>	214-2367-030	5mL, 12 x 75mm	1,000/cs
<b>2142313030</b>	214-2079-G60	8mL, 13 x 100mm	1,000/cs
<b>T3000-124</b>	2142079G60	8mL, 13 x 100mm	1,000/cs

### Tube with Skirted Round Base, Screw Cap in HD-PE

SARSTEDT - This 10mL screw cap tube is made from durable polypropylene and feature a rounded base with skirt for a variety of laboratory applications. Sterilized tubes are packaged with neutral HD-PE caps assembled and are available with and without a printed writing space and graduation.

Cat. No.	Mfr. No.	Description	Qty.
<b>S60551001</b>	60.551.001	Neutral cap assembled, sterile; volume: 10mL; length/Ø (mm): 79/16.0.	1,000/cs
<b>S62551201</b>	62.551.201	Neutral cap assembled, sterile, with printed graduation and writing space; volume: 10mL; length/Ø (mm): 79/16.0	1,000/cs

### Tube for VITEK® and VITEK® 2 from bioMérieux

SARSTEDT - This 5mL round base test tube is specifically designed for use with bioMérieux VITEK® and VITEK® 2 platforms. The tube is made from optically clear polystyrene and is packaged in compact and convenient StackPack boxes.

Cat. No.	Mfr. No.	Description	Qty.
<b>S55476061</b>	55.476.061	Volume: 5mL; length/Ø (mm): 75/12	500/pk, 4 pk/cs

### Externally Threaded Sample Tubes

SIMPORT PLASTICS - Designed for storage and transportation of biological material, these sample tubes are made of nontoxic polypropylene to provide strength and clarity. They have external threads to provide a smooth, uniform inner surface to help reduce contamination. Tubes are autoclavable up to 121°C in an upright position when caps, available separately, are loosened. Round bottom tube only can be centrifuged up to 17,000 x g. These leak-resistant tubes are tested with silicone washer screw caps, available separately, at 13.8 psi. Tube includes graduations and a white writing area. Tube is 12.5 x 92mm and has a capacity of 5mL.



Cat. No.	Mfr. No.	Description	Qty.
<b>T501-5TRP</b>	T501-5TPR	Round bottom, graduated with writing area	1,000/cs

### Color-Coded Polypropylene Test Tubes

STOCKWELL - Polypropylene test tubes are 12 x 75mm, autoclavable, have uniform wall consistency and are available in a wide range of colors.



Cat. No.	Mfr. No.	Description	Qty.
<b>T1224-7</b>	8562AM	Amber	250/pk, 8 pk/cs
<b>T1224-1</b>	8562B	Blue	250/pk, 8 pk/cs
<b>T1224-2</b>	8562G	Green	250/pk, 8 pk/cs
<b>T1224-6</b>	8562L	Lavender	250/pk, 8 pk/cs
<b>T1224-4</b>	8562P	Pink	250/pk, 8 pk/cs
<b>T1224-3</b>	8562Y	Yellow	250/pk, 8 pk/cs

### Culture Tubes

STOCKWELL - These multipurpose culture tubes are manufactured using a precision molding process that produces clean, clear tubes of superior quality with lot-to-lot consistency. A reinforced lip at the top of each tube provides optimum pressure for leak-resistant capping. Heavy-duty sidewalls for strength and durability.



Cat. No.	Mfr. No.	Description	Qty.
<b>12 x 75mm, 5mL capacity</b>			
<b>T1227-23</b>	8562	Natural polypropylene	250/pk, 8 pk/cs
<b>8560-1</b>	8560-1	Clear polystyrene	250/pk, 4 pk/cs
<b>13 x 100mm, 8mL capacity</b>			
<b>8570R</b>	8570	Clear polystyrene	250/bg, 8 bg/cs
<b>8572R</b>	8572	Natural polypropylene	250/bg, 8 bg/cs
<b>16 x 100mm, 14mL capacity</b>			
<b>8583</b>	8583	Clear polystyrene	500/bg, 2 bg/cs

# Test Tubes and Closures

## Test Tubes - Plastic/Sterile

### 12 x 75mm Test Tubes

STOCKWELL - Multi-purpose test tubes packaged in sleeved cardboard box.



Cat. No.	Mfr. No.	Description	Qty.
<b>ST8561-1</b>	8561-1	5mL round bottom (PS) clear	250/tray, 4 trays/cs

### Multi-Purpose Test Tubes

STOCKWELL - Precision-molded from premium-grade plastics and ideal for routine laboratory analysis and procedures. These tubes are rigorously inspected to ensure they surpass exacting specifications. Ideal for a wide range of laboratory applications. Available in several sizes, and from two materials, to meet a variety of needs.



- All of the tubes are plastic (polystyrene or polypropylene), thus preventing the problem of broken glass
- Polypropylene is chemically-resistant, autoclavable and virtually unbreakable
- Polystyrene is clear like glass

Note that caps are ordered separately. These tubes are not available sterile.

Cat. No.	Mfr. No.	Description	Qty.
<b>12 x 75mm</b>			
<b>8561</b>	8560	5mL round bottom (PS) - clear	250/bg, 8 bg/cs
<b>16 x 75mm</b>			
<b>T1227-24</b>	8553	11mL round bottom (PS) - clear	500/bg, 2 bg/cs
<b>8554</b>	8554	11mL round bottom (PP) - natural	500/bg, 2 bg/cs
<b>16 x 100mm</b>			
<b>8584</b>	8584	14mL round bottom (PP) - natural	500/bg, 2 bg/cs



### Thermo Scientific Nunc™ Disposable Polystyrene Culture Tubes

THERMO FISHER SCIENTIFIC - These Nunc™ disposable tubes cover a spectrum of applications and are available in a variety of sizes. Because they are disposable, these polystyrene tubes are ideal for individual requirements and reduce chances of cross-contamination. These disposable tubes also have a low affinity to proteins. Polyethylene stoppers are available separately for all tubes to help ensure tight tube closure. Selected tubes are supplied with stopper mounted for sterile work. All tubes have a round bottom.

Cat. No.	Mfr. No.	Description	Qty.
<b>Culture tubes</b>			
<b>T4136-156</b>	343923	75 x 12mm external - 5mL volume	3,000/cs
<b>T4136-150</b>	342919	100 x 15mm external - 12mL volume	1,200/cs
<b>Tube stoppers</b>			
<b>T4136-167</b>	348801	Fits tube with external diameter 12mm	3,000/cs



### Corning® Sterile Disposable Tissue Culture Tube with Treated Surface

CORNING - Polystyrene tube has a treated surface to optimize cell attachment and growth. The tube is 16 x 125mm with a reference mark for orientation and includes a one-piece leak-resistant screw cap. Tube is packed in a polyfoam rack and is certified non-pyrogenic.

Cat. No.	Mfr. No.	Description	Qty.
<b>T4190-4</b>	430172	Sterile disposable tissue culture tube with treated surface	500/cs

# Test Tubes and Closures

## Test Tubes - Sterile/Transport



### Sterile Culture Tubes

EVERGREEN SCIENTIFIC - Precision-molded from premium-grade, chemically inert plastic materials, these sterile, polystyrene culture tubes can be centrifuged to 3,000 x g. The two-position cap has inner ribs for two fits: loose for aerobic culturing and tight for anaerobic culturing and sealing.

Cat. No.	Mfr. No.	Description	Qty.
222036050	222-3036-050	5mL, 12 x 75mm	500/cs

### AccuTube® Caps and Transport Tubes

CARDINAL HEALTH - A staple for various laboratory applications involving sample and specimen preparation, storage and closed specimen handling.

The product offering includes transport tubes with screw cap closures, frosted writing surface, graduations at 1mL intervals and molded-in sealing rings for use in sample transport and storage. Available in 5mL and 10mL tube capacity.

AccuTube® test tubes and caps are precision molded with uniform size, shape and wall thickness. Multi-fitting flange and alternative closure choices help eliminate the need to purchase size-specific caps and allow for sealing either inside the tube or over the rim.



Cat. No.	Description	Qty.
T1226-52A	12 x 75 culture tube, polystyrene with cap	1,000/cs
T1226-42B	12 x 75 culture tube, polypropylene with cap	1,000/cs
T1226-22A	12 x 75 culture tube, polystyrene tube only	1,000/cs
T1226-12N	12 x 75 culture tube, polypropylene tube only	1,000/cs
T1233-3	Screw cap for 5mL and 10mL tube - blue	2,000/cs

### Transport Tubes

CARDINAL HEALTH - Use our mailing tubes for all your sample transport and storage needs. They feature a frosted writing surface and molded-in graduations and sealing rings. Supplied with screw-cap closure.



Cat. No.	Description	Qty.
<b>Nonsterile tubes with cap, unassembled</b>		
T1233-4	5mL	1,000/cs
T1233-5	10mL	1,000/cs
<b>Sterile tubes with cap, assembled</b>		
T1233-6	5mL	500/cs
T1233-7	10mL	500/cs

### Flat-Bottom Transport Tubes

INNOVA - These unprinted transport tubes are made of clarified polypropylene and designed to fit AxSYM®, Olympus® and Roche® modular systems. Each tube is supplied with a white polyethylene snap cap.



Cat. No.	Mfr. No.	Description	Qty.
012V-W	012V-W	16 x 100mm transport tube	2,000/cs

### Round-Bottom Transport Tubes

INNOVA - These unprinted 10mL transport tubes are made of clarified polypropylene. Tube P010AXSN-3 is supplied without a cap and is designed to fit AxSYM®, Olympus® and Roche modular systems. Plug-style cap 6SNC-WA is made of white polyethylene and is designed to fit tube P010AXSN-3.



Cat. No.	Mfr. No.	Description	Qty.
P010AXSN-3	010AXSN-3	Without cap, 16 x 77mm	3,000/cs
6SNC-WA	6SNC-W	Plug-style cap, white	100/bg, 20 bg/cs

# Test Tubes and Closures

## Test Tubes - Transport/Tube Accessories

### Transport Tubes

INNOVA - These tubes are made of either polypropylene or polystyrene and are supplied without caps. Choose from tubes with or without molded graduations.



Cat. No.	Mfr. No.	Description	Qty.
12904-2010	12X75EG	Polypropylene, with graduations	4,000/cs
13100PP	13X100	Polypropylene, without graduations	1,000/cs
13100PS	13X1001	Polystyrene, without graduations	1,000/cs

### Disposable Plastic Transport Tubes

STOCKWELL - These transport tubes are ideal for rapid sample collection when a plug cap is needed. They also work well in Olympus automated testing equipment. Use with Stockwell Scientific 8589 caps or 8558 caps.



Cat. No.	Mfr. No.	Description	Qty.
ST8577	8577	Polystyrene, conical bottom, 10mL capacity	250/bg, 4 bg/cs

### Transport Vials

STOCKWELL - These conical transport vials are ideal for safe transit as well as sample collection and storage. Made from virgin polypropylene, they feature freestanding units, graduation markings for accurate reference and side write-in areas for labeling. Vials also feature a screw cap with molded-in sealing ring for a leak-resistant fit.



Cat. No.	Mfr. No.	Description	Qty.
<b>5mL transport vial</b>			
3205R	3205	Natural tube with white cap, nonsterile	250/bg, 4 bg/cs
<b>10mL transport vials</b>			
3210B	3210B	Natural tube with blue cap, nonsterile	250/bg, 4 bg/cs
3210R	3210	Natural tube with white cap, nonsterile	250/bg, 4 bg/cs
3211R	3211	Natural tube with white cap, sterile	25/bg, 20 bg/cs



### Test Tube Dispensers

CARDINAL HEALTH - Two sizes of dispensers are available. One holds a box of 12 x 75mm test tubes and the other holds 16 x 150mm test tubes. To load the dispenser, remove the cellophane wrapper from around the box, slide the box into the dispenser and set the dispenser upright. A clear acrylic front panel allows the contents to be viewed. A notched opening makes it easy to shake glass fragments from the dispenser while the tubes are in place.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-37	12 x 75mm test tubes	11 x 3½ x 8 in.	1/ea
S1389-38	16 x 150mm test tubes	15 x 6½ x 9 in.	1/ea



### Bubble Pouch

COM-PAC - This convenient padded pouch is designed to protect vials and tubes from breakage. Each of its six compartments will hold a single tube. Perforated compartments can be torn apart into six single 2 in. pouches.

Cat. No.	Mfr. No.	Description	Qty.
M1050-15	BLP-1000	Bubble pouch	25/cs



### Micro Test Tube Brush

JUSTMAN - This brush has soft white nylon bristles with a fan-style tip twisted onto a No. 20 galvanized wire. The brush portion is 3 in.-long (7.6cm); largest diameter is ½ in. (12.7mm). Total length is 7 in. (18.0cm).

Cat. No.	Mfr. No.	Description	Qty.
B8725	1701	Micro test tube brush	12/pk

# Timers

## Clocks

### Traceable® Analog Radio Atomic Wall Clock

**CARDINAL HEALTH** - Our analog wall clock is accurate to  $\frac{1}{10,000}$  of a second and automatically sets itself. It receives a controlling radio signal directly from N.I.S.T.'s atomic clock in Boulder, Colorado, to adjust clock for daylight saving time and leap seconds. The bright second sweep hand is highly visible. It is supplied with wall mount, screw and AA battery. A certificate is provided to indicate instrument traceability to standards provided by N.I.S.T. Calibrated by an ISO 17025 calibration laboratory accredited by A2LA.



Cat. No.	Description	Qty.
C6511-9	Traceable® analog radio atomic wall clock	1/ea

### Traceable® Clock/Thermometer/Calendar

**CARDINAL HEALTH** - Our combination clock/thermometer/calendar integrates a clock function, room temperature monitor and perpetual calendar all in one. Featuring easy-to-read  $2\frac{1}{8}$  in. LCD digits, the unit displays time in 12-hour a.m./p.m. or 24-hour military time. It reports temperature in Celsius or Fahrenheit and shows the month, date and day of the week. Accuracy is 0.01%. Includes two AA batteries and wall mount. To assure accuracy, an individually serial-numbered Traceable® certificate is provided from an ISO 17025 calibration laboratory accredited by A2LA. It indicates traceability to standards provided by N.I.S.T. Dimensions:  $9\frac{1}{4} \times 10 \times 1$  in. Weight: 19 oz.



Cat. No.	Description	Qty.
C6511-5A	Traceable® clock/thermometer/calendar	1/ea

### Traceable® Digital Radio Atomic Wall Clock

**CARDINAL HEALTH** - Our digital wall clock displays a.m./p.m. or 24-hour time. It also displays month, date, day of the week and ambient temperature in °F and °C. It is visible from 20 ft. away and has  $2\frac{1}{2}$  in.-high digits. It adjusts to daylight saving time; a radio signal from N.I.S.T. in Colorado automatically adjusts the clock to precise time, daylight saving time, leap year and leap seconds (earth rotation wobble corrections). It comes with wall mount, screw and two AA batteries. A certificate is provided to indicate instrument traceability to standards provided by N.I.S.T. Calibrated by an ISO 17025 calibration laboratory accredited by A2LA.



Cat. No.	Description	Qty.
C6511-8	Traceable® digital radio atomic wall clock	1/ea

Traceable® is a registered trademark of Control 3, Inc.

### Traceable® Radio-Controlled Atomic Clock

**CARDINAL HEALTH** - Our atomic clock is ideal for recording the receiving of samples, noting the exact time an event occurred, providing supporting documentation for procedures, serving as a standard for a location's other clocks and maintaining ISO 9000 certification. It receives a direct signal from the N.I.S.T. atomic clock (accurate to one hundred billionth of a second) in Boulder, Colorado and automatically adjusts for a.m./p.m., 24-hour time, day/date, daylight saving time, leap year and leap seconds. It also displays the temperature and operates on one AA battery (included). Clock is backlit to permit viewing in total darkness and its alarm increases in volume until turned off. LCD digits are  $\frac{1}{2}$  in.-high. To assure accuracy, an individually serial-numbered Traceable® certificate is provided from an ISO 17025 calibration laboratory accredited by A2LA. It indicates traceability to N.I.S.T. standards.



Cat. No.	Description	Qty.
C6511-17	Traceable® radio-controlled atomic clock	1/ea

### Traceable® Clock/Thermometer/Humidity

**CARDINAL HEALTH** - At a glance, tell time, temperature and humidity in the lab. Clock with quartz-crystal timing displays 0.01% accuracy, temperatures from  $-20^{\circ}$  to  $55^{\circ}\text{C}$  and  $10^{\circ}$  to  $130^{\circ}\text{F}$ , accuracy is  $\pm 1.5^{\circ}\text{C}$ . Humidity range is 0 to 100% with  $\pm 5\%$  accuracy. Bright red, sweeping second hand provides superior visibility. To assure accuracy, an individually serial-numbered Traceable® certificate is provided from our ISO 17025 calibration laboratory accredited by A2LA. It indicates traceability, for time only, to standards provided by N.I.S.T. AA battery and wall-mount screw included. Diameter is  $12\frac{1}{2}$  in. Weight is 1 lb.



Cat. No.	Description	Qty.
C6511-16	Traceable® clock/thermometer/humidity	1/ea

### Traceable® Indoor/Outdoor Clock

**CARDINAL HEALTH** - Our clock tells the time-of-day to the second and shows temperature from  $-4^{\circ}$  to  $104^{\circ}\text{F}$  ( $-20^{\circ}$  to  $40^{\circ}\text{C}$ ). Its O-ring sealed, water- and dust-resistant ABS impact-resistant case makes it ideal for washdown areas, outdoors and other dirty environments. The bright blue, sweeping second hand with 0.01% quartz-crystal accuracy and modern style clock hands may be read at 15 ft. AA battery, wall-mount and screw are included. A certificate is provided to indicate instrument traceability to standards provided by N.I.S.T. Calibrated by an ISO 17025 calibration laboratory accredited by A2LA.



Cat. No.	Description	Qty.
C6511-6	Traceable® indoor/outdoor clock	1/ea

**Traceable® Wall Clock**

**CARDINAL HEALTH** - Tell time up to the second with our 12 in.-diameter wall clock. The serial-numbered clock is individually-calibrated against N.I.S.T. traceable equipment and an ISO 17025 individual Traceable® certificate is provided.



Cat. No.	Description	Qty.
C6511-4	Traceable® wall clock	1/ea

**Traceable® Wall Clock/  
Thermometer/Humidity**

**CARDINAL HEALTH** - Our ultra-modern, state-of-the-art wall clock shows crisp, readable dials with a low-profile case. Easily view the time, temperature and humidity from 20 ft. away. The triple display shows precise quartz-crystal timing with 0.01% accuracy, temperatures from -34° to 116°F and -37° to 47°C with ±1.5°C accuracy and relative humidity from 8 to 92% with ±5% accuracy.



A bright orange sweeping second hand provides visibility. To ensure accuracy, an individually-serial-numbered Traceable® certificate is provided from our ISO 17025 calibration laboratory accredited by A2LA. It indicates traceability, for time only, to standards provided by N.I.S.T. A low-profile, slim design, ABS plastic, impact-resistant case measures 12½ x 11 x 1 in. and weighs 1½ lbs. Clock dial diameter measures 9 in. and temperature and humidity dial diameters measure 3 in. AA battery, wall-mount and screw are included.

Cat. No.	Description	Qty.
C6511-7	Traceable® clock/thermometer/humidity	1/ea

Traceable® is a registered trademark of Control 3, Inc.

**Outlet Controller Strips**

**CARDINAL HEALTH** - Our outlet strips combine eight outlets and a controller in a single package. Four outlets are time controlled and four are manually controlled. Both styles include a lighted on/off switch, a push-to-reset circuit breaker, rugged plastic case and 4 ft. cord with a three-prong grounded plug. These controllers can turn on chemical, water or air pumps as part of a sampling process, warm up instruments at preset times and automate testing, heating or feeding of animals.



Outlet strip C6509-1 is a 24-hour electromechanical controller featuring an index pin that is raised or lowered to set trip times at any 15 minute increment. Program repeats itself every day.

Outlet strip C6509-2 is a 7-day electronic digital unit that may be programmed to turn on or off at any minute during a week-long period. Up to 84 on/off switchings with up to 12 different switchings per day are provided with an accuracy of 0.01 second. Intervals can be set for 1 minute to 168 hours. A repeat mode allows programming the same cycle for any interval you choose. A manual override permits equipment to be switched on and off without disturbing the program. A memory chip and display are powered by a NiCad battery for program backup in the event of a power failure. LCD shows time-of-day, day of the week and on/off status of the program. Strip C6509-2 is supplied with an ISO 17025 individually-serial-numbered Traceable® certificate to indicate instrument traceability to standards provided by N.I.S.T.

Dimensions: 8½ x 3 x 1½ in. Wt. 1 lb. Rated switching capacity is 120VAC, 60 Hz, 15A, 1800W. UL listed.

Cat. No.	Description	Qty.
C6509-1	24-hour outlet controller strip	1/ea
C6509-2	Traceable® 7-day outlet controller strip	1/ea

## If you don't see what you are looking for ... contact us.

If you don't see the product you are looking for, just pick up the phone and ask your sales or customer service representative to assist you. Visit our website at [cardinalhealth.com](http://cardinalhealth.com) for more information.

**Customer Service: 800.964.5227**

# Timers

## Controllers

### Traceable® Count-Up Controllers

**CARDINAL HEALTH** - Our Traceable® controllers perform reproducible stirring, heating or pumping times and are used for timed shutdown or repeated on/off timing. They have a manual pause switch that overrides the program and permits equipment to be switched off instantly. Intuitive operation provides quick, easy programming and automatic operation allows you to walk away from the equipment.

LCD has  $\frac{1}{2}$  in. digits for easy readability, even at a distance. Choose from two models. Turn-off controller C6509-3 counts up and turns any piece of equipment off at the end of a set time period. Programmable in three interval settings: 0.01 second to 99.99 seconds, 1 minute to 99 minutes and 1 hour to 99 hours.

Repeat turn-on/turn-off controller C6509-4 counts up and turns any piece of equipment on for a programmed time and off for a different programmed time. Repeat feature automatically continues cycling on and off programmed times until manually stopped. Programmable for separate on and off timing periods in three interval settings: 1 second to 99 seconds, 1 minute to 99 minutes and 1 hour to 99 hours.

Both controllers include a NiCad battery to maintain programs in the event of a power outage, a serial-numbered certificate from an ISO 17025 calibration laboratory indicating traceability to N.I.S.T. standards and a high-impact ABS plastic case.



C6509-3



C6509-4

Cat. No.	Description	Qty.
C6509-3	Turn-off controller	1/ea
C6509-4	Repeat turn-on/turn-off controller	1/ea

### Traceable® Digital Time-Switch Controller

**CARDINAL HEALTH** - You can program this controller to turn equipment on and off at any minute of the day. The time switch will turn equipment on and off in intervals as short as 1 minute or as long as 168 hours. A countdown feature turns any piece of equipment on or off at the end of a set time period. It is programmable in 1 minute intervals from 23 hours, 59 minutes, 59 seconds to 1 minute. One AA battery stores on/off times and clock time in memory in case of a power outage.



Brilliant,  $\frac{1}{2}$  in.-high LCD, 100% repeatable and accurate to  $\frac{1}{100}$  of a second. Supplied complete with operating instructions, high reliability certificate and a useful reference guide for keeping hard copy records of timing programs. An ISO 17025 individually-serial-numbered Traceable® certificate is supplied to indicate instrument traceability to standards provided by N.I.S.T.

Cat. No.	Description	Qty.
C6510-8	Traceable® digital time-switch controller	1/ea

Traceable® is a registered trademark of Control 3, Inc.

### Traceable® Lab Controller

**CARDINAL HEALTH** - Our multifunction quartz crystal instrument operates as an equipment controller, alarm timer, metric converter, calculator and clock. Equipment controller turns equipment on or off 224 times per day or 1,568 times per week. Use it to operate apparatus to 1875W, 15A with a three-prong grounded plug. Control of equipment is based on time-of-day or on two unique time intervals from 1 second to 100 hours. Repeat mode continuously cycles equipment on/off at two unique time intervals. Three-channel alarm timer programs channels to count down from 100 hours to 1 second or to count up.



Alarm is silenced automatically or sounds continuously until shut off. The controller converts weights, liquid measures and temperatures from metric to U.S. and vice versa. Calculator adds, subtracts, multiplies and divides and has memory, floating decimal and six-digit display. Clock with a.m./p.m. indicator displays time-of-day to the second in  $\frac{1}{2}$  in. LED digits. An ISO 17025 individually-serial-numbered Traceable® certificate is supplied to indicate instrument traceability to standards provided by N.I.S.T. Operates on 120V, 60 Hz. With ABS plastic case.

Cat. No.	Description	Qty.
C6510-3	Traceable® lab controller	1/ea

### Traceable® Single-Outlet Controller

**CARDINAL HEALTH** - Our Traceable® outlet controller can be set with up to 196 on/off switchings per week and up to 14 different switchings per day with an accuracy of 0.01%. Intervals can be set for 1 minute to 168 hours. You can turn an instrument on one day and off a week later. The repeat mode allows you to program the same cycle each day for 365 days, scheduling a weekly program cycle for 52 weeks, jumping weekends or skipping any selected days. Controller also has a countdown feature that turns any piece of equipment on or off at the end of a set time period. It is programmable in 1 minute intervals from 23 hours, 59 minutes, 59 seconds to 1 minute. A manual override permits equipment to be switched on and off without disturbing the program. A memory chip and display are powered by NiCad battery for program backup in the event of a power failure. LCD shows time-of-day, a.m./p.m. and day of the week and a red LED shows on/off status of the attached equipment.



An ISO 17025 individually-serial-numbered Traceable® certificate is supplied to indicate instrument traceability to standards provided by N.I.S.T. Dimensions: 2 x 4 x 3 in. Wt. 6 oz. Operates on 125VAC, 50/60 Hz, 15A, 1500W. UL approved.

Cat. No.	Description	Qty.
C6511-3	Traceable® single-outlet controller	1/ea

**Compact Timer**

**CARDINAL HEALTH** - Our ruggedly built, mechanical compact timer can be set from 1 to 120 minutes and features a loud 5-second ring that reminds you of elapsed time for all lab tests. Its high-impact ABS plastic construction makes it virtually indestructible and resistant to lab chemicals. Dial is graduated with oversized markings for easy reading. Selecting the time automatically winds the timer and the pointer always displays time remaining. The timer may be viewed from above, or it can be positioned to stand upright on a lab bench. Has a powerful spring that ensures 99% accuracy. Measures 2 3/4 x 2 3/4 x 2 in. and weighs 3 1/2 oz.



Cat. No.	Description	Qty.
C6511-10A	Compact timer	1/ea

**Eight-Channel Alarm Timer**

**CARDINAL HEALTH** - Our eight-channel alarm timer features three countdown channels with memory (memory allows automatic return to the previously programmed time at the press of a button), countdown/countup channel, stopwatch channel, two repeat channels that automatically sound alarm repeatedly at any programmed time interval and a clock channel that displays time-of-day in a.m./p.m. or 24-hour time. Timer may be set in hours/minutes/seconds to 99 hours, 59 minutes, 59 seconds.



Each channel has a distinct tone and light alarm that will sound continuously until turned off or can be set to turn off automatically in 7 seconds or 1 minute. Adjustable alarm volume control may be set from "whisper" quiet at the lab bench to a very loud volume for noisy areas. With ABS plastic case. Large 1/2 in. LED is powered by line current. Operates on 120V, 60 Hz.

Cat. No.	Description	Qty.
C6510-2	Eight-channel alarm timer	1/ea

**Original® Traceable® Lab Timer**

**CARDINAL HEALTH** - Use our lightweight, portable timer to program three different activities from 1 second to 9 hours 59 minutes 59 seconds. Each channel has a distinct electronic alarm and display indicator. The alarm turns off manually or is silenced automatically after 1 minute. Large 1/4 in.-high LCD digits are easy to read. Accuracy is 0.001%. Timer includes a Traceable® certificate (issued by an A2LA-accredited, ISO 17025-certified lab), which documents traceability to N.I.S.T. standards. Includes two AA alkaline batteries. Dimensions: 3 x 3 x 1 1/8 in. Wt. 4 oz.



*Original® is a registered trademark of Control 3, Inc.*

Cat. No.	Description	Qty.
C6510-27	Original® Traceable® lab timer	1/ea

*Traceable® is a registered trademark of Control 3, Inc.*

**Quick-Timer™ and SX-Timer™ Pocket Timers**

**CARDINAL HEALTH** - Our pocket timers are adjustable from 0 to 60 minutes in 1 minute increments. Turning the pointer to the desired countdown setting automatically winds the timers. The indicating pointer shows exact time remaining. The timers have a loud 5-second bell that rings at zero. They are easy to read, easy to carry and use and have no buttons, batteries or confusing settings. Timers have chemical-resistant ABS plastic cases that are 1 in.-thick and are supplied with a lanyard and keychain.

Quick-Timer™ pocket timer C6510-35 is blue and white with a magnet on the back and measures 2 1/2 in. in diameter. Wt. 3 oz.

SX-Timer™ pocket timer C6510-36 is translucent blue and white and measures 2 1/4 in. in diameter. Wt. 2 1/4 oz.

*Quick-Timer™ and SX-Timer™ are trademarks of Control 3, Inc.*

Cat. No.	Description	Qty.
C6510-35	Quick-Timer™ pocket timer	1/ea
C6510-36	SX-Timer™ pocket timer	1/ea

**Traceable® 99M/59S Timer**

**CARDINAL HEALTH** - Select our easy-to-use timer for all of your repetitive testing needs. It counts down from 99 minutes 59 seconds in second increments and has an automatic memory that resets the display to the last programmed time. Alarm sounds for 30 seconds. Timer includes a Traceable® certificate (issued by an A2LA-accredited, ISO 17025-certified lab), which documents traceability to N.I.S.T. standards. AAA battery, magnet, stand and clip are also included. Dimensions: 2 1/2 x 2 1/2 x 1/2 in. Wt. 2 oz.



Cat. No.	Description	Qty.
C6510-23	Traceable® 99M/59S timer	1/ea

# Timers

## Timers and Stopwatches

### Traceable® Advanced Memory™ Timer

**CARDINAL HEALTH** - Our versatile all-around lab timer remembers the last time set, counts down, sounds alarm and counts up with 0.01% accuracy. You can program it to count down from 24 hours to 1 second in 1 second increments. In the stopwatch mode, it times from 1 second to 23 hours 59 minutes 59 seconds. The clock channel features time-of-day to the second with a.m./p.m. indicators.



Timer signals duration of virtually every lab test, including drying, incubating, heating and cooling and memory time—recalling hours, minutes and seconds. Loud beeping alarm can be turned off manually or automatically silenced after 1 minute. Digits are ½ in.-high for viewing as much as 8 ft. away. An ISO 17025 individually-serial-numbered Traceable® certificate is supplied to indicate instrument traceability to standards provided by N.I.S.T. A clip, magnet and flip-open stand are provided for complete flexibility. With 2-year replaceable battery. Handy pocket size. Dimensions (W x D x H): 2.52 x 0.75 x 2.52 in. Wt. 1.5 oz.

*Advanced Memory™ is a trademark of Control 3, Inc.*

Cat. No.	Description	Qty.
C6510-9	Traceable® Advanced Memory™ timer	1/ea

### Traceable® Bench Timer

**CARDINAL HEALTH** - Our bench timer offers precise, high accuracy timing and an eight-digit display, making it ideal for biomedical tests as well as for calibrating other timers. This timer can be set in four timing formats: 99 hours 59 minutes 59 seconds 99 hundredths, 9999.999 seconds, 9999.9999 minutes and 999.99999 hours. High stability and a sealed quartz-crystal module provides precision timing immune to AC line fluctuations and accuracy to 0.001%. In the event of a power failure, a 9V backup battery continues timing until power is restored.



This bench timer features four timing modes: single action, time in/out, cumulative split and interval split. Up to 12 different events may be timed simultaneously. An audible alarm can be set to signal on each channel. 99% pure silver contacts provide a switch life expectancy of about 30 years. The bench timer is housed in a high-impact ABS plastic case designed for hard laboratory use and supplied with a 9V battery. For use with 115VAC. The timer is supplied with an ISO 17025 serial-numbered certificate to indicate traceability to standards provided by N.I.S.T. 1-year warranty. Dimensions: 6 ½ x 4 ¾ x 3 ½ in. Wt. 1 lb.

Cat. No.	Description	Qty.
C6543	Traceable® bench timer	1/ea

*Traceable® is a registered trademark of Control 3, Inc.*

### Traceable® Digital Benchtop Timer

**CARDINAL HEALTH** - Our Traceable® bench timer offers precise timing from 0.01 second to 9 hours 59 minutes 59.99 seconds. The timer can be switched from cumulative to interval split and allows an infinite number of time outs. Three 4mm sockets (and supplied test leads) allow external triggering of the Start/Stop and Split/Lap/Reset functions. The ¾ in.-high digital display is readable from 10 ft. Precise Traceable® timing is perfect for enzyme tests, viscosity measurements, animal studies and any timed lab tests.



Quartz-crystal timing ensures a resolution of 0.01 second and an accuracy of 0.001%. Battery included provides continuous timing for 2 years. An individually ISO 17025 serial-numbered Traceable® certificate is supplied to indicate instrument traceability to standards provided by N.I.S.T. Designed to fulfill ISO 9000 standards, lab certification requirements and government demands. Dimensions: 4 x 4 ½ x 1 ¾ in. Wt. 7 oz.

Cat. No.	Description	Qty.
C6543-1	Traceable® digital benchtop timer	1/ea

### Traceable® Big Digit Timer/Stopwatch

**CARDINAL HEALTH** - Our Traceable® big digit timer/stopwatch has four channels, each of which may be used simultaneously as countdown stopwatches or in any combination of countdown/countdown. You can program it to count down from 99 hours, 59 minutes, 59 seconds in 1 second increments. Unit also displays time-of-day and has a memory. Extra-loud alarm sounds for 1 minute or can be silenced manually. Includes magnetic back, flip-open easel for standing on the lab bench, spring fastener for clipping to a notebook and a hole for use with a lanyard. Fits in the palm of your hand and has a ¾ in.-high readable display from across the lab. An ISO 17025 individually-serial-numbered Traceable® certificate is supplied to indicate instrument traceability to standards provided by N.I.S.T. Comes with 2-year silver oxide battery. Dimensions (W x D x H): 2.87 x 0.93 x 2.6 in. Wt. 2 oz.



Cat. No.	Description	Qty.
C6510-7	Traceable® big digit timer/stopwatch	1/ea

## Timers and Stopwatches

**Traceable® Big-Foot Timer**

**CARDINAL HEALTH** - Our big-foot timer allows simultaneous programming of three different activities from 99 hours, 59 minutes, 59 seconds to 1 second on the portable countdown alarm timer. Each of the three channels has a distinct electronic alarm and display indicator when zero is reached. The alarm may be turned off or silenced automatically after 1 minute. Any channel may also be used as a stopwatch for timing up. A second, super-jumbo display shows time-of-day. The timer has 1 in.-high LCD digits that may be read from 30 ft. away. Use it flat with the stand in the sit up position or wall-mount with the slots supplied. Includes AAA battery for 2 years of normal usage. A certificate is provided to indicate instrument traceability to standards provided by the N.I.S.T. Calibrated by an ISO 17025 calibration laboratory accredited by A2LA.



Cat. No.	Description	Qty.
C6511-13	Traceable® big-foot timer	1/ea

**Traceable® Clip-It Timer™ Timer**

**CARDINAL HEALTH** - Our Clip-It Timer™ timer has a large, six-digit LCD that shows time remaining in hours, minutes and seconds. You can program it in the countdown mode from 100 hours to 1 second. When zero is reached, an alarm sounds for 60 seconds or can be silenced manually. In the stopwatch mode, it times from 1 second to 99 hours, then repeats itself.



The timer has a rugged ABS case, quartz crystal 0.005% accuracy, magnet for placing on metal and a 1½-year, continuous-use, replaceable silver oxide battery. The timer is supplied with a serial-numbered certificate to indicate traceability to standards provided by N.I.S.T. Size is 1½ x 2 in. Wt. ½ oz. Clips to your lab coat, notebook or clipboard.

*Clip-It Timer™ is a trademark of Control Company.*

Cat. No.	Description	Qty.
C6515-7	Traceable® Clip-It Timer™ timer	1/ea

**Traceable® Credit Card Timer**

**CARDINAL HEALTH** - Our credit card timer fits in your pocket. It counts down from 99 minutes, 59 seconds with a 1 second resolution. An alarm sounds for 1 minute when zero is reached. It features a memory to automatically recall the last set time, timeouts and a count-up stopwatch. It is supplied with a 2-year replaceable silver oxide battery, magnet and VELCRO® to stick anywhere. A certificate is provided to indicate instrument traceability to standards provided by N.I.S.T. Calibrated by an ISO 17025 calibration laboratory accredited by A2LA. Dimensions: 3¾ x 2½ x ¾ in. Weight: 0.7 oz.

*VELCRO® is a registered trademark of Velcro Industries B.V.*



Cat. No.	Description	Qty.
C6511-14	Traceable® credit card timer	1/ea

*Traceable® is a registered trademark of Control 3, Inc.*

To order, call: 800.964.5227

[cardinalhealth.com](http://cardinalhealth.com)

**Traceable® Double Display Timer**

**CARDINAL HEALTH** - Our timer allows simultaneous programming of two different activities from 20 hours to 1 second. Each channel has a distinct alarm and display indicator when zero is reached. The alarm may be turned off or silenced automatically after 1 minute. For repetitive timing, a memory recalls a set time. A second display mode shows the time-of-day and a stopwatch for count-up timing. The timer automatically counts up from zero to indicate time since alarming. Large ½ in.-high digits may be read from 10 ft. away. Use it flat or in the flip-open stand position with the clip and magnet. Includes AAA battery, providing 2 years of normal usage. A certificate is provided to indicate instrument traceability to standards provided by the N.I.S.T. Calibrated by an ISO 17025 calibration laboratory accredited by A2LA.



Cat. No.	Description	Qty.
C6510-31	Traceable® double display timer	1/ea

**Traceable® Extra-Loud Timer**

**CARDINAL HEALTH** - Our 100-decibel alarm timer has countdown, stopwatch and time-out features and a time-of-day clock. It is ideal for high-sound zones indoors or outdoors. Its display measures ¾ in.-high and any time from 99 hours, 59 minutes, 59 seconds to 1 second can be set. When zero is reached, the timer starts counting up to show time elapsed since alarming. A micro computer chip allows for the setting of two separate channels. Both channels may be used simultaneously as countdown, count up (stopwatch) or in any combination of countup/countdown. Quartz-crystal display accuracy is 0.01%. Timer has a magnetic back, allowing it to be placed on any magnetic surface and it has a flip-open easel for standing. Supplied with two AAA 2-year batteries and one silver oxide battery. Timer measures 4 x 2½ x ½ in. and weighs 5 oz. An individually-serial-numbered Traceable® certificate is provided from an ISO 17025 calibration laboratory accredited by A2LA. It indicates traceability to standards provided by N.I.S.T.



Cat. No.	Description	Qty.
C6511-11	Traceable® extra-loud timer	1/ea

**Traceable® Fingertip Countdown Timer**

**CARDINAL HEALTH** - Everyone in your lab will enjoy using our Traceable® fingertip timer. Repeat memory function for repetitive tests. It counts down from 99 minutes, 59 seconds in 1 second increments. Memory retains last programmed time automatically and eliminates the need to re-enter repetitive test times. Alarm can be silenced manually or turns off automatically after 30 seconds. The handy-sized timer (1¾ x 3½ x ½ in.) weighs only 1.2 oz. Supplied with a 2-year silver oxide battery, magnet, hook-and-loop fastener and an ISO 17025 individually-serial-numbered Traceable® certificate to indicate instrument traceability to standards provided by N.I.S.T.



Cat. No.	Description	Qty.
C6510-6	Traceable® fingertip countdown timer	1/ea

# Timers

## Timers and Stopwatches

### Traceable® Jumbo-Digit Timer

**CARDINAL HEALTH** - Our Traceable® jumbo-digit timers offer precise timing with resolution of 1 second and accuracy of 0.01%. These portable countdown alarm timers can be set for 1 second to 24 hours. Allows simultaneous programming of two different activities. Each channel has a distinct electronic alarm and display indicator that activates when the timer reaches zero. The alarm can be turned off, or it is automatically silenced after 1 minute. There is also a time-of-day and stopwatch dual display. Or you can use the memory function to recall last countdown times for repetitive tests. The digits are 1 in.-high and readable from 20 ft. The timers may be used flat, in the sit-up position or may be wall-mounted with a supplied bracket. AAA battery included. An ISO 17025 individually-serial-numbered Traceable® certificate is supplied to indicate instrument traceability to standards provided by N.I.S.T. Dimensions: 3 $\frac{3}{4}$  x 5 $\frac{1}{2}$  x 1 $\frac{1}{2}$  in. Wt. 5 oz.



### Cat. No. Description Qty.

C6511-1	Black	1/ea
C6511-2	White	1/ea

### Traceable® Digital Timer Plus

**CARDINAL HEALTH** - This economical timer clips to your lab coat, belt, notebook, clipboard—anywhere. Program it in countdown mode, in 1-second increments, from 100 hours to 1 second. At zero, a loud-beeping alarm sounds for 60 seconds or may be silenced manually. In stopwatch mode, it times from 1 second to 99 hours and repeats. Accuracy is 0.005% quartz crystal and includes a time-out feature in both up and down counting.



The timer notifies you when to read a color change, remove a sample from an oven or attend a meeting. The large digit, 1/3 in.-high display is easy to read. Five-button operation is quick and intuitive. Stopwatch operation takes just the press of a single button.

To ensure accuracy, an individually-serial-numbered Traceable® certificate is provided from an ISO 17025 calibration laboratory accredited by A2LA. It indicates traceability to standards provided by N.I.S.T. Timer has a rugged, chemical-resistant, ABS plastic case, keychain, lanyard, magnet for placing on metal and a 1½-year, continuous-use, replaceable silver-oxide battery. Dimensions are 2 x 1½ x ¾ in. Weighs ½ oz.

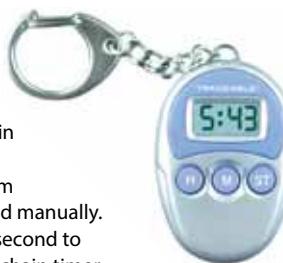
### Cat. No. Description Qty.

C6515-6	Traceable® digital timer plus (patented)	1/ea
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Traceable® is a registered trademark of Control 3, Inc.

### Traceable® Key-Chain Timer

**CARDINAL HEALTH** - Our portable key-chain timer has a large, four-digit LCD that shows time remaining in hours and minutes. You can program it in the countdown mode from 20 hours to 1 minute. When zero is reached, an alarm sounds for 60 seconds or can be silenced manually. In the stopwatch mode it times from 1 second to 20 minutes, then repeats itself. The key-chain timer has a rugged ABS case, quartz crystal 0.01% accuracy and a 1½-year, continuous-use replaceable silver oxide battery. The timer includes a Traceable® certificate (issued by an A2LA-accredited, ISO 17025-certified lab), which documents traceability to N.I.S.T. standards. Size is 1½ x 2 x ¾ in. Wt. ¾ oz.

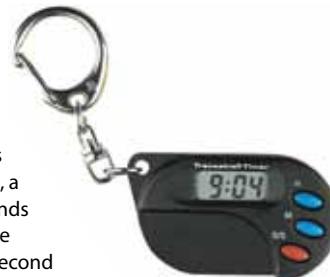


### Cat. No. Description Qty.

C6515-4	Traceable® key-chain timer	1/ea
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### Traceable® Pocket Timer

**CARDINAL HEALTH** - Our pocket timer has a four-digit LCD display that always shows the time remaining in hours and minutes. Program it in 1-minute increments from 20 hours to 1 minute. At zero, a beeping alarm sounds for 60 seconds or may be silenced manually. In the stopwatch mode, it times from 1 second to 20 minutes and then rolls over. It also has a time-out feature in both up and down counting. Digits are ½ in.-high for ease in viewing. The timer includes a rugged chemical-resistant ABS case, keychain and 1½-year continuous-use replaceable silver oxide battery. A certificate is provided to indicate instrument traceability to standards provided by the N.I.S.T. Calibrated by an ISO 17025 calibration laboratory accredited by A2LA.



### Cat. No. Description Qty.

C6510-30	Traceable® pocket timer	1/ea
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### Traceable® Lab-Top Timer

**CARDINAL HEALTH** - Our lab-top timer counts down from 24 hours to 1 second, in second increments, with an accuracy of 0.01%. Its memory chip allows programming an "instant replay" repeat time, which appears on the display at the touch of a key. Memory time is locked in until changed. An LCD screen is designed for viewing at any angle. Timer also features a stopwatch mode and time-of-day clock. Timer is supplied with AA battery and includes a Traceable® certificate (issued by an A2LA-accredited, ISO 17025-certified lab), which documents traceability to N.I.S.T. standards. Dimensions: 3 $\frac{1}{4}$  x 3 $\frac{1}{4}$  x ¾ in. Wt. 4 oz.



### Cat. No. Description Qty.

C6510-25	Traceable® lab-top timer	1/ea
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## Timers and Stopwatches

**Traceable® Memory Alarm Timer**

**CARDINAL HEALTH** - Our Traceable® alarm timer includes a memory that will retain the setting. You can program it to count down from 24 hours to 1 minute in 1-minute increments. Accuracy is 0.01%. Bright  $\frac{1}{2}$  in.-high LCD digits read in hours, minutes and seconds (seconds displayed during the last 10 minutes). Loud, beeping alarm can be turned off manually or is silenced automatically after 1 minute. Three-button operation makes it simple to use. Pocket-size unit has a clip, magnet and stand for flexibility. Supplied with a 2-year, replaceable silver oxide battery. An ISO 17025 individually-serial-numbered Traceable® certificate is supplied to indicate instrument traceability to standards provided by N.I.S.T. Dimensions (W x D x H): 2.35 x 0.85 x 2.6 in. Wt. 1 oz.



Cat. No.	Description	Qty.
C6510-10	Traceable® memory alarm timer	1/ea

**Traceable® Mini-Alarm Timer/Stopwatch**

**CARDINAL HEALTH** - Our Traceable® mini-alarm timer/stopwatch has an extra-large, four-digit LCD that can be read from 8 ft. away. You can program it in the countdown mode from 99 minutes, 99 seconds to zero in any second increment. In the stopwatch mode, the unit will count up to 59 minutes, 59 seconds and automatically roll over to zero and continue timing. The high-decibel alarm can be turned off manually or is automatically silenced after 1 minute. Individually-numbered keys make it easy for you to set the timer.



Cat. No.	Description	Qty.
C6510-12	Traceable® mini-alarm timer/stopwatch	1/ea

**Traceable® Quality Control Timer**

**CARDINAL HEALTH** - Our countdown and alarm timer combines three-button operation with large-size digits for easy viewing. Times may be set up to 20 hours in any minute increment. At zero, a 1-minute alarm sounds. Timer includes a Traceable® certificate (issued by an A2LA-accredited, ISO 17025-certified lab), which documents traceability to N.I.S.T. standards. Dimensions:  $3\frac{1}{2}$  x 2 x  $\frac{1}{2}$  in. Wt. 2 oz.



Cat. No.	Description	Qty.
C6510-21	Traceable® quality control timer	1/ea

Traceable® is a registered trademark of Control 3, Inc.

**Traceable® Six-Channel 100-Hour Timer**

**CARDINAL HEALTH** - This six-channel timer can time up or down to 99 hours, 59 minutes, 59 seconds with 0.01% accuracy, act as a stopwatch and give accurate time-of-day. A large LCD continuously shows time remaining. An alarm can be turned off manually or automatically silences after 1 minute and a "time is up" message flashes on the display. A magnetic back allows you to place the timer on lab equipment, or you can use the flip-open stand, spring fastener or lanyard hole. The timer is supplied with an ISO 17025 serial-numbered certificate to indicate traceability to standards provided by N.I.S.T. One-year warranty. Dimensions:  $2\frac{3}{4}$  x  $2\frac{1}{8}$  x  $\frac{5}{8}$  in. Wt. 1.5 oz.



Cat. No.	Description	Qty.
C6510-4	Traceable® six-channel 100-hour timer	1/ea

**Traceable® Talking Timer**

**CARDINAL HEALTH** - Our innovative timer counts down, talks, times up and tells time-of-day with Traceable® precision. During countdown, voice reporting frequency is every hour until 1 hour is reached, every 10 minutes until 10 minutes is reached, every minute until 1 minute is reached, every 10 seconds until 10 seconds remain, then every second. Also announces elapsed time since alarming. Counts both up (stopwatch) and down from 23 hours, 59 minutes, 59 seconds. Resolution is 1 second. Quartz-crystal accuracy is 0.01%. To assure accuracy, an individually-serial-numbered Traceable® certificate is provided from our ISO 17025 calibration laboratory accredited by A2LA. It indicates traceability to standards provided by N.I.S.T.



Unique thru-zero feature allows counting down, alarming and counting up. A time-out mode stops the timer for off periods in both up and down timing. Provides repeat functions of countdown alarm timing. Set it to count down for any time. When zero is reached, the timer alarms and begins to count down again from the programmed time. Repeat cycle continues automatically until stopped. Extra-large  $\frac{1}{2}$  in.-high display and vivid LCD digits continuously show the time remaining and are readable from 10 ft. In the clock mode it announces time-of-day. Magnetic back allows placement on lab refrigerators or incubators. Flip-open easel permits standing on the lab bench and a spring fastener allows clipping to a clipboard. Supplied with 2-year batteries. Measures  $2\frac{1}{2}$  x  $3\frac{3}{4}$  x  $\frac{1}{2}$  in. Weight is  $2\frac{1}{4}$  oz.

Cat. No.	Description	Qty.
C6511-15	Traceable® talking timer	1/ea

To order, call: 800.964.5227

[cardinalhealth.com](http://cardinalhealth.com)

 CardinalHealth

# Timers

## Timers and Stopwatches

### Traceable® Tie Timer™ Timer

**CARDINAL HEALTH** - Our Tie Timer™ timer is always conveniently on hand when you wear it around your neck with a 36 in. lanyard. The 0.45 in.-high digits are easy to read, even with your glasses off. Use it to count down and sound an alarm from 23 hours, 59 minutes, 59 seconds to 1 second. A single touch of the memory key lets you instantly replay the previous timing for repetitive testing. The memory does not change until you reprogram the timer, which will save you the trouble of constantly resetting the countdown time.

The unit also has a stopwatch feature and a time-of-day display. An ISO 17025 individually-serial-numbered Traceable® certificate is supplied to indicate instrument traceability to standards provided by N.I.S.T. One-year battery included. Size: 1 $\frac{1}{8}$  dia. x 2 $\frac{1}{8}$  in. L.

*Tie Timer™ is a trademark of Control Company.*



### Traceable® Three-Channel Alarm Timer

**CARDINAL HEALTH** - Our three-channel timer displays three different times simultaneously, counts down and sounds an alarm. It's also a stopwatch and a time-of-day clock.

Three different tests may be run at the same time using the three-line display. Channels can be started individually or simultaneously. Program each channel from 1 second to 99 hours 59 minutes 59 seconds. When zero is reached, an alarm sounds, a "Time's Up" message flashes on the display and timer begins counting up.

Adjustable alarm volume allows setting the timer to high decibel for noisy areas or low for quiet environments. Alarm can be set to silence automatically after 1 minute or to sound continuously until turned off. Memories return the display to the previously programmed time at the touch of a button. Rubber feet make it ideal for benchtop use. Battery provides 1 year of continuous running with nominal use. Supplied with an ISO 17025 individual N.I.S.T. Traceable® certificate to provide the accurate timing assurance demanded by government regulations and ISO 9000 requirements. AAA alkaline battery included. Case is chemical-resistant ABS plastic. Dimensions (W x H x D): 3 $\frac{1}{4}$  x 3 x 1 in. Wt. 3 oz.



Cat. No.	Description	Qty.
C6510-20	Traceable® Tie Timer™ timer	1/ea

*Traceable® is a registered trademark of Control 3, Inc.*

### Traceable® Three-Line

#### Alarm Timer

**CARDINAL HEALTH** - Our three-line timer allows you to start three different timings concurrently or individually to count down from 99 hours, 59 minutes, 59 seconds to 1 second. When the timer reaches zero, it sounds an alarm, displays a "time's up" notice and begins counting up. The unit's memories will return the digits to the previously programmed time, making it ideal for a group of repetitive tests. You can also use the timer as three stopwatches or for any combination of up/down timing.

An ISO 17025 individually-serial-numbered Traceable® certificate is supplied to indicate instrument traceability to standards provided by N.I.S.T. The unit also includes chemical-resistant ABS plastic casing, magnetic back with easel stand ideal for mounting on equipment and silver oxide battery that is good for 2-year use. Dimensions: 3 $\frac{1}{4}$  x 2 $\frac{3}{4}$  x 1 $\frac{1}{2}$  in. Wt. 3 oz.



Cat. No.	Description	Qty.
C6510-26	Traceable® three-line alarm timer	1/ea

### Traceable® Time and Number Printer

**CARDINAL HEALTH** - Our time and number printer allows you to meet CLIA 493.1107 requirements by providing the date and time of specimen receipt in your lab. A security password prevents unauthorized changing of the time or date, which prints to the minute in either a.m./p.m. or 24-hour format. The printer can be set for four- to six-digit count-up or count-down. Designed for use anywhere in the lab, this portable stamper dates documents, time-tracks samples, does consecutive numbering of specimens and is ideal for time management and recording in lab notebooks.



The microprocessor-based printer automatically advances date, time and numbering, eliminating the need to manually change information. The unit can make sequential numbered labels for samples and a freeze function allows printing the same lot or batch number several times. One touch activates the stamp head, while the LCD shows the information to be printed. The counter also contains preset messages as follows: RCVD (received), CFMD (confirmed), REF (reference), FILE, OUT, IN and PAID. Timer has a 1-year warranty and includes a Traceable® certificate (issued by an A2LA-accredited, ISO 17025-certified lab), which documents traceability to N.I.S.T. standards. Dimensions: 4 $\frac{1}{4}$  x 3 x 2 in. Wt. 8 oz.

Cat. No.	Description	Qty.
C6517	Traceable® time and number printer	1/ea

## Timers and Stopwatches

**Traceable® Triple-Display Timer**

**CARDINAL HEALTH** - Our timer displays three test lines of  $\frac{1}{2}$  in. digits that can be read from across your lab. You can set times from 19 hours, 59 minutes, 59 seconds to 1 second. When zero is reached, the timer starts counting up to show the lapsed time since the alarm sounded. Additional features of this timer include stopwatch, time-out and time of day. You can program the timer for three different countdown times that can be started simultaneously or separately.



Repetitive tests can be done easily because the memory returns the display to the previously programmed countdown time at the touch of a button. The high-decibel alarm may be turned off manually or is automatically silenced after 1 minute. A magnetic back allows timer to be placed on incubators, titrators and most lab equipment. The timer comes with a 2-year AAA battery and is supplied with an ISO 17025 serial-numbered certificate to indicate traceability to standards provided by N.I.S.T. Dimensions:  $2\frac{1}{2} \times 3\frac{3}{8} \times \frac{7}{8}$  in. Wt. 3 oz.

Cat. No.	Description	Qty.
C6510-11	Traceable® triple-display timer	1/ea

**Traceable® Triple-Purpose Timer**

**CARDINAL HEALTH** - Choose our triple-purpose timer for its versatility as a countdown timer, stopwatch and time-of-day clock. It features  $\frac{3}{4}$  in.-high digits that you can view from up to 20 ft. away. A loud high-decibel alarm will sound for 1 minute when timing period is over. Excellent for repetitive tests, the unit's memory automatically returns the display to the original time programmed after each run. The timer can count down or up to 9 hours, 59 minutes, 59 seconds. 0.01% timing accuracy. Full keyboard makes time entry especially fast.



An ISO 17025 individually-serial-numbered Traceable® certificate is supplied to indicate instrument traceability to standards provided by N.I.S.T. Also includes a 2-year AAA battery, a magnet on back for convenient mounting to equipment and a stand.

Cat. No.	Description	Qty.
C6510-22	Traceable® triple-purpose timer	1/ea

**Traceable® Two-Memory Timer**

**CARDINAL HEALTH** - Use our timer to perform countless repetitive tests or two tests at once. Its two countdown timing channels may be started simultaneously and set to recall a specific time. As each countdown time expires, an alarm sounds and a visual "Time's Up" message appears. At zero, the display will begin counting up. Timer may be set in hours/minutes/seconds to 23 hours, 59 minutes, 59 seconds. Timer includes a Traceable® certificate (issued by an A2LA-accredited, ISO 17025-certified lab), which documents traceability to N.I.S.T. standards. Magnet, flip-open stand and clip are also included. Dimensions:  $2\frac{3}{4} \times 2\frac{1}{8} \times \frac{7}{8}$  in. Wt. 1.9 oz.



Cat. No.	Description	Qty.
C6510-24	Traceable® two-memory timer	1/ea

Traceable® is a registered trademark of Control 3, Inc.

**Traceable® Visual Alarm Timer**

**CARDINAL HEALTH** - Our visual alarm timer allows you to choose visual or audible alarm options. The N.I.S.T.-certified visual alarm timer lets you choose a bright flashing yellow LED visual alarm or an audible alarm. The timing capacity is 9999m to 1 second. The unit may be set to count down and alarm, or count up and alarm. A "thru-zero" feature counts to the programmed time, alarms and counts up. A memory function recalls the last programmed time. An audible alarm sounds for 1 minute when a programmed time is reached. A visual alarm flashes constantly until manually turned off. A timeout feature allows the timer to be stopped for "off" periods and restarted. The clock mode displays time-of-day to the second, has a time-of-day alarm and sounds an hourly signal.



Cat. No.	Description	Qty.
CC-5133	Traceable® visual alarm timer	1/ea

**Traceable® Water-Resistant Flashing Timer**

**CARDINAL HEALTH** - Our splashproof water-resistant timer is ideal for wet labs, wash-down areas, plants and field use. It times from 99 minutes, 59 seconds to zero with 1-second resolution. When zero is reached, a bright red LED flashes as a visual sign and an audible alarm sounds for 1 minute or when manually turned off. The timer also features infinite timeouts. Accuracy is 0.01%. Supplied with suction cup, lanyard, magnet and VELCRO® strip to affix to surfaces and a 2-year silver oxide battery. Diameter is 3 in. and depth is  $\frac{1}{2}$  in. Weighs  $1\frac{1}{2}$  oz. An individually-serial-numbered Traceable® certificate is provided from an ISO 17025 calibration laboratory accredited by A2LA. It indicates traceability to standards provided by N.I.S.T. VELCRO® is a registered trademark of Velcro Industries B.V.



Cat. No.	Description	Qty.
C6511-12	Traceable® water-resistant flashing timer	1/ea

**Traceable® 10-Hour Digital Stopwatch**

**CARDINAL HEALTH** - Our Traceable® stopwatch provides precise timing for all types of studies and tests. Its functions include single-action, time-out, interval split, cumulative split and continuous roll-over timing. This stopwatch times to 9 hours, 59 minutes, 59 seconds and 99 hundredths. The LCD has  $\frac{1}{2}$  in.-high digits that are easy to read both indoors and outdoors, even in bright sunlight.



The ABS housing and O-ring help seal out moisture, dust and fumes. The stopwatch is supplied with a replaceable, long-life, silver oxide battery. Stopwatch is supplied with a 40 in. lanyard and an ISO 17025 individually-serial-numbered Traceable® certificate to indicate instrument traceability to standards provided by N.I.S.T.

Cat. No.	Description	Qty.
T2939-3	Traceable® 10-hour digital stopwatch	1/ea

# Timers

## Timers and Stopwatches

### Traceable® 60-Memory Multifunction Countdown Stopwatch

**CARDINAL HEALTH** - The three-line display of our stopwatch simultaneously displays running time, cumulative split and interval split. It comes with six separate timing functions, plus memory. 60 memories recall all splits, display sample numbers 1 through 60 and show interval split longest, shortest and average times. Timing allows you to time up to 9 hours 59 minutes, 59 seconds, 99 hundredths. Accuracy is 0.001%. You can obtain single action, time in/out, continuous timing, cumulative timing, interval split and programmable timing functions all from this stopwatch.



The stopwatch provides repeat functions of countdown alarm timing. You can set it to count down at any time from 10 hours to 1 second. When zero is reached, the timer alarms and begins again to count down from the programmed time. This repeat cycle continues automatically until you stop it. Stopwatch comes with a 2-year battery and lanyard. The timer is supplied with an ISO 17025 serial-numbered certificate to indicate traceability to standards provided by N.I.S.T. Dimensions: 2½ x 2½ x ¾ in. Wt. 2 oz.

Cat. No.	Description	Qty.
C6548-11	Traceable® 60-memory multifunction countdown stopwatch	1/ea

### Traceable® 300-Memory Stopwatch

**CARDINAL HEALTH** - Our stopwatch recalls 300 memories and displays sample numbers 1 through 300. It can recall memories both during and after event timing. Three-line display simultaneously shows running time, cumulative-split and interval-split. The interval split also shows longest, shortest and average times. The stopwatch provides repeat functions of countdown alarm timing. Set it to count down at any time from 10 hours to 1 second. When zero is reached, the timer alarms and begins again to count down from the programmed time. This repeat cycle continues automatically until stopped. The stopwatch is ideal for lab and plant use. It is supplied with a detachable clip for clipping on notebooks or clipboards and VELCRO® for vertical mounting. A certificate is provided to indicate instrument traceability to standards provided by N.I.S.T. Calibrated by an ISO 17025 calibration laboratory accredited by A2LA.



VELCRO® is a registered trademark of Velcro Industries B.V.

Cat. No.	Description	Qty.
C6520-3	Traceable® 300-memory stopwatch	1/ea

### Traceable® Countdown Stopwatch

**CARDINAL HEALTH** - This stopwatch provides countdown and alarm timing in preprogrammed increments of 1, 2, 3, 5, 10, 12, 15, 20, 25, 30, 35, 40, 45, 50, 55 and 60 minutes. The display continually shows running time remaining to zero. When zero is reached, the timer sounds an alarm for 5 seconds. Stopwatch mode times to 10 hours with 1/100-second resolution. Accuracy is 0.01%. Stopwatch functions include single-action, time in/out, cumulative/interval-split, eight recallable memories and continuous timing. Manually set it to count down at any time from 99 hours to 1 second. When zero is reached, the timer alarms and begins to count down again from the programmed time. Repeat cycle continues automatically until stopped.



The dual display timer mode can be used in three ways: two simultaneous countdown alarm timers, two individual countdown alarm timers and two independent count-up timers. This unit also has a pacer. To ensure accuracy, an individually-serial-numbered Traceable® certificate is provided from an ISO 17025 calibration laboratory accredited by A2LA. It indicates traceability to standards provided by N.I.S.T. Extra-tough, ABS plastic, shockproof construction for use in the lab or field. Diameter is 2½ in. x depth of 5/8 in. Weighs 1½ oz. Supplied with battery, Traceable® certificate and lanyard.

Cat. No.	Description	Qty.
C6548-12	Traceable® countdown stopwatch	1/ea

### Traceable® Digital Stopwatches/Chronographs

**CARDINAL HEALTH** - Our Traceable® stopwatches/chronographs are ideal for all your basic timing needs. The stopwatch mode features single-action, time-out, cumulative split and continuous timing up to 24 hours. The chronograph function displays time-of-day in hours, minutes and seconds as well as a.m./p.m., date and day of the week. It also provides you with an alarm that you can set for time-of-day.



These Traceable® instruments are housed in a sturdy ABS casing that protects them from impact. Each is supplied with lanyard, instructions and a replaceable battery that lasts for up to a year of continuous use. Resolution is to 0.01 second. Choose from two levels of accuracy. An ISO 17025 individually-serial-numbered Traceable® certificate is supplied to indicate instrument traceability to standards provided by N.I.S.T.

Cat. No.	Accuracy (%)	Qty.
C6520	0.001	1/ea
C6525-2	0.01	1/ea

Traceable® is a registered trademark of Control 3, Inc.

## Timers and Stopwatches

**Traceable® Jumbo-Digit Stopwatch**

**CARDINAL HEALTH** - Our stopwatch has  $\frac{1}{2}$  in.-high digits to provide ease in reading. It times to 24 hours. Timing resolution is  $\frac{1}{100}$  of a second for the first 30 minutes; the stopwatch continues timing to 23 hours, 59 minutes, 59 seconds with a 1-second resolution. The stopwatch also features single-action, time-out, cumulative-split and continuous timing. As a chronograph, it displays the time-of-day in hours, minutes and seconds and in a.m./p.m., plus it also shows date and day of the week and has a time-of-day alarm. Its O-ring-sealed ABS plastic case is water- and shock-resistant and has nonslip rubber sides, making it ideal for lab and plant use.

The stopwatch is supplied with a detachable clip for clipping onto notebooks or clipboards, VELCRO® mounting strips, battery and lanyard. To assure accuracy, an individually-serial-numbered Traceable® certificate is provided from an ISO 17025 calibration laboratory accredited by A2LA. It indicates traceability to N.I.S.T. standards.

VELCRO® is a registered trademark of Velcro Industries B.V.



Cat. No.	Description	Qty.
C6520-2	Traceable® jumbo-digit stopwatch	1/ea

**Traceable® Stopwatch/Repeat Timer**

**CARDINAL HEALTH** - Universal stopwatch provides repeat function of countdown alarm timing. Set countdown time from 10 hours to  $\frac{1}{10}$  of a second. When zero is reached, timer alarms and repeats countdown from the programmed time. Repeat cycle automatically continues until stopped. Display count-box shows how many times the cycle has been repeated. LCD screen continually displays time remaining to zero. The ideal stopwatch to dedicate to an analysis that must be noted at routine intervals. Resolution is 0.01 second. Provides stopwatch functions of single-action, time in/out, cumulative-split, interval-split, eight memories and continuous timing. Accuracy is 0.001%.

To assure accuracy, an individually-serial-numbered Traceable® certificate is provided from our ISO 17025 calibration laboratory accredited by A2LA. It indicates traceability to standards provided by N.I.S.T. Supplied with 2-year battery, Traceable® certificate and lanyard. ABS plastic shockproof case is  $2\frac{3}{8} \times 2\frac{3}{8} \times \frac{1}{2}$  in. Weight is  $1\frac{3}{4}$  oz.



Cat. No.	Description	Qty.
C6520-4	Traceable® stopwatch/repeat timer	1/ea

Traceable® is a registered trademark of Control 3, Inc.

To order, call: 800.964.5227

**Traceable® Three-Button Stopwatch**

**CARDINAL HEALTH** - Use our lightweight stopwatch for all your timing needs when high precision is not a requirement. It times to 24 hours with a resolution of  $\frac{1}{100}$  of a second for 30 minutes and 1 second thereafter. Functions include start/stop, time-out, cumulative split and continuous roll-over timing. Stopwatch displays time and date and provides a sound confirmation each time you press a button. Accuracy is 0.1%. Supplied with a Traceable® certificate, battery and 38 in. lanyard. Dimensions:  $\frac{5}{8} \times 2\frac{1}{8}$  in. diameter. Wt. 0.95 oz.



Cat. No.	Description	Qty.
C6520-1	Traceable® three-button stopwatch	1/ea

**Traceable® Water-and Shock-Resistant Stopwatch**

**CARDINAL HEALTH** - Our Traceable® water- and shock-resistant stopwatch times to 24 hours. It features single-action, time-out, cumulative split and continuous timing. Resolution is  $\frac{1}{100}$  of a second for the first 30 minutes, then continues timing to 23 hours, 59 minutes, 59 seconds with a 1-second resolution. Quartz crystal accuracy is 0.01%. The water-resistant, O-ring-sealed, shock-resistant ABS plastic case is ideal for lab and plant use. As a chronograph, the stopwatch displays time-of-day in hours, minutes and seconds as well as a.m./p.m., date and day of the week. It also features a time-of-day alarm and comes with a 2-year silver oxide battery and lanyard. Timer includes a Traceable® certificate (issued by an A2LA-accredited, ISO 17025-certified lab), which documents traceability to N.I.S.T. standards. One-year warranty. Dimensions:  $2\frac{1}{8} \times 2\frac{3}{8} \times \frac{1}{2}$  in. Wt. 1 oz.



Cat. No.	Description	Qty.
C6525-3	Water- and shock-resistant stopwatch	1/ea

**Traceable® Waterproof/Shockproof Stopwatch**

**CARDINAL HEALTH** - Our general-purpose LCD digital stopwatch times to 24 hours and features single-action, time-out, cumulative-split and continuous timing. Timing resolution is  $\frac{1}{100}$  of a second for the first 30 minutes, then continues timing to 23 hours, 59 minutes, 59 seconds with a 1-second resolution. The timer has an O-ring-sealed and shock-resistant ABS plastic case that is ideal for lab and plant use. It is waterproof to three atmospheres and has tactile-feel click switches that provide a positive action. As a chronograph, the stopwatch displays time-of-day in hours, minutes and seconds, a.m./p.m., date and day of the week. It also has a time-of-day alarm. Accuracy is 0.01%. Digits are  $\frac{1}{4}$  in.-high. Stopwatch measures  $2\frac{1}{8} \times 2\frac{3}{8} \times \frac{1}{2}$  in. and weighs 1 oz. Supplied with a 2-year "always-on" battery and lanyard. An individually-serial-numbered Traceable® certificate is provided from an ISO 17025 calibration laboratory accredited by A2LA. It indicates traceability to standards provided by N.I.S.T.



Cat. No.	Description	Qty.
C6521	Waterproof/shockproof stopwatch	1/ea

# Tubing

## HelixMark® Standard Silicone Tubing

HELIX MEDICAL - HelixMark® standard silicone tubing is platinum-cured, and contains no additives, plasticizers or peroxide components. The tubing is nonadherent and resists clotting, sticking or encrustation. With the ability to operate at elevated temperatures, it will not oxidize or deteriorate. Rigorous testing, including expanded biocompatibility, provides quality assurance for the most demanding biomedical/pharmaceutical industry standards. HelixMark® standard silicone tubing can be sterilized with autoclave, ethylene oxide or gamma radiation within the user's validated cycles and exposure levels. Tubing is not intended for implantation. Certified to ISO 10993-1 standards. Meets USP Class VI standards and complies with FDA 21CFR 177-2600 standards.



Cat. No.	Mfr. No.	Description	Qty.
<b>T5715-52B</b>	60-411-52	0.188 x 0.313 in.	50 ft./pk
<b>T5715-55B</b>	60-411-55	0.250 x 0.438 in.	50 ft./pk
<b>Meets EP 3.1.9 standards</b>			
<b>T5715-21A</b>	60-011-21	0.125 x 0.250 in.	50 ft./pk
<b>T5715-22A</b>	60-011-22	0.188 x 0.313 in.	50 ft./pk
<b>T5715-23A</b>	60-011-23	0.188 x 0.375 in.	50 ft./pk
<b>T5715-24A</b>	60-011-24	0.250 x 0.375 in.	50 ft./pk
<b>T5715-25A</b>	60-011-25	0.250 x 0.438 in.	50 ft./pk

## HelixMark® Peristaltic Pump Tubing

HELIX MEDICAL - HelixMark® peristaltic pump tubing, manufactured with Wacker Silicones material, meets the strength and durability requirements normally associated with peroxide-cured tubing. Tubing undergoes Helix's special stabilization process, providing the additional benefits of superior strength, performance and longer life. Offers proven longer wear and volumetric consistency over 8-, 12- and 24-hour process runs and is the most reliable and consistent platinum-cured silicone tubing available today for pumping applications. Tubing is not intended for implantation. Typical hardness: 59 Shore A.



Tubing is certified to ISO 10993-1 standards. Meets USP Class VI standards and complies with FDA 21CFR 177-2600 standards.

Cat. No.	Mfr. No.	Description	Qty.
<b>T5715-170</b>	60-825-82	0.125 x 0.313 in.	25 ft./pk



## Natural Rubber Latex Tubing

KENT ELASTOMER PRODUCTS - The physical properties of this amber-colored natural rubber latex tubing meet or exceed all federal regulations for performance. It has a tensile strength of 3,500 PSI and is packaged in a convenient dispensing reel containing 50 ft. of tubing.

Cat. No.	Mfr. No.	Description	Qty.
<b>606R</b>	606R	$\frac{3}{16} \times \frac{3}{32}$ in.	1/ea
<b>806R</b>	806R	$\frac{1}{4} \times \frac{3}{32}$ in.	1/ea

## Amber Latex Tubing $\frac{3}{16} \times \frac{3}{32}$ in.

THE PALM TREE GROUP

Cat. No.	Mfr. No.	Description	Qty.
<b>00676</b>	10908	Latex tubing	1/ea

## Rubber Tubing $\frac{1}{4} \times \frac{3}{32}$ in.

THE PALM TREE GROUP

Cat. No.	Mfr. No.	Description	Qty.
<b>00685</b>	10911	Rubber tubing - 50 ft.	1/ea

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Laboratory Products  
7000 Cardinal Place  
Dublin, Ohio 43017