



Ambulatory Laboratory Products catalog

Understanding your practice is our business.

Cardinal Health™ introduces the 2016/2017 Ambulatory laboratory products catalog.

This catalog is intended to serve as an overview of our most popular diagnostic testing options and supplies necessary to conduct diagnostic testing. From specimen collection to rapid tests kits to analyzers, CLIA waived or highly complex, we have solutions for all your needs.

In addition to Cardinal Health™ Brand products, other participating suppliers represented in this catalog are listed below.

For more than 60 years,

Cardinal Health has been supplying customers with laboratory products. We are dedicated, we are your trusted advisor, and we understand that your ambulatory facility has its own unique challenges and requirements.

We are committed.

Our mission is to help you deliver the best possible care for your patients. We provide you the tools to keep your ambulatory facility running at its optimal level, so you can focus on what matters most—your patients.

We are experts.

Over the past six decades, our experience with laboratory products—everything from product development to distribution logistics—has shaped us into the leaders in this field. Our professionals will augment the efforts, and the results, of your professionals.

We are your partner.

Cardinal Health is a tremendous resource with the breadth and scale to drive costs down, streamline processes, and increase quality. Your representative can help you find the perfect solutions for your specific needs.



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Balance Shields

CARDINAL HEALTH - 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	12½ x 13 x 12 in.	1/ea
S1389-89	Large	22 x 16½ x 16½ in.	1/ea



Balance Shield Guards

CARDINAL HEALTH - Balance Shield 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.

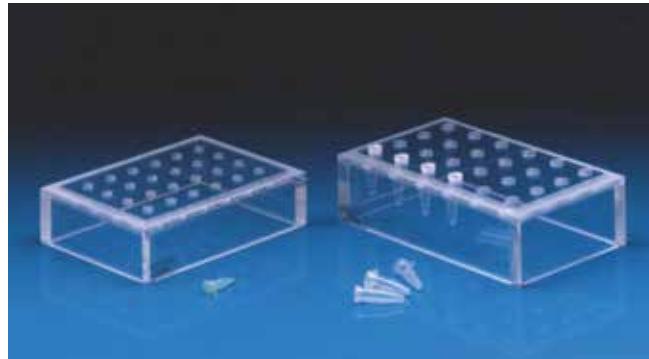
Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-91	Balance shield guard, Mettler	6½ x 9 x 13 in.	1/ea
S1389-92	Balance shield guard, Sartorius	6½ x 10½ x 11½ in.	1/ea



*Beta Containers

CARDINAL HEALTH - Safely store reagents that emit beta isotopes, such as H, C, P and S, with beta storage containers. The ¾ 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	4¾ x 11 x 8 in.	1/ea
S1389-83	Large container	10 x 12 x 9¾ in.	1/ea



*Microcentrifuge Tube Racks

CARDINAL HEALTH - Suitable for carrying and storing up to 24 microcentrifuge tubes, these ¾ 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	1¾ x 7¼ x 5¼ in.	1/ea
S1389-80	Rack for 1.5mL tubes	2½ x 8¼ x 5¼ in.	1/ea

*The products in this catalog may not protect against secondary or other (non-beta) sources of radiation. Users should follow all federal, state and local requirements as they pertain to radiation safety and monitoring.

Acrylic Labware

Blood Bank Accessories



Blood bag organizer S1389-1 and blood bag tray S1389-2



Blood bag two compartment tray CHBBTR-2



Blood bag four compartment tray CHBBTRY-4



Single blood bag holders



Blood bag holder multi-trays, holds 6 - CHBBHTRY6, holds 12 - CHBBHTRY12

Blood Bag Organizers

CARDINAL HEALTH - Blood Bag Organizers have four removable trays in a sturdy acrylic holder that fits into most drawer-type refrigerators. The organizer was designed so that blood bags can be easily stored by type and Rh factor. In addition, it keeps the bags from coming into direct contact with the refrigerator shelf. Each tray has a handle at both ends and holds up to eight blood bags. Trays may be purchased separately. Each tray is made of sturdy, clear acrylic. Two- and four-compartment trays may be used separately or used in the organizer. May be used in blood bag holder S1389-3.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-1	Organizer	5 x 22½ x 18¾ in.	1/ea
S1389-2	Tray	5 x 5 x 18¼ in.	1/ea
S1389-3	Tray holder	3 x 22½ x 18¾ in.	1/ea
CHBBTR-2	2-compartment tray	5 x 5 x 4¾ in.	1/ea
CHBBTRY-4	4-compartment tray	5 x 5 x 9¼ in.	1/ea

Single Blood Bag Holders and Blood Bag Multi-trays

CARDINAL HEALTH - These holders keep blood bags upright to help prevent contact with refrigerator shelves. The clear acrylic allows visibility of bag and labels. The bag holders are easy to clean with soap, water and disinfectants. Their compact size allows for easy storage in a refrigerator or refrigerator door, and their gentle clamp design helps keep them in place during processing, storage and transport. Dimensions (W x H x D): 4 x 4½ x 2 in. Blood bag holder multi-trays provide for organization, transport and storage of groups of blood bag holders. Two sizes available, 6-single blood bag holder 15 L x 5¼ in. W and 12-single blood bag holder 30 L x 5¼ in. W.

Cat. No.	Description	Color	Qty.
S1389-169	Single holder	Clear	1/ea
S1389-171	6-pack, holders	Clear	1/ea
S1389-170	12-pack, holders	Clear	1/ea
CHBBHBLU-1	Single holder	Neon blue	1/ea
CHBBHGRN-1	Single holder	Neon green	1/ea
CHBBHRED-1	Single holder	Neon red	1/ea
CHBBHYLW-1	Single holder	Neon yellow	1/ea
CHBBHBLU-6	6-pack, holders	Neon blue	1/ea
CHBBHGRN-6	6-pack, holders	Neon green	1/ea
CHBBHRED-6	6-pack, holders	Neon red	1/ea
CHBBHYLW-6	6-pack, holders	Neon yellow	1/ea
CHBBHBLU12	12-pack, holders	Neon blue	1/ea
CHBBHGRN12	12-pack, holders	Neon green	1/ea
CHBBHRED12	12-pack, holders	Neon red	1/ea
CHBBHYLW12	12-pack, holders	Neon yellow	1/ea
CHBBHTRY6	Multi-tray, holds 6	Clear	1/ea
CHBBHTRY12	Multi-tray, holds 12	Clear	1/ea



Blood Collection Tube Organizer

CARDINAL HEALTH - This organizer is comprised of a blood collection tube dispenser and a blood collection tube rack/lid. The blood collection tube dispenser holds tubes up to 100mm in length for easy access by the phlebotomist. Once a blood sample is drawn, the tube may be stored in the rack on top of the dispenser. This rack holds up to 24 tubes, 16mm in diameter or less. To fill, lift the rack/lid and allow the tubes to roll from their package into the dispenser. A sloped bottom guides the tubes toward an opening in the dispenser's front panel. The dispenser and the rack/lid may be purchased separately.

Cat. No.	Description (H x W x D)	Qty.
S1389-4	Organizer, 11 1/4 x 4 3/4 x 7 1/2 in.	1/ea
S1389-5	Rack/lid	1/ea
S1389-6	Dispenser	1/ea



Phlebotomy Cabinets

CARDINAL HEALTH - These cabinets have a hinged front cover to protect its contents from dust. The cover is made of clear acrylic so the contents can be readily identified. Six compartments, each 4 3/4 x 4 3/4 in., provide room to organize and store a variety of items. The top surface has ample room for additional items or small storage units, such as the mini-dispensing bin S1389-40.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-52	Phlebotomy cabinet	10 1/4 x 15 x 6 in.	1/ea
S1389-40	Mini-dispensing bin	8 1/2 x 5 x 6 in.	1/ea



Phlebotomy Organizer

CARDINAL HEALTH - This organizer was designed with the phlebotomist in mind. The eight compartments, 4 x 4 3/4 in. each, hold blood collection tubes, swabs, needles, cotton balls and any other item used in blood collection. It is made to fit on the table top of most phlebotomy carts.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-51	Phlebotomy organizer	10 x 15 x 5 in.	1/ea

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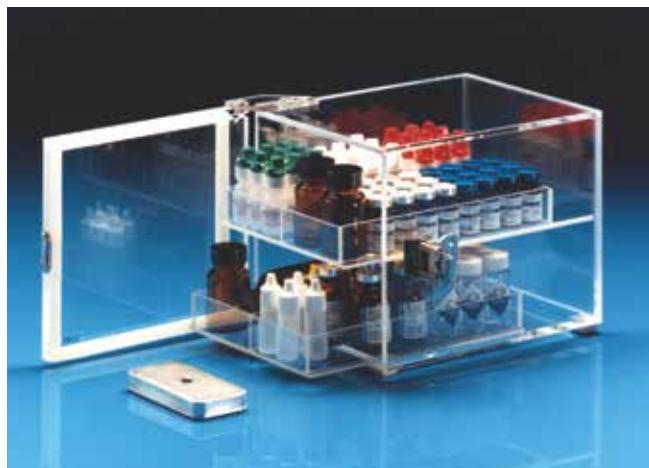
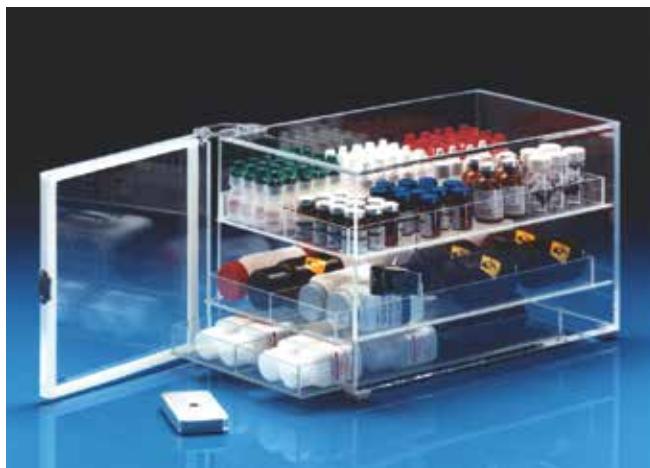
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Acrylic Labware

Desiccator Storage Cabinets



Dry-Cab Desiccator Storage Cabinets

CARDINAL HEALTH - This 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 ample internal storage space, measuring 9 x 9½ x 15½ in. 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.

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

Film Dispensers

CARDINAL HEALTH - Film dispensers offer a dust-resistant 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 1000 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 Bernis Company, Inc.



Cat. No.	Description	Color	Qty.
5 3/4 x 5 1/8 x 6 3/8 (H x W x D) in.			
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
6 1/2 x 20 1/4 x 6 3/4 (H x W x D) in.			
S1389-50	Foil and wrap dispenser	Clear	1/ea

**Mat Pack Dispensers**

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

Cat. No.	Description	Qty.
S1389-150C	Clear dispenser	1/ea
S1389-150G	Neon green dispenser	1/ea
S1389-150R	Neon red dispenser	1/ea

**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 3 1/2 x 8 in.	1/ea
S1389-38	16 x 150mm test tubes	15 x 6 1/2 x 9 in.	1/ea

Acrylic Labware

Dispensers



Petri Dish Dispensers and Racks

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 (see descriptions below). Two styles are available: cylinder and square. 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.
Dispensers				
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 3/4 x 4 1/2	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
Racks				
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
S1389-245	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

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Acrylic Labware

Holders



Bottle Stations

CARDINAL HEALTH - Many tests involve an array of small reagent containers, vials and dropper bottles. These 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



Cube Container Tipping Device

CARDINAL HEALTH - Place a 2½ or 5-gallon cube container on top of this tilting device and it helps ensure 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.

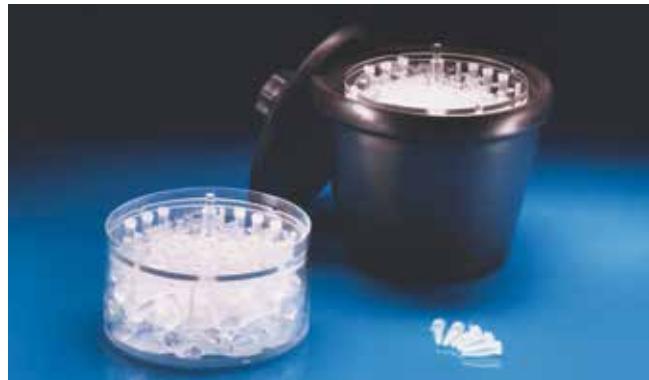
Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-110	Cube container tipping device	4 1/2 x 8 x 10 in., 3/4 in. lip	1/ea



Flask Holders

CARDINAL HEALTH - Use these flask holders to keep 50mL, 125mL, 250mL and 1L 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, 2 1/2 x 4 x 4 in.	1/ea
S1389-114	125mL	2 3/4 in. diameter, 2 3/4 x 5 x 5 in.	1/ea
S1389-115	250mL	3 1/4 in. diameter, 4 1/2 x 5 x 5 in.	1/ea
S1389-116	1L	5 1/2 in. diameter, 5 1/4 x 10 x 10 in.	1/ea



Microtube System

CARDINAL HEALTH - This 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 5/16 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 1/2 in. dia.	1/ea

Acrylic Labware

Holders



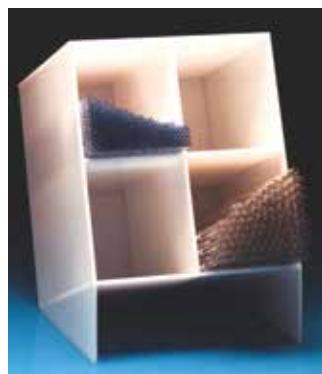
Pipette Bin Station

CARDINAL HEALTH - This 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.

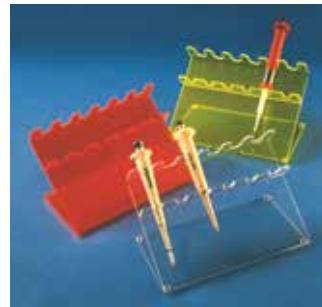


Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-35	Pipette shelf	12¼ x 10 x 9¾ in.	1/ea



Pipettor Stations

CARDINAL HEALTH - This line of pipettor stations holds 1, 2, 3, 4 and 6 pipettes. Few labs limit themselves to one particular brand of pipette, yet each type often requires a different holder. These pipettor stations are designed to help 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.
1-pipettor station, 7¼ x 2¾ x 6½ (H x W x D) in.		
S1389-153C	Clear	1/ea
S1389-153G	Neon green	1/ea
S1389-153R	Neon red	1/ea
S1389-153W	White	1/ea
2-pipettor station, 7¼ x 4 x 6½ (H x W x D) in.		
S1389-154C	Clear	1/ea
S1389-154G	Neon green	1/ea
S1389-154R	Neon red	1/ea
S1389-154W	White	1/ea
3-pipettor station, 7¼ x 6½ x 6½ (H x W x D) in.		
S1389-155C	Clear	1/ea
S1389-155G	Neon green	1/ea
S1389-155R	Neon red	1/ea
S1389-155W	White	1/ea
4-pipettor station, 7¼ x 8¾ x 6½ (H x W x D) in.		
S1389-156C	Clear	1/ea
S1389-156G	Neon green	1/ea
S1389-156R	Neon red	1/ea
S1389-156W	White	1/ea
6-pipettor station, 7¼ x 11¾ x 6½ (H x W x D) in.		
S1389-71	Clear	1/ea
S1389-72	Neon green	1/ea
S1389-73	Neon red	1/ea
S1389-157	White	1/ea

**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 17¾ 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
CH-WKTRY	Work tray, 1 x 25½ x 17 in. (H x W x D)	1/ea

**Bloodbank Crossmatch Racks**

CARDINAL HEALTH - Process patient blood specimens easily and conveniently with these blood culture racks. Up to 12 patient specimens can be processed at one time and the heavy-duty clear acrylic rack may be easily cleaned and sterilized. Holes are laid out to allow the technician to dilute specimen from right to left, left to right or from the top down.

Racks have 16mm holes for patient tubes on all outside rows (except the bottom row) and all other holes have a 13mm diameter to fit a standard 12 x 75mm disposable culture tube. Two sizes are available (small unit has six each (13mm) holes down by six each (13mm) holes across; large unit has six each (13mm) holes down by 12 each (13mm) holes across).

Cat. No.	Size	Dimensions (H x W x D)	Qty.
S1389-148	Small	2½ x 9 x 8½ in.	1/ea
S1389-145	Large	2½ x 15 x 8½ in.	1/ea

**Tissue Culture Trays**

CARDINAL HEALTH - Trays hold 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.
S1389-41	Tissue culture tray	2 x 7½ x 15¾ in.	1/ea

**Column Chromatography Racks**

CARDINAL HEALTH - These 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 double-decker 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.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
Column rack sets			
S1389-17	Two-piece rack set	6 x 11 x 3 in.	1/ea
S1389-10	Three-piece rack set	9¾ x 11¾ x 3 in.	1/ea
Column rack components			
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	Double-decker column rack	9¾ x 11¾ x 3 in.	1/ea

Acrylic Labware

Racks



Micro-Column Racks

CARDINAL HEALTH - Designed specifically to hold up to 20 micro-columns, these racks are large enough to permit convenient handling of columns, yet it is small enough to fit in almost any workspace. The column tips are suspended 3½ 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



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



Microtube Racks

CARDINAL HEALTH - Microtube racks conveniently hold six 80-well microtube trays. They fit 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 8¼ in.	1/ea



Pasteur Pipettor and Tube Racks

CARDINAL HEALTH - These adjustable racks hold 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 3¾ 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	6¾ x 13 x 3 in.	1/ea
S1389-61	Small test tube rack	2 x 12 x 3 in.	1/ea
S1389-62	Centrifuge tube rack	2½ x 12½ x 3 in.	1/ea

Acrylic Labware

Racks



Stacking Test Tube Storage Racks

CARDINAL HEALTH - These 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



Syringe Racks for Lockable Disposable Syringes

CARDINAL HEALTH - These acrylic racks will make preparing for group shots fast and easy. Made of heavy-duty ¾ in.-thick acrylic, these racks hold 24, 48 and 72 syringes.

Cat. No.	Description	Dimensions (H x L x W)	Qty.
S1389-172	24-hole rack	4 x 8 x 5 in.	1/ea
S1389-173	48-hole rack	4 x 15½ x 5 in.	1/ea
S1389-174	72-hole rack	4 x 15½ x 7½ in.	1/ea



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 (page 11) and trough S1389-63 fits under the S1389-60 Pasteur pipettor rack (page 12). 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

Balances and Accessories

Analytical and Compact Balances



Analytical Balances

CARDINAL HEALTH - Analytical balances provide accuracy and precision for the most demanding research applications. Two capacity options are available. Each incorporates a highly precise, electromagnetic sensor to deliver unsurpassed accuracy and readability to 0.0001g (0.1mg).

Widely spaced, the feet lend stability and are adjustable to level the unit. Tare keys are conveniently located on both sides of the control panel for easy access by both right- and left-handed users. These balances incorporate in-lab calibration firmware and are provided with a stainless steel calibration weight. The glass draft shield isolates the weighing area from the outside environment and features sliding doors on the right, left and top.

Specifications:

Pan size (round) stainless steel 3.5 in. (9cm)
Draft shield Yes, glass
Weighing units g, oz, lb, ct.
Calibration External
Display Backlit LCD
Exterior dimensions (W x D x H) 12.5 x 18.5 x 11 in. (32 x 47 x 28cm)

Cat. No.	Description	Qty.
CHW31-120	120g capacity - 0.0001g readability	1/ea
CHW31-210	210g capacity - 0.0001g readability	1/ea



Compact Balances

CARDINAL HEALTH - These economical, compact balances are ideal for a wide range of general weighing applications. Six models cover a weighing range up to 10,000g, with a readability of 0.01g or 0.1g. With enhanced shock resistance and overload protection, this compact series of balances is ideal for use in a variety of environments.

Specifications:

CHW33-120, CHW33-300, CHW33-500

Pan size (round) 4.5 in. (11.5cm)
Draft shield Yes, glass

CHW33-1200

Pan size (round) 6.3 in. (16cm)
Draft shield No

CHW33-5K, CHW33-10K

Pan size (round) 7 in. (18cm)
Draft shield No
Weighing units g, oz, lb, ct.
Calibration External
Display Backlit LCD
Exterior dimensions (W x D x H) 7.5 x 11 x 3.1 in. (18.8 x 28 x 8cm)

Cat. No.	Description	Qty.
CHW33-120	120g capacity - 0.01g readability	1/ea
CHW33-300	300g capacity - 0.01g readability	1/ea
CHW33-500	500g capacity - 0.01g readability	1/ea
CHW33-1200	1,200g capacity - 0.1g readability	1/ea
CHW33-5K	5,000g capacity - 0.1g readability	1/ea
CHW33-10K	10,000g capacity - 0.1g readability	1/ea

Balances and Accessories

Precision Balances/Weighing Paper



Precision Balances

CARDINAL HEALTH - The precision series of balances is designed for true research grade applications with a higher level of precision and readability. They are useful for any laboratory application that does not require a dedicated analytical balance with sub-milligram readability. Advanced software ensures error-free weighing in various applications, including weight accumulation, count weighing, percent deviation and inspection mode.

Specifications:

CHW32-120, CHW32-320, CHW32-500

- Pan size (round) 4.5 in. (11.5cm)
- Draft shield Yes, 3-door glass enclosure
- Exterior dimensions (W x D x H)....8 x 13.75 x 12 in. (20.5 x 35 x 30cm)

CHW32-1200, CHW32-3200, CHW32-5K

- Pan size (round) 6.3 in. (16cm)
- Draft shield No
- Exterior dimensions (W x D x H)....8 x 13.75 x 3.5 in. (20.5 x 35 x 9cm)
- Weighing units.....g, oz., lb., ct.
- Calibration.....External
- Display Backlit LCD

Cat. No.	Description	Qty.
CHW32-120	120g capacity - 0.001g readability	1/ea
CHW32-320	320g capacity - 0.001g readability	1/ea
CHW32-500	500g capacity - 0.001g readability	1/ea
CHW32-1200	1,200g capacity - 0.01g readability	1/ea
CHW32-3200	3,200g capacity - 0.01g readability	1/ea
CHW32-5K	5,000g capacity - 0.01g readability	1/ea

Weighing Paper

CARDINAL HEALTH - This moisture-resistant weighing paper helps keep balance pans clean and can prevent spillage of samples. Makes transfer of chemicals easy after weighing.

- Nitrogen-free
- Non-absorbent

Cat. No.	Description	Qty.
B2040-1	3 x 3 in.	1,000/pk
B2040-2	4 x 4 in.	1,000/pk

The right piece of equipment
is an investment—

Both your **budget** and your **time** are valuable.

When it's time to purchase equipment, you want a selection of **high-quality** items that will stand up to the daily rigors associated with testing. That's why **Cardinal Health delivers** the **selection** and **value** you need to keep your facility operating at its peak level.

Blood Bank

Plasma Thawer

Plasma Thawing Bath

CARDINAL HEALTH - This plasma thawer is designed for use in blood banks and laboratories where it is required to thaw up to four units of Fresh Frozen Plasma (FFP) or Cryoprecipitated AHF or Plasma Frozen within 24 hours after Phlebotomy (PF24) for future infusion into a patient. It offers both controlled temperature and agitation to thaw various volumes of plasma via two independently controlled baskets that accommodate up to two plasma bags per basket. The digital microprocessor control offers rapid temperature recovery and optimal temperature stability to reduce the time required to thaw multiple bags. The easy-to-program user interface allows multiple time options for thawing various-sized bags. Upon completion of a timed cycle, the baskets will automatically raise from the bath. Advanced safety features will notify the user of unsafe conditions and raise the baskets upon alarm activation. Designed to meet FDA standards for safety and performance in plasma thawing. Certified to applicable UL and CSA standards – 60601-1 and 61010-1. Disposable overwrap protection bags (available separately) provide security and protection from contamination. FDA cleared.

Specifications:

Thawing capacity 4 bags
Baskets 2 stainless steel
Electrical 120V, 50/60Hz 7A, 900W

Chamber

Drain time Approx. 5 min.
Material Stainless steel
Volume 17.98L (4.75 gal.)

Temperature

Accuracy +/- 0.3°C
Setpoint 36°C fixed



Dimensions (W x L x H)

Exterior 18½ x 16¼ x 14¾ in. (43 x 41.3 x 37.5cm)
Overall 21¾ x 23 x 15½ in. (55.2 x 58.4 x 39.4cm)
Chamber 15½ x 11 x 7½ in. (39.4 x 27.9 x 19.1cm)

Cat. No.	Description	Qty.
CH-PT1000	Plasma thawing bath	1/ea
Accessories		
CH-PTBAG	Overwrap protection bags	250/bx
CH-PTCOVR	Chamber cover	1/ea
CH-PTTHRM	Plasma thawer thermometer	1/ea

Saline Blood Bank

Certified Blood Bank Saline

CARDINAL HEALTH - Blood bank saline remains stable without preservatives. This highly pure sodium chloride solution is for specific use in immunohematologic testing procedures. Meets NCCLS standard ASI/BB-1 for standard isotonic sodium chloride solution for immunohematologic testing and is pH controlled to be 6.0 to 7.5. For in vitro diagnostic use only. For use as a laboratory diluent. Not for infusion, irrigation or injection. For laboratory use only. Comes in 4 and 10L Cubitainer® containers with dispensing spigot.

Cubitainer® is a registered trademark of Hedwin Corporation.



Cat. No.	Description	Qty.
B3158-2	4L	4/cs
B3158-3	10L	1/ea

Immu-Sal® Immunohematological Saline

CARDINAL HEALTH - Immu-Sal® immunohematological saline contains a preservative to inhibit contamination and gelatin to permit easier resuspension of the cell button. This saline has proven performance for blood bank use. For in vitro diagnostic use only. Not for infusion, injection or irrigation. For laboratory use only. Convenient disposable Cubitainer® containers have a dispensing spigot. 9.48L (2.5 gal.).



Immu-Sal® is a registered trademark of Dade Behring, Inc.

Cubitainer® is a registered trademark of Hedwin Corporation.

Cat. No.	Description	Qty.
B5052-25	Immu-Sal® immunohematological saline	1/ea

Blood Collection

Blood Draw Chairs

Blood Drawing Chairs

CARDINAL HEALTH - These chairs are compression-molded, nylon-filled polyester chair(s) with a dry powder, glacier white epoxy-coated and one-inch square tubular steel frame. Includes type 304 stainless steel foot rest, and molded urethane padded arm with integral coating and gas-assist arm lift mechanism.

The arm easily adjusts to fit any size patient and is angled to support the patient's arm in a fully extended position for easier venipuncture. The elevated seat on these chairs places the patient at the ideal height to allow a blood draw with limited back strain on the technician. Ten-year limited warranty on materials and workmanship.* Weight capacity is 450 lbs. (204 kg). Shipping weight 58 lbs. (26 kg). Some assembly required. Dimensions for chair only (W x D x H): 26.5 x 27.5 x 37 in.



Chair with storage cabinet includes one slide-out tray of high impact ABS plastic with dish dimensions (W x D): 14 x 20.25 in. Overall inside cabinet dimensions (W x D x H): 16.3 x 22 x 9 in. Padded urethane storage cabinet top includes a dished compartment. Bracket and hardware are provided to mount the interchangeable cabinet on right or left side of chair. Ten-year limited warranty on materials and workmanship.* Shipping weight 111 lbs. (50 kg). Some assembly required. Dimensions for chair with cabinet (W x D x H): 46 x 27.5 x 37 in.

Double blood drawing chair with center storage cabinet includes bracket and hardware to mount the cabinet between the two chairs. Ten-year limited warranty on materials and workmanship.* Shipping weight 169 lbs. (77 kg). Some assembly required. Dimensions for double chair with center storage cabinet (W x D x H): 75.4 x 27.5 x 37 in.

*See product packaging and inserts for limited warranty terms.

Cat. No.	Description	Qty.
L5165-1B	Blood drawing chair	1/ea
L5165-2B	Blood drawing chair w/side storage cabinet	1/ea
L5165-3B	Double blood drawing chair w/center storage cabinet	1/ea



Bariatric Blood Drawing Chairs

CARDINAL HEALTH - These chairs are durable and constructed for long life use. Rated to accommodate up to 700 lbs., the chair comfortably seats larger-proportioned individuals or an adult with a small child. This gray vinyl upholstered chair features two hinged padded arms and a type 304 stainless steel footrest. Chairs are constructed with a powder-coated, glacier white, 1 in. square tubular steel frame. This sturdy unit comes with a ten-year limited warranty on materials and workmanship. Two easy-to-use knob mechanisms on each arm allow for incremental adjustments; arm height from chair seat of 8.2–13.2 in., arm depth from chair back of 18.4–21.4 in. The hinged arms may be lifted upright to vertical and the elevated seat reduces back strain on the technician. The vinyl upholstery on this chair is durable and easy to clean. Dimensions for chair only (W x D x H): 50.10 x 30.75 x 43.45 in.

The optional storage cabinet is constructed of epoxy-coated steel with a laminate top and has a slide-out tray with inside dimensions (W x D): 14 x 20.25 in. The tray is removable for cleaning and the cabinet placement is interchangeable from the left side to the right side of the chair. Some assembly is required. Overall inside cabinet dimensions (W x D x H): 16.3 x 22 x 9 in. Dimensions for chair with cabinet (W x D x H): 69.15 x 30.75 x 43.45 in.

**Warranty excludes normal upholstery wear.

Cat. No.	Mfr. No.	Description	Qty.
L5165-4A	1132202	Chair without cabinet	1/ea
L5165-5A	1132203	Chair with cabinet	1/ea

Infant Heel Incision Devices



gentleheel® Heel Incision Device

CARDINAL HEALTH - The gentleheel® heel incision device provides a safe and efficient means for acquiring blood samples from the heels of newborns. Sterile, single-use and not made with natural rubber latex. gentleheel® utilizes an automated lancing mechanism that delivers a smooth incision with less trauma to the heel. gentleheel® features a tri-bevel and hardened stainless steel blade that generates a less traumatic and more accurate incision as well as a welded casing to help prevent accidental exposure to the blade.

gentleheel® is a registered trademark of Global Resources International.

In addition to the current gentleheel® features, the following cosmetic improvements have been added:

- Multiple visual indicators reinforce the location of the incision site
- New ergonomics design for improved handling
- Four distinct colors for easier selection

Cat. No.	Description	Incision (depth/width)	Qty.
GHMP10X50	Micro-preemie - yellow	0.65mm/1.4mm	50/bx, 10 bx/cs
GHP10X50	Preemie - lavender	0.85mm/1.75 mm	50/bx, 10 bx/cs
GHP5X200	Preemie - lavender	0.85mm/1.75mm	200/bx, 5 bx/cs
GHP4X250	Preemie - lavender	0.85mm/1.75mm	1,000/cs
GHN10X50	Newborn - green	1mm/2.5mm	50/bx, 10 bx/cs
GHN5X200	Newborn - green	1mm/2.5mm	200/bx, 5 bx/cs
GHN4X250	Newborn - green	1mm/2.5mm	1,000/cs
GHT10X50	Toddler - blue	2mm/3mm	500/cs

Blood Collection

Safety Lancets

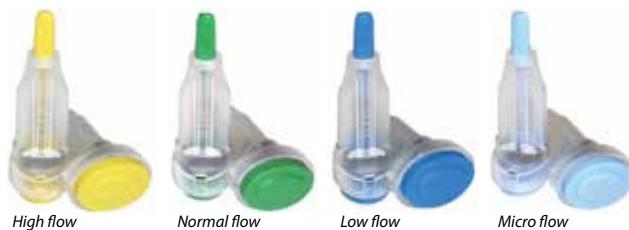


High flow Normal flow Micro flow

Contact Activated Safety Lancets

CARDINAL HEALTH - Ribbed safety tab guarantees needle sterility and gives a secure grip for easy twist-off removal. Unique pain mask applies gentle pressure around the puncture site, distracting the brain's attention away from needle stick. Ergonomic concave housing for comfortable finger recess and gentle pressure activation. Available in three sizes.

Cat. No.	Description	Qty.
SLCANF200	21G x 2.0mm - high flow	200/bx, 10bx/cs
SLCALF200	25G x 1.8mm - normal flow	200/bx, 10bx/cs
SLCAMP200	30G x 1.5mm - micro flow	200/bx, 10bx/cs



High flow Normal flow Low flow Micro flow

Push Button Activated Safety Lancets

CARDINAL HEALTH - These lancets are designed to provide controlled needle depth for greater patient comfort. Needle retracts automatically and locks out for extra safety, protecting from needle stick injuries. Gamma-sterilized, assuring sterility and cannot be reloaded or reused. Ergonomic and easy to handle side ribs provide non-slip grip.

Cat. No.	Description	Qty.
SLPBHF200	18G x 1.8mm - high flow	200/bx, 18 bx/cs
SLPBHN200	21G x 1.8mm - normal flow	200/bx, 18 bx/cs
SLPBLF200	25G x 1.4mm - low flow	200/bx, 18 bx/cs
SLPBMF200	28G x 1.6mm - micro flow	200/bx, 18 bx/cs

Safety Lancets

CARDINAL HEALTH - These safety lancets are pre-set and easy to use. They are OSHA-compliant, feature Comfort Zone Technology®, and offer significant cost savings over leading national brands.



Comfort Zone Technology® is comprised of eight raised dots, which work to send a signal of comfort to the brain, helping to eliminate the pain associated with the fingerstick. In a comparative study, Comfort Zone Technology® was shown to reduce overall pain experienced during blood sampling procedures when compared against devices without CZT*.

Comfort Zone Technology® is a registered trademark of Owen Mumford Ltd. *Data on file.

Cat. No.	Description	Needle Gauge	Depth	Qty.
SLULF100	Ultra low flow	30	1.5mm	100/ct
SLULF200	Ultra low flow	30	1.5mm	200/ct
SLLF100	Low flow	28	1.8mm	100/ct
SLLF200	Low flow	28	1.8mm	200/ct
SLMF100	Medium flow	23	1.8mm	100/ct
SLMF200	Medium flow	23	1.8mm	200/ct
SLHF100	High flow	21	2mm	100/ct
SLHF200	High flow	21	2mm	200/ct
SLDF100	Dual flow	18	1.8mm	100/ct
SLDF200	Dual flow	18	1.8mm	200/ct

Blood Collection

Site Preparation - Tourniquets



Disposable Tourniquets

CARDINAL HEALTH - This line of disposable tourniquets is a great solution to all your strap tourniquet needs. Made of strong, tear-resistant material, but designed to offer elasticity, these tourniquets are comfortable on skin and easy-to-use. Available in assorted styles and sizes.

Cat. No.	Description	Size	Qty.
Polyisoprene disposable tourniquets			
CH5060*	Blue tourniquet with a fine textured finish. Packaged in bulk.	1 x 18 in.	250/pk, 4 pk/cs
CH5061*	Orange tourniquet with a fine textured finish. Ideal for ambulatory care settings. Packaged in bulk.	1 x 18 in.	250/pk, 4 pk/cs
CH7067*	Blue tourniquet has a fine textured finish. The smaller width distinguishes use for geriatric patients.	¾ x 18 in.	250/pk, 4 pk/cs
CH5062*	Pink tourniquet with a fine textured finish. Packaged in bulk.	1 x 18 in.	250/pk, 4 pk/cs
CH8077*	Blue tourniquet with a fine textured finish. Convenient dispenser box with perforation for quick and easy dispensing.	1 x 18 in.	25/bx, 20 bx/cs
CH6064*	Blue tourniquet with a fine textured finish and white Cardinal Health logo. Convenient dispenser box with perforation for quick and easy dispensing.	1 x 18 in.	25/bx, 20 bx/cs
CH7068*	Blue tourniquet has a fine textured finish. The smaller width and length distinguishes use for pediatric patients.	¾ x 17 in.	25/bx, 20 bx/cs
CH8069*	Blue tourniquet with fine textured finish is rolled and banded. Ideal for kitting purposes and IV station use.	1 x 18 in.	100/bx, 10 bx/cs
CH6063*	Orange tourniquet with a fine textured finish. Convenient dispenser box with perforation for quick and easy dispensing.	1 x 18 in.	25/bx, 20 bx/cs
CH8078*	Blue tourniquet with a smooth finish. Convenient dispenser box with perforation for quick and easy dispensing.	1 x 18 in.	25/bx, 20 bx/cs
CH8070*	Blue tourniquet with a fine textured finish. Rubber banded butterfly fold.	1 x 18 in.	100/bx, 10 bx/cs
Thermoplastic elastomer disposable tourniquets			
B3063*	Teal blue textured tourniquet with white Cardinal Health logo. Convenient dispenser box with perforation for quick and easy dispensing.	1 x 18 in.	25/bx, 20 bx/cs
B4066*	Blue textured tourniquet. Convenient dispenser box with perforation for quick and easy dispensing.	1 x 18 in.	25/bx, 20 bx/cs
B3068*	Blue tourniquet with a smooth finish and rubber banded butterfly fold.	1 x 18 in.	100/bx, 10 bx/cs

*Not made with natural rubber latex

Blood Collection

Specimen Handling - Filter Samplers

FILTER SAMPLER® Dispense Filters

CARDINAL HEALTH - This disposable device for separating, filtering, dispensing and storing of serum and plasma from centrifuged whole blood specimens eliminates the need for disposable pipettes, add-on products and capping materials. Technology reduces tube labeling and sample preparation time. Restricted opening acts as a specimen closure and also helps protect personnel from infectious fluids. For use with glass evacuated tubes only. Helps protect ISE systems.

FILTER SAMPLER® is a registered trademark of Porex Corporation.



Cat. No.

Description

Qty.

P5192-2	13mm	100/pk
P5192-1	16mm	100/pk



FILTER SAMPLER® Filter Caps

CARDINAL HEALTH - This disposable cap is for use with FILTER SAMPLER® blood serum filters. Allows closed system with filter in primary collection tube. Stepped design permits same cap to fit on inside of unflared 10.25, 13 and 16mm models to provide positive seal for serum storage or transport. For use with filters P5188-6, P5189-3, -4, -6; P5190-4, -6, -15; P5191-1, -2, -4. 500 caps per package. One size step design fits most serum filters for a positive seal.

FILTER SAMPLER® is a registered trademark of Porex Corporation.

Cat. No.

Description

Qty.

P5193-1	FILTER SAMPLER® filter cap	500/pk, 20 pk/cs
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FILTER SAMPLER® Standard Model

Blood Serum Filters

CARDINAL HEALTH - Use disposable FILTER SAMPLER® blood serum filters when filtered serum can be immediately poured off for analysis. Standard model is similar to the Ion-Barrier™ blood serum filter but without the one-way valve. Do not pull up or reverse from clot. For use with glass evacuated tubes only.

FILTER SAMPLER® is a registered trademark of Porex Corporation.

Ion-Barrier™ is a trademark of Porex Corporation.



Cat. No.

Description

Qty.

P5191-2	10.25mm dia. x 2 in. L	100/pk
P5191-1	10.25mm dia. x 4 in. L	100/pk
P5191-4	13mm dia. x 4 in. L	100/pk
P5190-2	16mm dia. x 2 1/4 in. L	100/pk
P5190-4	16mm dia. x 4 in. L	100/pk
P5190-6	16mm dia. x 6 in. L	100/pk

I.B.™ Model Blood Serum Filters

CARDINAL HEALTH - With Ion-Barrier™ disposable blood serum filters, you can store serum/plasma up to 7 days when it is essential to prevent any exchange of ions with chemistry methodologies*, (up to 4 days with coagulation methodologies*). One-way valve permits a physical gap to be created between the serum/plasma and clot. This action prevents back flow into the primary collection tube. Serum filters P5188-1 and P5189-1 have a flared design that permits direct sampling from 13 or 16mm glass or plastic evacuated tubes.

I.B.™ and Ion-Barrier™ are trademarks of Porex Corporation.

Cat. No.

Description

Qty.

13mm		
P5189-1	1 1/8 in. L	100/pk
P5189-3	2 1/4 in. L	100/pk
P5189-4	4 in. L	100/pk
16mm		
P5188-1	1 1/2 in. L	100/pk
P5188-2	2 3/4 in. L	100/pk
P5188-6	4 in. L	100/pk
P5188-8	6 in. L	100/pk

*Tested on normal population.

Instrument Specific™ Blood Serum Filters

CARDINAL HEALTH - Instrument Specific™ disposable blood serum filters are designed to remove fibrin and gel separation particulates and permit direct sampling from primary collection tubes. They help protect ISE and reduce relabeling of cups, tubes and specimens. Use with glass evacuated blood collection tubes only. Filter P5190-17 is particularly useful with Hitachi® systems.



Instrument Specific™ is a trademark of Porex Corporation.

Hitachi® is a registered trademark of Hitachi Ltd.

Cat. No.

Description

Qty.

P5190-18	13mm dia. x 1 1/8 in. L	100/pk
P5190-13	13mm dia. x 2 1/4 in. L	100/pk
P5190-15	16mm dia. x 1 1/4 in. L	100/pk
P5190-17	16mm dia. x 1 1/8 in. L	100/pk
P5190-16	16mm dia. x 2 1/2 in. L	100/pk



Mobile Work Station Carts

CARDINAL HEALTH - Made of durable, long lasting plastic laminate material, this station is fit for any laboratory and commercial grade location. Easy-rolling casters make it easy to move and are also lockable for added safety. Adjustable height. Washable surface, durable and has a sleek, contemporary design. Custom colors available upon special order. The single-drawer unit has lockable drawer for storage of equipment and supplies.

Cat. No.	Description	Dimensions	Qty.
MWS-1DR	Single drawer, adjustable height	Top box, 18 D x 20 W x 9 in. H	1/ea
MWS-WD	Writing top, adjustable height	Top box, 18 D x 20 in. W	1/ea

Phlebotomy Carts



Supply Cabinets and Phlebotomy Carts

CARDINAL HEALTH - Conveniently roll carts into patients' rooms or labs. Available in standard laminate colors. Laminated for durability, there are also PVC edges to prevent chipping. The cart has square-edge top with backsplash, easy-rolling casters, satin wire pulls on drawers and doors and adjustable shelf. Comes fully assembled and available in custom colors and sizes upon request. May be customized with the phlebotomy organizer as shown on page 5. Dimensions (H x W x D): 20 x 18 x 32 in.

Cat. No.	Description	Qty.
S1389-161B	Blue	1/ea
S1389-161G	Gray	1/ea
S1389-243	White with green top	1/ea
S1389-244	White with rose top	1/ea
S1389-242	Wood grain with black top	1/ea
S1389-241	Wood grain with wood top	1/ea

Centrifuges

Centrifuges and Accessories - Benchtop

Centrifuges



SlidePrep Plus™ Cytology Centrifuge

CARDINAL HEALTH - SlidePrep Plus™ Cytology Centrifuge comes in a convenient, small size yet can process up to six specimens at once. Digital controls and easy-to-read LCD display enable users to alter or monitor current settings easily. The unit's memory stores up to 25 programs for instant recall. Three acceleration options allow users excellent flexibility and exceptional protection for fragile samples. Alarm reminds users at 1-minute intervals to remove specimens to protect them from air-drying and ensure consistent results. Built-in safety features can help reduce accidents, resulting in sample loss.

SlidePrep Plus™ is a trademark of Separation Technology, Inc.

Cat. No.	Description	Qty.
CH100-400	SlidePrep Plus™ centrifuge	1/ea
Replacement Accessories		
CH200-400	Complete sealed head	1/ea
CH550-100	Power cord 120V 3-prong NEMA 5-15P plug	1/ea
CH640-116	Latch tool	1/ea
CH720-400	Bowl lid seal	1/ea



PlasmaPrep™ 12 Centrifuge

CARDINAL HEALTH - High-quality, cost-effective centrifuge offers 4 pre-programmed spin times:

- 30 seconds for platelet-rich plasma
- 2 minutes for platelet-poor plasma
- 3 minutes for intermediate spins
- 5 minutes for hard spins

Tubes can be processed as they arrive, no need to wait for batches. Processes up to six samples at once. Accepts 13 x 75mm through 16 x 100mm tubes. The centrifuge is whisper-quiet and heavy-duty and is microprocessor controlled for ease of use. It has an automatic out-of-balance shut down and all the features to help keep you safe. Fast separation without high-speed risk for COAG or STAT. Not for use with gel separator tubes.

PlasmaPrep™ is a trademark of Separation Technology, Inc.

Cat. No.	Description	Qty.
CH100-650	PlasmaPrep™ 12 centrifuge	1/ea
CH230-600	Tube holder used with PlasmaPrep™ 12	24/pk

Visit us online at cardinalhealth.com

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

Premier Series Blood Bank Refrigerators

CARDINAL HEALTH Premier Series blood bank refrigerators are designed to meet strict requirements established by the AABB, ANRC and FDA for storage of whole blood and blood components. The complete selection of +4°C refrigerators feature simplified push-button alarm test functions and reliable, field-proven refrigeration systems designed for the most demanding applications.

- Powerful industrial compressors
- Thick CFC free insulation
- Access port standard
- Adjustable temperature set point
- Adjustable temperature alarms
- Built in contacts for remote alarms
- Self-closing doors
- Adjustable steel drawers
- Built-in chart recorder (free standing on 4.9 cu ft)
- Automatic alarm test
- Additional lower temperature probe
- Smart defrost for temperature stability
- Standard chart recorder

UL certified.



R3840-10A

Temperature range: +1°C to +8°C, factory pre-set to +4°C (auto defrost)

Cat. No.	Cu. Ft. (Bag capacity)	Voltage (Hz)	Amps/ Breaker (Plug)	Cabinet	Door	Drawers	Int. Dimensions*		Ext. Dimensions*		Ship Weight lbs.
							H x D x W Inches	H x D x W Inches	H x D x W Inches		
R3863-4A	4.9 (64)	115 (60)	8.0/15 (P1)	Undercounter	Single, solid	2	20 x 20.5 x 20		33.4 x 26 x 24		220
R3840-3A	11.5 (192)	115 (60)	9.4/15 (P1)	Space saver	Single, glass	6	52.4 x 21.8 x 20		73.6 x 29.4 x 24		320
R3840-5A	23.3 (385)	115 (60)	9.4/15 (P1)	Upright	Single, glass	7	58 x 29 x 24		79.2 x 36.4 x 28		470
R3840-5D	23.3 (385)	208/230 (60)	6.0/15 (P4)	Upright	Single, glass	7	58 x 29 x 24		79.2 x 36.4 x 28		470
R3840-6A	29.2 (426)	115 (60)	9.4/15 (P1)	Upright	Single, glass	6	58 x 29 x 30		79.2 x 36.4 x 34		505
TFSBB304D	29.2 (426)	208/230 (60)	6.0/15 (P4)	Upright	Single, glass	6	58 x 29 x 30		79.2 x 36.4 x 34		505
R3840-10A	51.1 (770)	115 (60)	15/20 (P2)	Upright	Double, glass	14	58 x 29 x 52.5		79.2 x 36.4 x 56.5		640
R3840-10D	51.1 (770)	208/230 (60)	8.5/15 (P4)	Upright	Double, glass	14	58 x 29 x 52.5		79.2 x 36.4 x 56.5		640

* Published interior volumes are nominal; useable cu. ft. capacities may be offset by shelves, drawers, blower coils, or cabinet protrusions. For specific cabinet dimensions and allowances, or for verification of clearance tolerances, contact our sales representative. Product performance may be affected by ambient temperature conditions, humidity conditions, sample loading preferences, and frequency of door openings. Contact our sales representative for specific inquiries regarding your application.

** Nominal capacity based on 450 mL whole blood bags.

Cold Storage

Refrigerators - General Laboratory

Premier Series Laboratory Refrigerators

CARDINAL HEALTH - This selection of high performance laboratory refrigerators offers cabinet sizes to fit a variety of space needs and storage equipment.

- Powerful industrial compressors
- Thick CFC free insulation
- Access port standard
- Adjustable temperature set point
- Adjustable temperature alarms
- Built in contacts for remote alarms
- Self-closing doors
- Adjustable shelves
- Smart defrost for temperature stability
- Optional chart recorder
- Available in solid or glass door except 45.8 cu. ft. (sliding glass only)

UL certified.



Temperature range: +1°C to +8°C, factory pre-set to +4°C (auto defrost)

Cat. No.	Cu. Ft.	Voltage (Hz)	Amps/Breaker (Plug)	Cabinet	Door	Shelves	Int. Dimensions*		Ext. Dimensions* H x D x W in.	Ship Weight lbs.
							H	D x W in.		
R3863-1A	4.9	115 (60)	8.0/15 (P1)	Undercounter	Single, solid	3	20	20.5 x 20	33.4 x 26 x 24	220
LRG46A	4.9	115 (60)	8.0/15 (P1)	Undercounter	Single, glass	3	20	20.5 x 20	33.4 x 26 x 24	220
LRG46D	4.9	208/230 (60)	6.0/15 (P4)	Undercounter	Single, glass	3	20	20.5 x 20	33.4 x 26 x 24	220
R3802-3A	11.5	115 (60)	9.4/15 (P1)	Space saver	Single, solid	4	52.4	21.8 x 20	73.6 x 29.4 x 24	280
LRG124A	11.5	115 (60)	9.4/15 (P1)	Space saver	Single, glass	4	52.4	21.8 x 20	73.6 x 29.4 x 24	280
LRG124D	11.5	208/230 (60)	6.0/15 (P4)	Space saver	Single, glass	4	52.4	21.8 x 20	73.6 x 29.4 x 24	280
R3802-5A	23.3	115 (60)	9.4/15 (P1)	Upright	Single, solid	4	58	29 x 24	79.2 x 37.2 x 28	370
LRG234A	23.3	115 (60)	9.4/15 (P1)	Upright	Single, glass	4	58	29 x 24	79.2 x 37.2 x 28	370
R38025D	23.3	208/230 (60)	6.0/15 (P4)	Upright	Single, solid	4	58	29 x 24	79.2 x 37.2 x 28	370
LRG234D	23.3	208/230 (60)	6.0/15 (P4)	Upright	Single, glass	4	58	29 x 24	79.2 x 37.2 x 28	370
R3802-6A	29.2	115 (60)	9.4/15 (P1)	Upright	Single, solid	4	58	29 x 30	79.2 x 37.2 x 34	435
LRG304A	29.2	115 (60)	9.4/15 (P1)	Upright	Single, glass	4	58	29 x 30	79.2 x 37.2 x 34	435
LRG304D	29.2	208/230 (60)	6.0/15 (P4)	Upright	Single, glass	4	58	29 x 30	79.2 x 37.2 x 34	435
R3802-7A	45.8	115 (60)	15.0/20 (P2)	Upright	Double, sliding glass	8	58	26 x 52.5	79.1 x 34.5 x 56.5	670
R3802-10A	51.1	115 (60)	15/20 (P2)	Upright	Double, solid	8	58	29 x 52.5	79.2 x 37.2 x 56.5	585
LRG504A	51.1	115 (60)	15/20 (P2)	Upright	Double, glass	8	58	29 x 52.5	79.2 x 37.2 x 56.5	585
R380210D	51.1	208/230 (60)	8.5/15 (P4)	Upright	Double, solid	8	58	29 x 52.5	79.2 x 37.2 x 56.5	585
LRG504D	51.1	208/230 (60)	8.5/15 (P4)	Upright	Double, glass	8	58	29 x 52.5	79.2 x 37.2 x 56.5	585
R3802-15A	78.8	115 (60)	16.0/20 (P2)	Upright	Triple, solid	12	58	29 x 81	79.2 x 37.2 x 85	805
LRG754A	78.8	115 (60)	16.0/20 (P2)	Upright	Triple, glass	12	58	29 x 81	79.2 x 37.2 x 85	805
R3802-15D	78.8	208/230 (60)	10.5/15 (P4)	Upright	Triple, solid	12	58	29 x 81	79.2 x 37.2 x 85	805
LRG754D	78.8	208/230 (60)	10.5/15 (P4)	Upright	Triple, glass	12	58	29 x 81	79.2 x 37.2 x 85	805

Accessories for Premier Refrigerators and Freezers

	4.9 cu. ft.	11.5 cu. ft.	23.3 cu. ft.	29.2 cu. ft.	45.8 cu. ft.	51.1 cu. ft.	78.8 cu. ft.
Temperature recorders	Cat. No.						
Built-in, factory installed	n/a	TFS6183-7	TFS6183-7	TFS6183-7	TFS6183-7	TFS6183-7	TFS6183-7
Replacement chart paper	TFS6184	TFS6184	TFS6184	TFS6184	TFS6184	TFS6184	TFS6184

* Published interior volumes are nominal; useable cu. ft. capacities may be offset by shelves, drawers, blower coils, or cabinet protrusions. For specific cabinet dimensions and allowances, or for verification of clearance tolerances, contact our sales representatives. Product performance may be affected by ambient temperature conditions, humidity conditions, sample loading preferences, and frequency of door openings. Contact our sales representatives for specific inquiries regarding your application.

Pro Series Laboratory Refrigerators

CARDINAL HEALTH - Pro Series laboratory refrigerators deliver stable temperature control over a range of +1°C to +12°C. Refrigerator door options include solid, glass and sliding glass on certain models. Also available with painted coated steel or stainless steel exteriors. Shelving with pilaster mounting system allows flexibility in placement. Available in eight sizes.

- 1 in. access port
- 2 in. dual wheel casters

UL certified.



MR12PAGAEE



MR25SSSAEE

Temperature range: +1°C to +12°C, preset to +4°C; undercounter +2°C to +10°C, preset to +4°C (auto defrost)

Cat. No.	Cu. Ft.	Voltage (Hz)	Finish	Door	Chart Recorder	Shelves	Int. Dimensions W x D x H in.	Ext. Dimensions W x D x H in.	Ship Weight lbs.
MR12PAGAEE	12	115 (60)	Painted	Glass	No	4	21 x 20.75 x 45.75	24.75 x 25 x 75.82	230
MR25PAGAEE	23	115 (60)	Painted	Glass	No	4	24 x 28.5 x 61.75	27.75 x 33.75 x 81	300
MR25PAGARE	23	115 (60)	Painted	Glass	Yes	4	24 x 28.5 x 61.75	27.75 x 33.75 x 81	300
MR25SSGAEE	23	115 (60)	Stainless steel	Glass	No	4	24 x 28.5 x 61.75	27.75 x 33.75 x 81	300
MR25SSGARE	23	115 (60)	Stainless steel	Glass	Yes	4	24 x 28.5 x 61.75	27.75 x 33.75 x 81	300
MR25SSSAEE	23	115 (60)	Stainless steel	Solid	No	4	24 x 28.5 x 61.75	27.75 x 33.75 x 81	300
MR25SSSARE	23	115 (60)	Stainless steel	Solid	Yes	4	24 x 28.5 x 61.75	27.75 x 33.75 x 81	300
MR30PAGAEE	27	115 (60)	Painted	Glass	No	4	27 x 28.5 x 61.75	30.75 x 33.75 x 81	386
MR30PAGARE	27	115 (60)	Painted	Glass	Yes	4	27 x 28.5 x 61.75	30.75 x 33.75 x 81	386
MR30PASAEE	27	115 (60)	Painted	Solid	No	4	27 x 28.5 x 61.75	30.75 x 33.75 x 81	386
MR30PASARE	27	115 (60)	Painted	Solid	Yes	4	27 x 28.5 x 61.75	30.75 x 33.75 x 81	386
MR30SSGAEE	27	115 (60)	Stainless steel	Glass	No	4	27 x 28.5 x 61.75	30.75 x 33.75 x 81	386
MR30SSGARE	27	115 (60)	Stainless steel	Glass	Yes	4	27 x 28.5 x 61.75	30.75 x 33.75 x 81	386
MR30SSSAEE	27	115 (60)	Stainless steel	Solid	No	4	27 x 28.5 x 61.75	30.75 x 33.75 x 81	386
MR30SSSARE	27	115 (60)	Stainless steel	Solid	Yes	4	27 x 28.5 x 61.75	30.75 x 33.75 x 81	386

continued on next page

Cold Storage

Refrigerators - General Laboratory

Pro Series Laboratory Refrigerators (continued)



MR49PASARE



Internal light and fan standard on all Pro Series models



1 in. access port standard on all refrigerators and freezers

Temperature range: +1°C to +12°C, preset to +4°C (auto defrost)

Cat. No.	Cu. Ft.	Voltage (Hz)	Finish	Door	Chart Recorder	Shelves	Int. Dimensions W x D x H in.	Ext. Dimensions W x D x H in.	Ship Weight lbs.
MR38PAGAEE	38	115 (60)	Painted	Glass	No	8	40.5 x 27 x 61.75	44.2 x 33 x 81	524
MR38PAGARE	38	115 (60)	Painted	Glass	Yes	8	40.5 x 27 x 61.75	44.2 x 33 x 81	524
MR45PAGAEE	45	115 (60)	Painted	Glass	No	8	49 x 27 x 61.75	52.7 x 33 x 81	561
MR45PAGARE	45	115 (60)	Painted	Glass	Yes	8	49 x 27 x 61.75	52.7 x 33 x 81	561
MR45SSGAEE	45	115 (60)	Stainless steel	Glass	No	8	49 x 27 x 61.75	52.7 x 33 x 81	561
MR45SSGARE	45	115 (60)	Stainless steel	Glass	Yes	8	49 x 27 x 61.75	52.7 x 33 x 81	561
MR49PAGAEE	49	115 (60)	Painted	Glass	No	8	49 x 28.5 x 61.75	52.75 x 33.75 x 81	597
MR49PAGARE	49	115 (60)	Painted	Glass	Yes	8	49 x 28.5 x 61.75	52.75 x 33.75 x 81	597
MR49PASAEE	49	115 (60)	Painted	Solid	No	8	49 x 28.5 x 61.75	52.75 x 33.75 x 81	597
MR49PASARE	49	115 (60)	Painted	Solid	Yes	8	49 x 28.5 x 61.75	52.75 x 33.75 x 81	597
MR49SSGAEE	49	115 (60)	Stainless steel	Glass	No	8	49 x 28.5 x 61.75	52.7 x 33.75 x 81	597
MR49SSGARE	49	115 (60)	Stainless steel	Glass	Yes	8	49 x 28.5 x 61.75	52.7 x 33.75 x 81	597
MR49SSSAEE	49	115 (60)	Stainless steel	Solid	No	8	49 x 28.5 x 61.75	52.7 x 33.75 x 81	597
MR49SSSARE	49	115 (60)	Stainless steel	Solid	Yes	8	49 x 28.5 x 61.75	52.7 x 33.75 x 81	597
MR72PAGAEE	72	115 (60)	Painted	Glass	No	12	72 x 28.5 x 61.75	75.7 x 33 x 81	730
MR72PAGARE	72	115 (60)	Painted	Glass	Yes	12	72 x 28.5 x 61.75	75.7 x 33 x 81	730
MR72SSGAEE	72	115 (60)	Stainless steel	Glass	No	12	72 x 28.5 x 61.75	75.7 x 33.75 x 81	730
MR72SSGARE	72	115 (60)	Stainless steel	Glass	Yes	12	72 x 28.5 x 61.75	75.7 x 33.75 x 81	730

Premier Series Pharmacy Refrigerators

CARDINAL HEALTH - Configured for accurate storage and easy retrieval of pharmacy products, Premier Series pharmacy refrigerators feature full-extension stainless steel roll-out drawers. Developed for stable temperature control over a range of +1°C to +8°C, these refrigerators are available in four sizes.

- Powerful industrial compressors
- Thick CFC free insulation
- Access ports standard
- Adjustable temperature set point
- Adjustable temperature alarms
- Built in contacts for remote alarms
- Self-closing doors
- Adjustable steel drawers
- Smart defrost for temperature stability
- Optional chart recorder

UL certified.



TFSPR304A

Temperature range: +1°C to +8°C, factory pre-set to +4°C (auto defrost)

Cat. No.	Cu. Ft.	Voltage (Hz)	Amps/Breaker (Plug)			Drawers	Int. Dimensions* H x D x W in.	Ext. Dimensions* H x D x W in.	Ship Weight lbs.
				Cabinet	Door				
R3872-1A	23.3	115 (60)	9.4/15 (P1)	Upright	Single, glass	6	58 x 29 x 24	79.2 x 36.4 x 28	470
R38721D	23.3	208/230 (60)	6.0/15 (P4)	Upright	Single, glass	6	58 x 29 x 24	79.2 x 36.4 x 28	470
TFSPR304A	29.2	115 (60)	9.4/15 (P1)	Upright	Single, glass	6	58 x 29 x 30	79.2 x 36.4 x 34	505
TFSPR304D	29.2	208/230 (60)	6.0/15 (P4)	Upright	Single, glass	6	58 x 29 x 30	79.2 x 36.4 x 34	505
R3872-5A	51.1	115 (60)	15.0/20 (P2)	Upright	Double, glass	12	58 x 29 x 52.5	79.2 x 36.4 x 56.5	640
R38725D	51.1	208/230 (60)	8.5/15 (P4)	Upright	Double, glass	12	58 x 29 x 52.5	79.2 x 36.4 x 56.5	640

* Published interior volumes are nominal; useable cu. ft. capacities may be offset by shelves, drawers, blower coils, or cabinet protrusions. For specific cabinet dimensions and allowances, or for verification of clearance tolerances, contact our sales representative. Product performance may be affected by ambient temperature conditions, humidity conditions, sample loading preferences, and frequency of door openings. Contact our sales representative for specific inquiries regarding your application.

Controls

Chemistry



MAS Bilirubin

THERMO SCIENTIFIC - This assayed, tri-level control has been designed to monitor the performance of total, direct, conjugated, unconjugated and neonatal bilirubin. There is no additional preparation steps required for this liquid, ready-to-use product. An elevated bilirubin is included in level 3 for neonatal applications.

Cat. No.	Mfr. No.	Description	Qty.
BC101	BC101	Level 1, 6 x 5mL	1/ea
BC102	BC102	Level 2, 6 x 5mL	1/ea
BC103	BC103	Level 3, 6 x 5mL	1/ea



MAS chemTRAK®•H

THERMO SCIENTIFIC - This is a comprehensive multi-analyte control, designed to monitor general chemistry and TDM methods. Available in an assayed or unassayed format. Both formats are liquid, ready-to-use and no additional preparation is required. Assayed values are available for most major platforms.

Cat. No.	Mfr. No.	Description	Qty.
Assayed			
CHA-1	CHA-1	Level 1, 6 x 5mL	1/ea
CHA-2	CHA-2	Level 2, 6 x 5mL	1/ea
CHA-3	CHA-3	Level 3, 6 x 5mL	1/ea
Unassayed			
CHU-1	CHU-1	Level 1, 10 x 15mL	1/ea
CHU-2	CHU-2	Level 2, 10 x 15mL	1/ea
CHU-3	CHU-3	Level 3, 10 x 15mL	1/ea



MAS Bilirubin for Vista®

THERMO SCIENTIFIC - Designed specifically for use with the Siemens Dimension Vista® instrumentation. Fully validated onboard QC stability claims provide assurance that long-term quality assurance is maintained when performing routine quality control in the Dimension Vista® instrument.

Cat. No.	Mfr. No.	Description	Qty.
10014432	10014432	Level 3, 6 x 2mL	1/ea



MAS chemTRAK®•H Assayed for Vista®

THERMO SCIENTIFIC - Designed specifically for use with the Siemens Dimension Vista® instrumentation. Fully validated onboard QC stability claims provide assurance that long-term quality assurance is maintained when performing routine quality control in the Dimension Vista® instrument.

Cat. No.	Mfr. No.	Description	Qty.
10014150	10014150	Level 1, 6 x 2mL	1/ea
10014151	10014151	Level 2, 6 x 2mL	1/ea
10014152	10014152	Level 3, 6 x 2mL	1/ea

**MAS CSF**

THERMO SCIENTIFIC - This assayed, bi-level control is designed to monitor the performance of quantitative and manual chemical analysis of human cerebrospinal fluid. Multiple oligoclonal bands are present in Level 2. Assayed for major instrument systems as well as for cellulose acetate and agarose gel electrophoresis. These products are liquid, ready-to-use and require no additional preparation.

Cat. No.	Mfr. No.	Description	Qty.
CSF-MP	CSF-MP	Multi-pack, bi-level, 6 x 3.5mL	1/ea

**MAS Diabetes for Vista®**

THERMO SCIENTIFIC - Designed specifically for use with the Siemens Dimension Vista® instrumentation. Fully validated onboard QC stability claims provide assurance that long-term quality assurance is maintained when performing routine quality control in the Dimension Vista® instrument.

Cat. No.	Mfr. No.	Description	Qty.
DBCL-V	DBCL-V	Multi-pack, bi-level, 6 x 2mL	1/ea

**MAS CSF for Vista®**

THERMO SCIENTIFIC - Designed specifically for use with the Siemens Dimension Vista® instrumentation. Fully validated onboard QC stability claims provide assurance that long-term quality assurance is maintained when performing routine quality control in the Dimension Vista® instrument.

Cat. No.	Mfr. No.	Description	Qty.
10014444	10014444	Multi-pack, bi-level, 6 x 2mL	1/ea

**MAS PAR TDM**

THERMO SCIENTIFIC - This liquid therapeutic drug control is a multi-analyte control with assayed values designed for therapeutic drugs and common immunoassay test procedures on most automated instruments. No additional preparation is required for this liquid, ready-to-use product that offers three significant levels.

Cat. No.	Mfr. No.	Description	Qty.
PTD1-1001A	PTD1-1001	Level 1, 6 x 5mL	1/ea
PTD2-2002A	PTD2-2002	Level 2, 6 x 5mL	1/ea
PTD3-3003A	PTD3-3003	Level 3, 6 x 5mL	1/ea

Controls

Chemistry



MAS UrichemTRAK®

THERMO SCIENTIFIC - UrichemTRAK® is designed to quantitatively monitor the most commonly tested urine chemistry analytes. This liquid, assayed control is ready-to-use, requires no additional preparation and the non-azide formulation will not interfere with ISEs. It includes general chemistry, physical properties and hCG tests.

Cat. No.	Mfr. No.	Description	Qty.
UR11001	UR11001	Level 1, 6 x 5mL	1/ea
UR22002	UR22002	Level 2, 6 x 5mL	1/ea
UR-MP	UR-MP	Multi-pack, bi-level, 6 x 5mL	1/ea



MAS UrichemTRAK® for Vista®

THERMO SCIENTIFIC - Designed specifically for use with the Siemens Dimension Vista® instrumentation. Fully validated onboard QC stability claims provide assurance that long-term quality assurance is maintained when performing routine quality control in the Dimension Vista® instrument.

Cat. No.	Mfr. No.	Description	Qty.
10014127	10014127	Multi-pack, bi-level, 6 x 2mL	1/ea

Screw Cap Dropper Tips

THERMO SCIENTIFIC - Designed for controls with a screw cap closer. These plastic tips allow the glass vial to be used as a dropper bottle.

Cat. No.	Mfr. No.	Description	Qty.
286-606	286-606	Dropper tips	100/pk

Immunology



MAS CardiolImmune®•XL

THERMO SCIENTIFIC - This multi-analyte control is designed to monitor serum cardiac marker test methods. No additional preparation is required for this liquid, ready-to-use product. It offers four distinct levels, and is also available in a tri-level multi-pack.

Cat. No.	Mfr. No.	Description	Qty.
CAI-XLL	CAI-XLL	Level L, 6 x 3mL	1/ea
CAI-XL1	CAI-XL1	Level 1, 6 x 3mL	1/ea
CAI-XL2	CAI-XL2	Level 2, 6 x 3mL	1/ea
CAI-XL3	CAI-XL3	Level 3, 6 x 3mL	1/ea
M5980-4	CAI-XL4	Multi-pack, tri-level, 6 x 3mL	1/ea



MAS CardiolImmune®•XL for Vista®

THERMO SCIENTIFIC - Designed specifically for use with the Siemens Dimension Vista® instrumentation. Fully validated onboard QC stability claims provide assurance that long-term quality assurance is maintained when performing routine quality control in the Dimension Vista® instrument.

Cat. No.	Mfr. No.	Description	Qty.
10014179	10014179	Level L, 6 x 2mL	1/ea
10014180	10014180	Level 1, 6 x 2mL	1/ea
10014181	10014181	Level 2, 6 x 2mL	1/ea
10014182	10014182	Level 3, 6 x 2mL	1/ea



MAS Immunology

THERMO SCIENTIFIC - This multi-analyte immunology liquid assayed control is designed to monitor the performance of various serum protein and serology test procedures including Antistreptolysin O, C-Reactive Protein, Prealbumin and Rheumatoid Factor. It is assayed for major instrument systems and is ready-to-use, requiring no additional preparation. Three levels provide monitoring of the full assay range.

Cat. No.	Mfr. No.	Description	Qty.
IC-101	IC-101	Level 1, 6 x 3mL	1/ea
IC-202	IC-202	Level 2, 6 x 3mL	1/ea
IC-303	IC-303	Level 3, 6 x 3mL	1/ea



MAS Diabetes

THERMO SCIENTIFIC - This liquid assayed diabetes control is a bi-level control designed to monitor hemoglobin A1c methods. Assayed for most major instrument systems. The liquid, ready-to-use product requires no additional preparation.

Cat. No.	Mfr. No.	Description	Qty.
DBCL-MP	DBCL-MP	Multi-pack, bi-level, 6 x 1mL	1/ea



MAS Immunology for Vista®

THERMO SCIENTIFIC - Designed specifically for use with the Siemens Dimension Vista® instrumentation. Fully validated onboard QC stability claims provide assurance that long-term quality assurance is maintained when performing routine quality control in the Dimension Vista® instrument.

Cat. No.	Mfr. No.	Description	Qty.
IC-V1	IC-V1	Level 1, 6 x 2mL	1/ea
IC-V2	IC-V2	Level 2, 6 x 2mL	1/ea
IC-V3	IC-V3	Level 3, 6 x 2mL	1/ea

Controls

Immunology



MAS Liquimmune®

THERMO SCIENTIFIC - This multi-analyte immunoassay control is liquid based and designed to monitor immunoassay test procedures on automated instruments. Provides coverage of fertility, thyroid, iron deficiency, endocrine and allergy parameters. Assayed values are provided for major instrument systems.

Cat. No.	Mfr. No.	Description	Qty.
LIG-101	LIG-101	Level 1, 6 x 5mL	1/ea
LIG-202	LIG-202	Level 2, 6 x 5mL	1/ea
LIG-303	LIG-303	Level 3, 6 x 5mL	1/ea



MAS Omni-CORE™ Assayed

THERMO SCIENTIFIC - Thermo Scientific™ MAS Omni-CORE control consolidates general chemistry serum protein QC processing into a single product, offering three distinct levels. Value assignment is provided for key integrated instrument systems, including Abbott Architect, Beckman Coulter AU, Synchro and UniCel, Ortho Clinical Diagnostics Vitros®, Roche Cobas and Elecsys systems and Siemens Advia, Dimension and Dimension Vista.

Cat. No.	Mfr. No.	Description	Qty.
OCR-101	OCR-101	Level 1, 6 x 5mL	1/ea
OCR-202	OCR-102	Level 2, 6 x 5mL	1/ea
OCR-303	OCR-103	Level 3, 6 x 5mL	1/ea



MAS Liquimmune® for Vista®

THERMO SCIENTIFIC - Designed specifically for use with the Siemens Dimension Vista® instrumentation. Fully validated onboard QC stability claims provide assurance that long-term quality assurance is maintained when performing routine quality control in the Dimension Vista® instrument.

Cat. No.	Mfr. No.	Description	Qty.
10013876	10013876	Level 1, 6 x 2mL	1/ea
10013877	10013877	Level 2, 6 x 2mL	1/ea
10013878	10013878	Level 3, 6 x 2mL	1/ea



MAS Omni-IMMUNE™

THERMO SCIENTIFIC - Thermo Scientific™ MAS Omni-IMMUNE and Omni-IMMUNE PRO controls provide consolidation for routine immunoassay, tumor marker and specialty immunoassay QC processing into a single product, offering three distinct levels. Value assignment is provided for key integrated instrument systems including Abbott Architect, Beckman Coulter Access and UniCel, Ortho Clinical Diagnostics Vitros®, Roche Cobas and Elecsys systems and Siemens Centaur, Dimension, Dimension Vista and Immulite.

Cat. No.	Mfr. No.	Description	Qty.
Omni-IMMUNE assayed			
OIM-101	OIM-101	Level 1, 6 x 5mL	1/ea
OIM-202	OIM-202	Level 2, 6 x 5mL	1/ea
OIM-303	OIM-303	Level 3, 6 x 5mL	1/ea
Omni-IMMUNE PRO assayed			
OPRO-101	OPRO-101	Level 1, 6 x 5mL	1/ea
OPRO-202	OPRO-202	Level 2, 6 x 5mL	1/ea
OPRO-303	OPRO-303	Level 3, 6 x 5mL	1/ea



MAS PTH Control

THERMO SCIENTIFIC - PTH (Parathyroid Hormone) is commonly tested to assess calcium regulation in blood. The MAS PTH Control offers three distinct PTH levels for evaluation of automated PTH methods across the assay range. Provided in a liquid format for ease of use, the MAS PTH Control offers 10 days open vial stability when stored at 2°C to 8°C. Value assignment is provided for the key automated PTH methods available in today's clinical laboratory.

Cat. No.	Mfr. No.	Description	Qty.
PTH-MP	PTH-MP	Multi-pack, tri-level, 6 x 3mL	1/ea



MAS T-Marker

THERMO SCIENTIFIC - This liquid, assayed, multi-analyte control is designed to monitor performance of various cancer antigen tests on automated instruments, such as Abbott Architect®, Beckman Access/Dxl®, Ortho Vitros ECI®, Roche Modular Elesys®, Siemens Advia Centaur® and Immulite® and Tosoh AIA 600II®. No additional preparation steps are required for these ready-to-use products.

Cat. No.	Mfr. No.	Description	Qty.
TUM-101	TUM-101	Level 1, 6 x 3mL	1/ea
TUM-202	TUM-202	Level 2, 6 x 3mL	1/ea
TUM-303	TUM-303	Level 3, 6 x 3mL	1/ea



We help you
GET YOUR RESULTS

Controls

Toxicology



MAS Alcohol/Ammonia

THERMO SCIENTIFIC - An assayed bi-level control for monitoring ethanol and ammonia levels in serum. This ready-to-use product is packed in convenient multi-packs and has been assayed for most major instruments. Normal ammonia values in level 1.

Cat. No.	Mfr. No.	Description	Qty.
AAC-MP	AAC-MP	Multi-pack, bi-level, 6 x 3.5mL	1/ea



MAS Alcohol/Ammonia for Vista®

THERMO SCIENTIFIC - Designed specifically for use with the Siemens Dimension Vista® instrumentation. Fully validated onboard QC stability claims provide assurance that long-term quality assurance is maintained when performing routine quality control in the Dimension Vista® instrument.

Cat. No.	Mfr. No.	Description	Qty.
10014443	10014443	Multi-pack, bi-level, 6 x 2mL	1/ea



MAS DOA Total

THERMO SCIENTIFIC - This multi-constituent urine toxicology control offers 19 analytes with 4 distinct levels at drug concentrations 25% below and above commonly used screening and SAMHSA* cutoffs. A drug-free level and high positive level are also available (6 levels total). The control is a liquid, ready-to-use product available for use on a variety of instrument platforms. Each level of control is individually packed, which gives you the flexibility to choose your levels according to your drug screen panel cutoffs while keeping the number of control vials to a minimum.

Cat. No.	Mfr. No.	Description	Qty.
DOAT-1	DOAT-1	Level 1, 6 x 18mL	1/ea
DOAT-2	DOAT-2	Level 2, 6 x 18mL	1/ea
DOAT-3	DOAT-3	Level 3, 6 x 18mL	1/ea
DOAT-4	DOAT-4	Level 4, 6 x 18mL	1/ea
DOAT-5	DOAT-5	Level 5, 6 x 18mL	1/ea
DOAT-6	DOAT-6	Level 6, 6 x 18mL	1/ea
DOAT-MP	DOAT-MP	Multi-pack, 1 bottle per level, 18mL	1/ea

*Substance Abuse and Mental Health Services Administration (SAMHSA)

MAS Tox Control

THERMO SCIENTIFIC - This multi-analyte control is developed for use with the Thermo Scientific™ MAS Toxicology immunoassays for the semi-quantitative measurement of barbiturates, benzodiazepine and tricyclic antidepressants in either serum or plasma.



Cat. No.	Mfr. No.	Description	Qty.
10011608	10011608	Multi-pack, tri-level, 6 x 5mL	1/ea

Cytology/Histology

Cytology Supplies/Microtome Blades



CH4200-602

SP4200-597
Single funnelSP4200-595
Double funnel

Disposable Cytology Funnel with Funnel Clips

CARDINAL HEALTH - These cytofunnels with disposable clip are fully compatible with the Shandon Cytospin Centrifuge and are a functional equivalent to the Shandon EZ Cytofunnel®. The plastic clips hold cytology funnels firmly against a microscope slide during the centrifugation process. These high-quality funnels can be used to deposit a thin layer of cells in a clearly defined area of a microscope slide. The single-use filter card effectively absorbs any excess fluid. Single funnel SP4200-598 includes brown filter card to facilitate slower absorption of sparse samples.

- **Reliable Performance** – complete system is fully compatible for use with the Shandon Cytospin® centrifuge.
- **Easy to use** – disposable clips offer reliable performance and improved efficiencies—eliminates the time required to sanitize metal clips.
- **Savings** – cytofunnels and clips are high quality and a lower cost alternative to other cytology funnel systems.

Cytospin and Cytofunnel are registered trademarks of Thermo Electron Corp.

Cat. No.	Description	Qty.
Funnel Clip		
CH4200-602	Disposable cytology funnel clip	50/pk
Single funnels		
SP4200-597	With white filter card	50/pk
SP4200-599	With white filter card, bulk pack	500/cs
SP4200-598	With brown filter card	50/pk
Double funnels		
SP4200-595	With white filter card	25/pk
SP4200-596	With white filter card, bulk pack	500/cs
Cytology funnels with clip		
SP597CLIP	Single funnel with clip, white card	50/bx
SP598CLIP	Single funnel with clip, brown card	50/bx
SP595CLIP	Double funnel with clip, white card	25/bx

Histological Freezing Spray

CARDINAL HEALTH - This moisture-free and non-flammable freezing spray is used to "flash freeze" tissue specimens in the cryostat or harden difficult-to-cut tissue on the microtome during sectioning. Optimal functional design: variable pressure trigger and capillary nozzle enables precise cooling or freezing of tissue and helps prevent over-cooling of specimen. Does not contain any chlorofluorocarbons (CFCs) or hydrofluorocarbons (HFCs)

Cat. No.	Description	Qty.
CH7154	Freezing spray - 11 oz.	12/cs



To order, call: 800.964.5227

cardinalhealth.com

Lab Wipes

CARDINAL HEALTH - Highly absorbent and low linting, these wipes are ideal for general cleanup around the lab. They can also be used as an absorbent surface for cover slipping or for extra protection in your pathology lab during grossing. Safe for delicate surfaces. Packaged in bags of 50.



Cat. No.	Description	Qty.
CHLW3900	Lab Wipes - 12 x 13 in.	50/pk, 18 pk/cs



Economy and Premium Microtome Blades

CARDINAL HEALTH - These blades utilize high grade steel, employ advanced machinery with multi-phased processes, and test using composition analyses to ensure quality performance. Economy disposable microtome blades for routine sectioning are composed of high-quality stainless steel. Premium disposable microtome blades are used for routine specimens and biopsies; premium high profile blades are chromium plated. Chromium plated enhanced durability blades are used for biopsies and dense tissues. 80mm in length with blade angle of 35°.

Cat. No.	Description	Qty.
Economy blades		
CH8382	Low profile - 8mm width	50/bx, 10 bx/cs
CH8383	High profile - 14mm width	50/bx, 10 bx/cs
Premium blades		
CH3489	Low profile - 8mm width	50/bx, 10 bx/cs
CH3497	Low profile enhanced durability - 8mm width	50/bx, 10 bx/cs
CH3491	High profile - 14mm width	50/bx, 10 bx/cs

Cytology/Histology

Molds/Paraffin and Paraffin Wax Dispenser



Disposable Base Molds

CARDINAL HEALTH - Use plastic base molds for applications in specimen embedding. These molds help avoid reprocessing associated with metal molds.

Cat. No.	Description	Qty.
M7307-1	7 x 7mm	500/cs
M7307-2	15 x 15mm	500/cs
M7307-3	24 x 24mm	500/cs
M7307-4	30 x 24mm	500/cs
M7307-5	37 x 24mm	500/cs

Ameraffin® LP Tissue Embedding Medium

CARDINAL HEALTH - Use Ameraffin® LP medium for embedding and infiltration. This blend of highly refined paraffin with a low concentration of polymers minimizes infiltration time while allowing thin sections to be cut. Ameraffin® LP medium provides consistent morphology with minimal compression and cell disruption. It melts uniformly from 55° to 57°C. Free-formed flakes are packaged in 2 lbs. bag.



Cat. No.	Description	Qty.
M7347-1	LP tissue embedding medium	10/cs

Ameraffin® Tissue Embedding Medium

CARDINAL HEALTH - Ameraffin® tissue embedding medium combines highly refined paraffin having narrow carbon-chain distribution with polymers to provide minimal compression and ultrathin sections. Quality ribbons of flat, thin sections highlight morphological detail. You can use Ameraffin® medium for both embedding and infiltrating. You can also substitute it for an existing embedding medium with little or no change in methodology. An antioxidant has been added to help prevent discoloration and inhibit stain fading. Melts uniformly from 55°C to 57°C. 2 lbs. bag.



Cat. No.	Description	Qty.
M7346-1A	Tissue embedding medium	10/cs

Ameriplast™ Paraffin

CARDINAL HEALTH - Made of paraffin and plastic polymers, these three Ameriplast™ paraffins deliver excellent processing and yield thin, flat and wrinkle-free sections. They were developed to meet the demanding and versatile needs of a laboratory.

Paraffin T8331 contains DMSO to improve infiltration rate. Paraffin T8332 consists of a blend of low molecular weight paraffin and polymers to reduce melting point, which protects tissues from excessive temperature during processing. All paraffin supplied in bags of 1kg. Eight bags of paraffin per case.



Cat. No.	Description	Melting Point	Qty.
T8330	Processing and embedding	56°C (133°F)	8/cs
T8331	Improved infiltration	56°C (133°F)	8/cs
T8332	Low melting point	50° to 54°C (122° to 129°F)	8/cs

Paraffin Wax Dispenser

CARDINAL HEALTH - This paraffin wax dispenser has a small, compact footprint with a capacity of 5L (approximately 1.25 gallons). Heated valve helps ensure a consistent flow of molten wax and the dispenser valve can be locked in the open position if desired. Aluminum inner reservoir provides excellent thermal transfer and temperature control. Also helps to prevent large particulates from clogging the dispenser valve. Stainless steel outer housing. Standard 2-year manufacturer's warranty.



Specifications:

Overall dimensions (W x H)..... 8.5 x 16 in. (21.6 x 40.6cm)
Temperature range..... 40°C to 75°C ± 2°C
Approvals certified..... UL61010-1 and CSA C22.2 standards
Electrical..... 115VAC, 50/60 Hz, 250 W

Cat. No.	Description	Qty.
M7654-8	Paraffin wax dispenser	1/ea

Surgical Blades/Tissue Cassettes and Accessories

Surgical Blades

CARDINAL HEALTH - These high-quality, stainless steel surgical blades are available in a variety of sizes, sterile and nonsterile. Blades are individually-wrapped.



Cat. No.	Blade No.	Length	Qty.
Sterile blades			
D2862-10A	10	1 5/8 in.	144/cs
D2862-11A	11	1 3/4 in.	144/cs
D2862-12A	12	1 1/2 in.	144/cs
D2862-15A	15	1 1/2 in.	144/cs
D2862-20A	20	1 3/4 in.	144/cs
D2862-21A	21	2 in.	144/cs
D2862-22A	22	2 1/4 in.	144/cs
D2862-23A	23	2 in.	144/cs
Nonsterile blades			
D2863-10	10	1 5/8 in.	12/pk, 144/cs
D2863-11	11	1 3/4 in.	12/pk, 144/cs
D2863-12	12	1 1/2 in.	12/pk, 144/cs
D2863-15	15	1 1/2 in.	12/pk, 144/cs
D2863-20	20	1 3/4 in.	12/pk, 144/cs
D2863-21	21	2 in.	12/pk, 144/cs
D2863-22	22	2 1/4 in.	12/pk, 144/cs
D2863-23	23	2 in.	12/pk, 144/cs
D2863-60	60	2 3/4 in.	12/pk, 144/cs



Biopsy Cassettes

CARDINAL HEALTH - The efficient flow-through slots maximize fluid exchange and ensure proper drainage. The one-piece integral lid eliminates the need for separate steel lids. The snap-latch and hinge-lock design prevent early separation of base and lid and allow for one-handed operation. Anterior writing area is at a 35° angle.

Cat. No.	Description	Qty.
CH50612A	Aqua	500/bx, 3 bx/cs
CH5066B	Blue	500/bx, 3 bx/cs
CH5069GY	Gray	500/bx, 3 bx/cs
CH5064G	Green	500/bx, 3 bx/cs
CH50610L	Lilac	500/bx, 3 bx/cs
CH50611O	Orange	500/bx, 3 bx/cs
CH5067PE	Peach	500/bx, 3 bx/cs
CH5063P	Pink	500/bx, 3 bx/cs
CH5068T	Tan	500/bx, 3 bx/cs
CH5062W	White	500/bx, 3 bx/cs
CH5065Y	Yellow	500/bx, 3 bx/cs

Foam Biopsy Pad

CARDINAL HEALTH - Use these 1 1/4 x 1 x 1/8 in. foam pad to hold small biopsies in place during processing and for storage when using tissue cassettes. Medium blue color assists with tissue visibility. Pad is compatible with all histology solvents, except Helly's fixative.



Cat. No.	Description	Qty.
M7325-1A	Foam biopsy pad	500/bg

Embedding Cassettes

CARDINAL HEALTH - Cassettes are suitable for holding and identifying tissue samples in processing, embedding, and sectioning procedures. These cassettes are designed to accept standard metal lids CH481. The slanted writing surface accepts markings easily.



Cat. No.	Description	Qty.
CH480-6B	Blue	500/bx, 3 bx/cs
CH480-4G	Green	500/bx, 3 bx/cs
CH480-3P	Pink	500/bx, 3 bx/cs
CH480-2W	White	500/bx, 3 bx/cs
CH480-5Y	Yellow	500/bx, 3 bx/cs
CH481	Stainless steel lid for CH480 series	25/cs



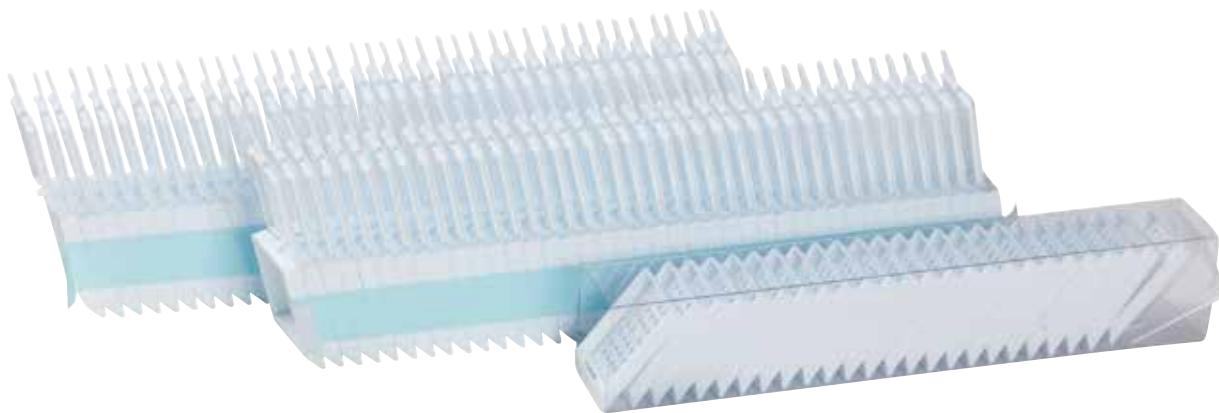
Processing Cassettes

CARDINAL HEALTH - Cassettes are one piece with frangible hinges for easy lid removal, a 45° writing surface and a secure latch closure.

Cat. No.	Description	Qty.
CH39LC3	Aqua	1,000/cs
CH39LC2	Blue	1,000/cs
CH39LC8	Gold	1,000/cs
CH39LC11	Gray	1,000/cs
CH39LC4	Green	1,000/cs
CH39LC5	Lilac	1,000/cs
CH39LC7	Orange	1,000/cs
CH39LC6	Pink	1,000/cs
CH39LC10	Tan	1,000/cs
CH39LC1	White	1,000/cs
CH39LC9	Yellow	1,000/cs

Cytology/Histology

Tissue Cassettes - Taped and Tubed



Taped Biopsy and Histology Cassettes

CARDINAL HEALTH - Taped Cassettes are easy to load on the Leica IPC Cassette Printer and Sakura Tissue-Tek® AutoWrite® Cassette Printer. Anterior writing area is at a 45° angle.

Cat. No.	Description	Qty.
Taped Biopsy Cassettes		
CH8087BB	Blue	40/sl, 1,000/cs
CH8172BG	Gray	40/sl, 1,000/cs
CH8174BG	Green	40/sl, 1,000/cs
CH8045BR	Pink	40/sl, 1,000/cs
CH8090BO	Orange	40/sl, 1,000/cs
CH8086BW	White	40/sl, 1,000/cs
CH8088BY	Yellow	40/sl, 1,000/cs
Taped Histology Cassettes		
CH8119UA	Aqua	40/sl, 1,000/cs
CH8118UB	Blue	40/sl, 1,000/cs
CH8156UG	Gold	40/sl, 1,000/cs
CH8180UGY	Gray	40/sl, 1,000/cs
CH8120UG	Green	40/sl, 1,000/cs
CH8153UL	Lilac	40/sl, 1,000/cs
CH8155UO	Orange	40/sl, 1,000/cs
CH8154UP	Pink	40/sl, 1,000/cs
CH8170UT	Tan	40/sl, 1,000/cs
CH8117UW	White	40/sl, 1,000/cs
CH8157UY	Yellow	40/sl, 1,000/cs

Tubed Embedding Cassettes

CARDINAL HEALTH - The efficient flow-through slots maximize fluid exchange and ensure proper reagent drainage.

Cat. No.	Description	Qty.
CH480-6SLB	Blue without lids	75/sl, 10 sl/cs
CH480-4SLG	Green without lids	75/sl, 10 sl/cs
CH480-3SLP	Pink without lids	75/sl, 10 sl/cs
CH480-2SLW	White without lids	75/sl, 10 sl/cs
CH480-5SLY	Yellow without lids	75/sl, 10 sl/cs

Tubed Processing Cassette

CARDINAL HEALTH - Cassette lid can be opened and closed as often as necessary and always relocks securely without danger of specimen loss. Anterior writing area is at a 45° angle.

Cat. No.	Description	Qty.
CH51712SLA	Aqua	75/sl, 10 sl/cs
CH5176SLB	Blue	75/sl, 10 sl/cs
CH5179SLGY	Gray	75/sl, 10 sl/cs
CH5174SLG	Green	75/sl, 10 sl/cs
CH51710SLL	Lilac	75/sl, 10 sl/cs
CH51711SLO	Orange	75/sl, 10 sl/cs
CH5177SLPE	Peach	75/sl, 10 sl/cs
CH5173SLP	Pink	75/sl, 10 sl/cs
CH5178SLT	Tan	75/sl, 10 sl/cs
CH5172SLW	White	75/sl, 10 sl/cs
CH5175SLY	Yellow	75/sl, 10 sl/cs



Deluxe Lighted Tissue Flotation Bath

CARDINAL HEALTH - This deluxe lighted tissue flotation bath helps eliminate wrinkles and distortion during preparation of embedded tissue sections. L.E.D. illuminated black background with transparent PYREX® dish (supplied with bath) allows specimen to be easily seen. Digital microprocessor control with advanced safety over temperature protection. Slide dryer block assists in drying slides and tissue orienter block smooths wrinkled sections. Certified to UL61010-1 and CSA C22.2 standards. Two-year warranty on parts and workmanship.

Specifications:

Dimensions (L x W x H)	14¼ x 14¼ x 4½ in. (36.2 x 36.2 x 11.4cm)
Dryer block	2 x 5 in. (5.1 x 12.7cm)
Orienter block	2 x 2 in. (5.1 x 5.1cm)
Temperature accuracy.....	±1°C
Temperature uniformity.....	at 55°C ±1°C
Dryer block temperature	40°C ±3°C
Orienter block temperature	55°C ±3°C
Approvals certified.....	to UL 61010-1 and CSA-C22.2
Electrical.....	115 VAC, 50/60Hz, 272W

PYREX® is a registered trademark of Corning Inc.

Cat. No.	Description	Qty.
M7654-5A	Deluxe lighted tissue flotation bath	1/ea



Lighted Tissue Flotation Bath

CARDINAL HEALTH - This lighted tissue flotation bath helps eliminate wrinkles and distortion during preparation of embedded tissue sections. L.E.D. illuminated black background with transparent PYREX® dish (supplied with bath) allows specimen to be easily seen. Digital microprocessor control with advanced safety over temperature protection. Certified to UL61010-1 and CSA C22.2 standards. Two-year warranty on parts and workmanship.

Specifications:

Dimensions (L x W x H)	14¼ x 14¼ x 4½ in. (36.2 x 36.2 x 11.4cm)
Temperature accuracy.....	±1°C
Temperature uniformity.....	at 55°C ±1°C
Approvals certified.....	to UL 61010-1 and CSA-C22.2
Electrical.....	115 VAC, 50/60Hz, 272W

PYREX® is a registered trademark of Corning Inc.

Cat. No.	Description	Qty.
M7654-1A	Lighted tissue flotation bath, 115 VAC	1/ea

Standard Tissue Bath

CARDINAL HEALTH - This standard tissue bath features rapid heat up and is supplied with a bath cover and thermometer holder. The edge serves as a drying surface for slides. Equipped with on/off switch, pilot light, thermostat and non-skid rubber feet. Surface is black porcelain enamel-coated steel.

Specifications:

Dimensions (W x H)	11 x 3¾ in. (27.9 x 9.2cm)
Rim (width)	1¼ in. (3.2cm)
Capacity	1L (1 in. from top)
Temperature range.....	35°C to 65°C
Electrical.....	115 VAC, 50/60Hz, 190W



Cat. No.	Description	Qty.
M7655A	Standard tissue flotation bath	1/ea

Dry Baths

Digital Dry Baths and Blocks



Digital Dry Baths

CARDINAL HEALTH - This series of digital dry baths offer control over both temperature and time, eliminating the need for an external thermometer or timer. Available in three configurations, these digital dry baths offer capacity up to four blocks. Extremely space efficient—the four-block model can accommodate up to 96 x 1.5mL tubes in less than a square foot of bench space.

The aluminum block cavities are precision machined to match the conical shape of 0.5, 1.5, 2.0, 15 and 50mL tubes, providing unsurpassed temperature uniformity. Assorted blocks are available for compatibility with nearly all common tube sizes.

Built-in user recalibration function guarantees long-term temperature accuracy. Each dry bath includes an easy-to-use block lifter with a temperature insulated handle for quick, convenient exchange of blocks... even while they're still hot.

Specifications:

Temperature range.....	Ambient +5 to 150°C - single, double block Ambient +5 to 130°C - four block
Temperature resolution	0.1°C
Temperature accuracy.....	±0.2°C
Temperature increments	0.1°C
Temperature uniformity.....	±0.2°C
Timer.....	1 to 999 minutes
Dimensions (W x D x H)	Single block - 7.8 x 9 x 3.2 in. (20 x 23 x 8cm), double block - 8.7 x 10.3 x 3.2 in. (22 x 2 x 8cm) Four block - 8.7 x 14 x 3.2 in. (22 x 35.5 x 8cm)
Chamber	Fast heating aluminum
Electrical.....	115V or 230V, 50-60Hz

Cat. No.	Description	Qty.
Digital dry baths		
CH1001	Single block	1/ea
CH1002	Double block	1/ea
CH1004	Four block	1/ea
Blocks		
CHBSW01-DR	Custom drilling for CHBSW01 – 36 holes maximum	1/ea
CHBSW02	48 x 0.2mL tubes or 6 PCR tube strips	1/ea
CHBSW05	24 x 0.5mL	1/ea
CHBSW15	12 x 15mL (block height is 3.25 in)	1/ea
CHBSW1500	24 x 1.5mL	1/ea
CHBSW1520	24 x 1.5/2.0mL	1/ea
CHBSW156	12 x 15mm-16mm (or 12 x 10mL)	1/ea
CHBSW10	20 x 10mm (or 20 x 2.0mL)	1/ea
CHBSW13	20 x 13mm (or 20 x 5/7mL)	1/ea
CHBSW5MT	12 x 5.0mL	1/ea
CHBSW50	5 x 50mL (block height is 3.25 in)	1/ea
CHBSWPCR1	1 x 96-well PCR Plate (for 1 block model)	1/ea
CHBSWPCR2	1 x 96-well PCR Plate (for 2 & 4 block models)	1/ea
CHBSWMT	1 x Micro titer plate (for 2 and 4 block models)	1/ea
CHBSW01	Solid – for slides or custom machining	1/ea

Digital Dry Baths with Removable Hinged Lid

CARDINAL HEALTH - This next generation of digital dry baths offers advanced microprocessor controls and timed or continuous operation. They also feature a transparent, removable, hinged lid that helps promote better uniformity and less temperature stratification in the block by maintaining a warm air layer. The hinged lid also helps to reduce energy consumption by minimizing heat loss to the environment. It can be flipped open (to the rear) or easily removed (lifted off) to accommodate taller tubes. Both single and dual block models can be ordered in a configuration that includes the unique combination blocks (CHBSWCMB). These universal blocks accept tubes from 0.5 to 2.0mL and, with a quick flip to the other side, accommodate 0.2mL tubes, PCR strips or (in the dual block model only) a PCR plate. Other blocks are available for tubes up to 50mL.

Specifications:

Temperature range	Ambient +5 to 105°C
Temperature accuracy.....	±0.1°C
Temperature uniformity.....	±0.2°C
Temperature increments	0.1°C
Timer.....	1 minute to 99 hours and 59 minutes
Dimensions (W x D x H)	Single chamber - 7 x 10 x 5 in. (18 x 25 x 13cm), dual chamber - 6.3 x 14 x 5 in. (16 x 36.5 x 13cm)
Weight	10 lbs. (4.5kg)
Electrical.....	115V or 230V, 50-60Hz



Cat. No.	Description	Qty.
Digital dry baths		
CHH5001	Single chamber without block	1/ea
CHH5002	Dual chamber without blocks	1/ea
CHH50011B	Single chamber with one block (CHBSWCMB) for tubes 0.2 to 2.0mL and PCR strips	1/ea
CHH50022B	Dual chamber with two blocks (CHBSWCMB) for tubes 0.2 to 2.0mL and PCR strips and PCR plate	1/ea
CHH6000	Dual chamber with independent controls	1/ea
Blocks		
CHBSWCMB	Combination block Side one holds - 24 x 1.5mL/2.0mL and 14 x 0.5 mL Side two holds - 6 x PCR strips, 48 x 0.2mL or one PCR plate*	1/ea
CHBSW1500	24 x 1.5mL	1/ea
CHBSW1520	24 x 1.5/2.0mL	1/ea
CHBSW05	24 x 0.5mL	1/ea
CHBSW10	20 x 10mm (or 20 x 2.0mL)**	1/ea
CHBSW13	20 x 13mm (or 20 x 5/7mL)**	1/ea
CHBSW1516	12 x 15mm-16mm (or 12 x 10mL)	1/ea
CHBSW02	48 x 0.2mL tubes or 6 PCR tube strips	1/ea
CHBSW15	12 x 15mL**	1/ea
CHBSW50	5 x 50mL**	1/ea
CHBSWPCR1	1 x 96-well PCR Plate	1/ea
CHBSWPCR2	1 x 96-well PCR Plate (for dual chamber models)	1/ea
CHBSWMT	1 x Micro titer plate (for dual chamber models)	1/ea
CHBSW01	Solid – for slides or custom machining	1/ea

*Two blocks required for use with PCR plates

**Tall block (3.25 in), height prevents use with lid

General Supplies

Cleaning Supplies/Clocks



Cotton Cheesecloth Wipes

CARDINAL HEALTH - 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

Traceable® Digital Radio Atomic Wall Clock

CARDINAL HEALTH - This 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 2½ 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/IEC 17025 calibration laboratory accredited by A2LA.



Cat. No.	Description	Qty.
C6511-8	Traceable® digital radio atomic wall clock	1/ea

Traceable® Radio-Controlled Atomic Clock

CARDINAL HEALTH - This 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 ½ in.-high. To assure accuracy, an individually serial-numbered Traceable® certificate is provided from an ISO/IEC 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/Calendar

CARDINAL HEALTH - This combination clock/thermometer/calendar integrates a clock function, room temperature monitor and perpetual calendar all in one. Featuring easy-to-read 2½ 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/IEC 17025 calibration laboratory accredited by A2LA. It indicates traceability to standards provided by N.I.S.T. Dimensions: 9¼ x 10 x 1 in. Weight: 19 oz.



Cat. No.	Description	Qty.
C6511-5A	Traceable® clock/thermometer/calendar	1/ea

Timing is everything ...
call today for **prompt shipments** of
your laboratory supplies.

Traceable® is a registered trademark of Control Company.

General Supplies

Clocks/Controllers/Counters



Traceable® Wall Clock

CARDINAL HEALTH - Tell time up to the second with this 12 in.-diameter wall clock. The serial-numbered clock is individually-calibrated against N.I.S.T. traceable equipment and an ISO/IEC 17025 individual Traceable® certificate is provided.

Cat. No.	Description	Qty.
C6511-4	Traceable® wall clock	1/ea



Traceable® Wall Clock/ Thermometer/Humidity

CARDINAL HEALTH - This 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°F to 116°F and -37°C 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 a ISO/IEC 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® Single-Outlet Controller

CARDINAL HEALTH - This 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/IEC 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



Hand Tally Counter

CARDINAL HEALTH - This four-digit hand tally counter records to 9,999. White numerals are on a black background behind a protective glass window. Features include heavy-duty, chrome-finish case with hinged finger loop and reset button for return to zero. Thumb pressure on the button produces an audible click. 1¾ dia. x 1⅛ in. W. Net wt. 3 oz.

Cat. No.	Description	Qty.
B4117-1	Hand tally counter	1/ea

Traceable® is a registered trademark of Control Company.

To order, call: 800.964.5227

cardinalhealth.com

 CardinalHealth™

General Supplies

Filter Papers - Qualitative

Qualitative Cellulose Filter Papers

CARDINAL HEALTH - Qualitative cellulose filter papers perform separation by entrapping particulate within the random matrix of cellulose fibers within the depth of the media. This media is widely used in methods requiring the determination and identification of particulate in both liquids and gas. Also, this natural fiber filter paper is commonly used to clarify liquid samples.



Qualitative grade applications and descriptions:

CFP1 grade

Very widely used filter media demonstrating retention of approximately 11 µm and medium flow rate. Used in a broad range of laboratory and environmental applications, this media is ideally suited in separating lead sulfate, calcium carbonate and calcium oxalate precipitates. This media is the standard for agricultural procedures such as soil and seed sample testing. Also, it is commonly used as a separation media in the food and beverage industry to extract liquids from solid samples.

Due to the consistent bright white color of this media, it is ideal for photometric stain intensity measurement of air samples. The media can also be impregnated with reagents for use in quantifying optical reflectance in gas detection procedures.

CFP2 grade

A more retentive and absorbent media than CFP1, with approximately 8 µm and a medium to slow flow rate. This media is ideal for general filtration and absorbent conveyance. Commonly used in plant growth trials and monitoring pre-isolated contaminants in air and gas.

CFP4 grade

The fastest flow rate demonstrated by any of the qualitative cellulose filter medias resulting in a low retention rate of approximately 25 µm. Very commonly used as the first media in a multi-stage filtration process. Ideally suited for use in organic extractions and biological fluid separation processes. Often specified in air monitoring applications where the entrapment of fine particulate is not required.

CFP5 grade

Filtration of very fine particulate and clarification with applications in environmental sciences and chemical analysis.

CFP200 grade

Pure cotton 1-5 micron retention, slow flow, smooth surface.

CFP201 grade

Pure cotton 7-14 micron, medium flow, smooth surface.

CFP202 grade

Cotton with strengthening agent, 15-19 micron retention, medium-fast flow, crepe surface.

CFP226 grade

Cotton with strengthening agent, 20-25 micron retention, fast flow, crepe surface.

CFP230 grade

Cotton with strengthening agent, 30 micron retention, very fast flow, crepe surface.

CFP802 grade

Cotton with strengthening agent, 15 micron retention, fast flow, crepe surface, fluted folds.

Use the terms below to help you select the type of filter paper that will best meet your needs.

Terms

- **Furnish:** The raw materials used in the manufacture of the wet laid product.
- **Ash content:** Dry method, determined in exposure at 900°C air in muffle furnace.
- **Retention:** Nominal retention of particulate at 98% efficiency in liquid.
- **Flow:** Liquid flow rate speed relative to other comparable products listed in this product alignment.
- **Basis weight:** Nominal weight of material per meter² indicated "gram weight" unit of measure at 8% moisture.
- **Thickness:** As measured under 4 PSI using TAPPI method T411.
- **Flat/fluted:** Flat stock is supplied as sheets, rolls or die cut parts. Fluted is 1/4 or 1/2 quadrant funnel folding.
- **Surface:** Stated as relative to comparable products listed in this product alignment.
- **Brightness:** Stated as relative to comparable products listed in this product alignment.

Cat. No.	Description	Furnish	Ash Content (%)		Retention	Flow	Basis Weight (g/m ²)				Thickness (mm)	Flat/Fluted	Surface	Brightness
			11 µm	25 µm			86	0.2	Flat	Smooth				
Qualitative filter papers														
CFP1 grade														
CHFP1159	4.25cm 11 micron	Cotton	0.05	11 µm	Medium	86	0.2	Flat	Smooth	Bright white				
CHFP1160	5.5cm 11 micron	Cotton	0.05	11 µm	Medium	86	0.2	Flat	Smooth	Bright white				
CHFP1161	7cm 11 micron	Cotton	0.05	11 µm	Medium	86	0.2	Flat	Smooth	Bright white				
CHFP1162	9cm 11 micron	Cotton	0.05	11 µm	Medium	86	0.2	Flat	Smooth	Bright white				
CHFP1163	11cm 11 micron	Cotton	0.05	11 µm	Medium	86	0.2	Flat	Smooth	Bright white				
CHFP1164	12.5cm 11 micron	Cotton	0.05	11 µm	Medium	86	0.2	Flat	Smooth	Bright white				
CHFP1165	15cm 11 micron	Cotton	0.05	11 µm	Medium	86	0.2	Flat	Smooth	Bright white				
CHFP1166	18.5cm 11 micron	Cotton	0.05	11 µm	Medium	86	0.2	Flat	Smooth	Bright white				
CHFP1168	24cm 11 micron	Cotton	0.05	11 µm	Medium	86	0.2	Flat	Smooth	Bright white				
CHFP1169	27cm 11 micron	Cotton	0.05	11 µm	Medium	86	0.2	Flat	Smooth	Bright white				
CHFP1170	32cm 11 micron	Cotton	0.05	11 µm	Medium	86	0.2	Flat	Smooth	Bright white				

continued on next page

General Supplies

Filter Papers - Qualitative

Cat. No.	Description	Furnish	Ash Content (%)		Retention	Flow	Basis Weight (g/m ²)	Thickness (mm)	Flat/ Fluted	Surface	Brightness									
			8 µm	15 µm																
Qualitative filter papers																				
CFP2 grade																				
CHFP1171	4.25cm 8 micron	Cotton	0.05	8 µm	Medium-Slow	101	0.17	Flat	Smooth	Bright white										
CHFP1172	5.5cm 8 micron	Cotton	0.05	8 µm	Medium-Slow	101	0.17	Flat	Smooth	Bright white										
CHFP1173	7cm 8 micron	Cotton	0.05	8 µm	Medium-Slow	101	0.17	Flat	Smooth	Bright white										
CHFP1175	11cm 8 micron	Cotton	0.05	8 µm	Medium-Slow	101	0.17	Flat	Smooth	Bright white										
CHFP1177	15cm 8 micron	Cotton	0.05	8 µm	Medium-Slow	101	0.17	Flat	Smooth	Bright white										
CHFP1180	32cm 8 micron	Cotton	0.05	8 µm	Medium-Slow	101	0.17	Flat	Smooth	Bright white										
CHFP1099	Pleated 32cm 8 micron	Cotton	0.05	8 µm	Medium-Slow	101	0.17	Flat	Smooth	Bright white										
CFP4 grade																				
CHFP1184	9cm 25 micron	Cotton	0.05	25 µm	Fast	94	0.21	Flat	Smooth	Bright white										
CHFP1185	11cm 25 micron	Cotton	0.05	25 µm	Fast	94	0.21	Flat	Smooth	Bright white										
CHFP1186	12.5cm 25 micron	Cotton	0.05	25 µm	Fast	94	0.21	Flat	Smooth	Bright white										
CHFP1004	24cm 25 micron	Cotton	0.05	25 µm	Fast	94	0.21	Flat	Smooth	Bright white										
CHFP1005	27cm 25 micron	Cotton	0.05	25 µm	Fast	94	0.21	Flat	Smooth	Bright white										
CHFP1006	32cm 25 micron	Cotton	0.05	25 µm	Fast	94	0.21	Flat	Smooth	Bright white										
CFP5 grade																				
CHFP1067	7cm 2.5 micron	Cotton	0.05	2.5 µm	Slow	97	0.195	Flat	Smooth	Bright white										
CHFP1068	11cm 2.5 micron	Cotton	0.05	2.5 µm	Slow	97	0.195	Flat	Smooth	Bright white										
CFP200 grade																				
CHFP1086	9cm 1-5 micron	Cotton	0.1	1-5 µm	Slow	95	0.17	Flat	Smooth	White-High										
CFP201 grade																				
CHFP1088	9cm 7-14 micron	Cotton	0.1	7-14 µm	Medium-Slow	70	0.16	Flat	Smooth	White-High										
CHFP1070	11cm 7-14 micron	Cotton	0.1	7-14 µm	Medium-Slow	70	0.16	Flat	Smooth	White-High										
CHFP1073	12.5cm 7-14 micron	Cotton	0.1	7-14 µm	Medium-Slow	70	0.16	Flat	Smooth	White-High										
CHFP1077	15cm 7-14 micron	Cotton	0.1	7-14 µm	Medium-Slow	70	0.16	Flat	Smooth	White-High										
CHFP1081	24cm 7-14 micron	Cotton	0.1	7-14 µm	Medium-Slow	70	0.16	Flat	Smooth	White-High										
CHFP1084	33cm 7-14 micron	Cotton	0.1	7-14 µm	Medium-Slow	70	0.16	Flat	Smooth	White-High										
CFP202 grade																				
CHFP1089	9cm 15-19 micron	Cotton/Binder	N/A	15-19 µm	Medium Fast	90	0.3	Flat	Crepe	White-Low										
CHFP1071	11cm 15-19 micron	Cotton/Binder	N/A	15-19 µm	Medium Fast	90	0.3	Flat	Crepe	White-Low										
CHFP1074	12.5cm 15-19 micron	Cotton/Binder	N/A	15-19 µm	Medium Fast	90	0.3	Flat	Crepe	White-Low										
CHFP1078	15cm 15-19 micron	Cotton/Binder	N/A	15-19 µm	Medium Fast	90	0.3	Flat	Crepe	White-Low										
CHFP1080	18.5cm 15-19 micron	Cotton/Binder	N/A	15-19 µm	Medium Fast	90	0.3	Flat	Crepe	White-Low										
CHFP1092	25cm 15-19 micron	Cotton/Binder	N/A	15-19 µm	Medium Fast	90	0.3	Flat	Crepe	White-Low										
CHFP1093	33cm 15-19 micron	Cotton/Binder	N/A	15-19 µm	Medium Fast	90	0.3	Flat	Crepe	White-Low										
CFP226 grade																				
CHFP1094	33cm 20-25 micron	Cotton/Binder	N/A	20-25 µm	Fast	70	0.24	Flat	Crepe	Gray-Low										
CFP230 grade																				
CHFP1090	9cm 30 micron	Cotton/Binder	N/A	30 µm	Very Fast	120	0.44	Flat	Crepe	Gray-Low										
CHFP1072	11cm 30 micron	Cotton/Binder	N/A	30 µm	Very Fast	120	0.44	Flat	Crepe	Gray-Low										
CHFP1075	12.5cm 30 micron	Cotton/Binder	N/A	30 µm	Very Fast	120	0.44	Flat	Crepe	Gray-Low										
CHFP1079	15cm 30 micron	Cotton/Binder	N/A	30 µm	Very Fast	120	0.44	Flat	Crepe	Gray-Low										
CHFP1082	24cm 30 micron	Cotton/Binder	N/A	30 µm	Very Fast	120	0.44	Flat	Crepe	Gray-Low										
CHFP1083	25cm 30 micron	Cotton/Binder	N/A	30 µm	Very Fast	120	0.44	Flat	Crepe	Gray-Low										
CHFP1085	33cm 30 micron	Cotton/Binder	N/A	30 µm	Very Fast	120	0.44	Flat	Crepe	Gray-Low										
CFP802 grade																				
CHFP1091	Pleated 12.5cm 15 micron	Cotton/Binder	N/A	15 µm	Fast	70	0.22	Fluted	Crepe	Gray-Low										
CHFP1095	Pleated 18.5cm 15 micron	Cotton/Binder	N/A	15 µm	Fast	70	0.22	Fluted	Crepe	Gray-Low										
CHFP1096	Pleated 24cm 15 micron	Cotton/Binder	N/A	15 µm	Fast	70	0.22	Fluted	Crepe	Gray-Low										
CHFP1098	Pleated 32cm 15 micron	Cotton/Binder	N/A	15 µm	Fast	70	0.22	Fluted	Crepe	Gray-Low										

General Supplies

Filter Papers - Quantitative

Quantitative Cellulose Filter Papers

CARDINAL HEALTH - Quantitative cellulose filter papers are primarily used in gravimetric analysis procedures and perform separations by entrapping particulate within the random matrix of cellulose fibers within the depth of the media. This media family is also widely used in methods to prepare samples for further testing using many types of instrumentation.



These high-quality filter papers are manufactured from refined pulp and alpha linters. They are acid washed and have an extremely low ash content.

Quantitative grade applications and descriptions:

CFP40 grade

Demonstrating medium retention and flow rates, this media is widely used in many general quantitative procedures in both liquid and gas. These procedures include: standard environmental test procedures such as soil sample analysis and the collection of trace elements and radionuclides in air samples. Also used in liquid food tests for determination of sediments, primary analysis of cements and slurries and sample preparation prior to spectrophotometry.

CFP41 grade

Fast flow rates and loose retention characteristics make this grade ideal for initial separation of gelatinous precipitates.

CFP42 grade

This media demonstrates an extremely high retention rate for a cellulose filter media. Its uniquely high retention rate makes it ideal for any gravimetric analysis of very fine precipitates.

CFP44 grade

Very similar to CFP42 but demonstrating a slightly wider retention rate within a similar flow rate. Typically used in the analysis of samples requiring separation of very fine precipitates.

CFP540 grade

Pure cotton, ashless, 7-8micron, medium flow, hardened surface.

Use the terms below to help you select the type of filter paper that will best meet your needs.

Terms

- **Furnish:** The raw materials used in the manufacture of the wet laid product.
- **Ash content:** Dry method, determined in exposure at 900°C air in muffle furnace.
- **Retention:** Nominal retention of particulate at 98% efficiency in liquid.
- **Flow:** Liquid flow rate speed relative to other comparable products listed in this product alignment.
- **Basis weight:** Nominal weight of material per meter² indicated "gram weight" unit of measure at 8% moisture.
- **Thickness:** As measured under 4 PSI using TAPPI method T411.
- **Flat/fluted:** Flat stock is supplied as sheets, rolls or die cut parts. Fluted is 1/4 or 1/2 quadrant funnel folding.
- **Surface:** Stated as relative to comparable products listed in this product alignment.
- **Brightness:** Stated as relative to comparable products listed in this product alignment.

Cat. No.	Description	Furnish	Ash Content (%)	Retention	Flow	Basis Weight (g/m ²)	Thickness (mm)	Flat/Fluted	Surface	Brightness
Quantitative filter paper										
CFP40 grade										
CHFP1008	9cm 8 micron	Cotton/Ashless	<0.01	8 µm	Medium	85	0.2	Flat	Very smooth	Bright white
CHFP1009	11cm 8 micron	Cotton/Ashless	<0.01	8 µm	Medium	85	0.2	Flat	Very smooth	Bright white
CHFP1010	12.5cm 8 micron	Cotton/Ashless	<0.01	8 µm	Medium	85	0.2	Flat	Very smooth	Bright white
CHFP1011	15cm 8 micron	Cotton/Ashless	<0.01	8 µm	Medium	85	0.2	Flat	Very smooth	Bright white
CFP41 grade										
CHFP1015	11cm 20 micron	Cotton/Ashless	<0.01	20 µm	Fast	85	0.22	Flat	Very smooth	Bright white
CFP42 grade										
CHFP1019	4.25cm 2.5 micron	Cotton/Ashless	<0.01	2.5 µm	Slow	140	0.17	Flat	Very smooth	Bright white
CHFP1020	9cm 2.5 micron	Cotton/Ashless	<0.01	2.5 µm	Slow	140	0.17	Flat	Very smooth	Bright white
CFP44 grade										
CHFP1029	11cm 3 micron	Cotton/Ashless	<0.01	3.0 µm	Slow	85	0.165	Flat	Very smooth	Bright white
CFP540 grade										
CHFP1069	2.1cm 7-8 micron	Cotton/Ashless/ Hardened	<0.01	7-8 µm	Medium	85	0.21	Flat	Very smooth	Bright white

Cardinal Health™ Esteem® Stretchy Nitrile I, II and III

Powder-Free Non-Sterile Nitrile Examination Gloves

Esteem® Stretchy Nitrile examination gloves are soft and flexible. The gloves recover shape quickly and effectively mold to the hands for a comfortable fit.

Features and Benefits:

- Available either fingertip textured or fully textured on both fingers and palms for a sure grip, even when wet
- Provide tactile sensitivity while maintaining strength and barrier protection
- Appropriate for those with a natural rubber latex sensitivity



Cardinal Health™ Esteem® Stretchy Nitrile I – Fingertip Textured



- Powder-free
- Not made with natural rubber latex
- Ambidextrous
- Color: Blue
- Nominal fingertip thickness: 4.3 mil (0.11mm)
- Nominal length: 9.8 in. (248mm)

Cat. No.	Size	Qty.
8815NB	X-small	150/bx, 1,500/cs
8816NB	Small	150/bx, 1,500/cs
8817NB	Medium	150/bx, 1,500/cs
8818NB	Large	150/bx, 1,500/cs
8819NB	X-large	130/bx, 1,300/cs
8819NXXB	2X-large	130/bx, 1,300/cs

Cardinal Health™ Esteem® Stretchy Nitrile II – Micro Textured



- Powder-free
- Not made with natural rubber latex
- Ambidextrous
- Color: Light blue
- Nominal fingertip thickness: 4.3 mil (0.11mm)
- Tested for use with various chemicals and chemotherapy drugs¹

Cat. No.	Size	Qty.
8810NB	X-small	150/bx, 1,500/cs
8811NB	Small	150/bx, 1,500/cs
8812NB	Medium	150/bx, 1,500/cs
8813NB	Large	150/bx, 1,500/cs
8814NB	X-large	130/bx, 1,300/cs
8814NXXB	2X-large	130/bx, 1,300/cs

Cardinal Health™ Esteem® Stretchy Nitrile III – Fingertip Textured



- Powder-free
- Not made with natural rubber latex
- Ambidextrous
- Color: Teal blue
- Nominal fingertip thickness: 4.7 mil (0.12mm)
- Tested for use with various chemicals and chemotherapy drugs¹

Cat. No.	Size	Qty.
8854NNSB	X-small	150/bx, 1,500/cs
8855NNSB	Small	150/bx, 1,500/cs
8856NMB	Medium	150/bx, 1,500/cs
8857NLB	Large	150/bx, 1,500/cs
8858NXLB	X-large	130/bx, 1,300/cs
8859NXXB	2X-large	130/bx, 1,300/cs

¹**Caution:** Gloves used for protection against chemotherapy drug and laboratory chemical exposure should be selected specifically for the type of chemicals being used. Note: Review Safety Data Sheets (SDS) for the chemicals/drugs being used to determine required level of protection.

General Supplies

Gloves

Cardinal Health™ Esteem® Tru-Blu™ Stretchy Nitrile Powder-Free Non-Sterile Nitrile Examination Gloves

Esteem® Tru-Blu™ Stretchy Nitrile examination gloves are soft and flexible. They deliver freedom of movement and tactile sensitivity.

Features and Benefits:

- Microtextured for a secure grip, even when wet
- Stretchy nitrile material for ease of donning
- Appropriate for those with a natural rubber latex sensitivity
- Tested for use with various lab chemicals and chemotherapy drugs¹



- Powder-free
- Not made with natural rubber latex
- Ambidextrous
- Color: Blue
- Nominal fingertip thickness: 5.1 mil (0.13mm)

Cat. No.	Size	Qty.
8895N	X-small	100/bx, 1,000/cs
8896N	Small	100/bx, 1,000/cs
8897N	Medium	100/bx, 1,000/cs
8898N	Large	100/bx, 1,000/cs
8899N	X-large	90/bx, 900/cs
8899NX	2X-large	90/bx, 900/cs

Cardinal Health™ Esteem® XP

Powder-Free Non-Sterile Nitrile Examination Gloves

Esteem® XP examination gloves feature a long, beaded cuff that safeguards the hand and wrist against spills and splashes while assisting in easy donning and inhibiting roll-down.

Features and Benefits:

- Provides tactile sensitivity while maintaining strength and barrier protection
- Smooth finish
- Extended cuff provides additional protection in high-risk areas
- Appropriate for those with a natural rubber latex sensitivity
- Tested for use with various lab chemicals and chemotherapy drugs¹



- Powder-free
- Not made with natural rubber latex
- Ambidextrous
- Color: Blue
- Nominal fingertip thickness: 5.5 mil (0.14mm)

Cat. No.	Size	Qty.
N8850XP	X-small	50/bx, 500/cs
N8851XP	Small	50/bx, 500/cs
N8852XP	Medium	50/bx, 500/cs
N8853XP	Large	50/bx, 500/cs
N8854XP	X-large	50/bx, 500/cs

¹**Caution:** Gloves used for protection against chemotherapy drug and laboratory chemical exposure should be selected specifically for the type of chemicals being used. Note: Review Safety Data Sheets (SDS) for the chemicals/drugs being used to determine required level of protection.

Cardinal Health™ Esteem® Stretchy Synthetic Powder-Free Non-Sterile Vinyl Examination Gloves

Esteem® Stretchy Synthetic examination gloves are made from a vinyl formulation that helps provide additional elasticity and fit. They are soft and flexible, don easily and feel natural. Esteem® Stretchy Synthetic exam gloves are ideal for short-term use (less than 15 minutes) where there is minimal stress on the glove and a low-to-no risk of exposure to blood or other potentially infectious materials.

Features and Benefits:

- Smooth finish
- Beaded cuff assists in donning and helps reduce roll-down
- Appropriate for those with natural rubber latex sensitivity
- Tested for use with various lab chemicals and chemotherapy drugs¹



- Powder-free
- Not made with natural rubber latex
- Ambidextrous
- Color: Cream
- Nominal fingertip thickness: 4.3 mil (0.11mm)

Cat. No.	Size	Qty.
8880B	X-small	150/bx, 1,500/cs
8881B	Small	150/bx, 1,500/cs
8882B	Medium	150/bx, 1,500/cs
8883B	Large	150/bx, 1,500/cs
8884B	X-large	130/bx, 1,300/cs

Cardinal Health™ Flexal® Nitrile Exam Gloves Powder-Free Non-Sterile Examination Gloves

Flexal® Nitrile Exam Gloves offer an alternative to latex and other nitrile gloves currently available in the market today. They provide tactile sensitivity and protect the hands from potentially infectious materials.

Features and Benefits:

- Textured fingertips enable grip even when wet
- Helps deliver savings
- Tested for use with various lab chemicals and chemotherapy drugs¹



- Powder-free
- Not made with natural rubber latex
- Ambidextrous
- Color: Cornflower blue
- Nominal fingertip thickness: 4.2 mil (0.11mm)

Cat. No.	Size	Qty.
88TN01XS	X-small	200/bx, 2,000/cs
88TN02S	Small	200/bx, 2,000/cs
88TN03M	Medium	200/bx, 2,000/cs
88TN04L	Large	200/bx, 2,000/cs
88TN05XL	X-large	200/bx, 2,000/cs
88TN06XXL	2X-large	200/bx, 2,000/cs

¹**Caution:** Gloves used for protection against chemotherapy drug and laboratory chemical exposure should be selected specifically for the type of chemicals being used. Note: Review Safety Data Sheets (SDS) for the chemicals/drugs being used to determine required level of protection.

General Supplies

Gloves

Cardinal Health™ InstaGard® Synthetic

Powder-Free Non-Sterile Vinyl Examination Gloves

InstaGard® Synthetic examination gloves are made from polyvinyl chloride or PVC. They can be used for short-term clinical applications with low risk of exposure to potentially infectious materials, such as changing bed linens and transporting patients. InstaGard® Synthetic gloves are a great choice for anyone looking for a cost-effective glove for general patient care.



Features and Benefits:

- Smooth finish
- Beaded cuff helps facilitate donning
- Appropriate for those with natural rubber latex sensitivity



- Powder-free
- Not made with natural rubber latex
- Ambidextrous
- Color: Transparent
- Nominal fingertip thickness: 3.5 mil (0.09mm)

Cat. No.	Size	Qty.
8886IB	Small	150/bx, 1,500/cs
8887IB	Medium	150/bx, 1,500/cs
8888IB	Large	150/bx, 1,500/cs
8889IB	X-large	130/bx, 1,300/cs



Handling hazardous chemicals and drugs can present a significant risk to healthcare professionals. To reduce the potential for harmful effects on healthcare workers exposed to such drugs, the appropriate selection and use of gloves is critical.^{1,2,3,4}

- Select powder-free, high-quality gloves that meet ASTM D6978 (Standard Practice for Assessment of Resistance of Medical Gloves for Permeation by Chemotherapy Drugs) and ASTM F739 (Standard Test Method for Permeation of Liquids and Gases Through Protective Clothing Materials Under Conditions of Continuous Contact).
- Double glove for all activities involving hazardous drugs.
- Change gloves at least every 15 minutes or immediately when torn, punctured or knowingly contaminated.

¹ American Society of Health-System Pharmacists. ASHP guidelines on handling hazardous drugs. Am J Health-Syst Pharm. 2006; 63:1172-93.

² Oncology Nursing Society (ONS). Safe Handling of Hazardous Drugs. 1997. Revised 2003.

³ Pharmaceutical compounding—sterile preparations. USP _797_. In:First Supplement to The United States Pharmacopeia, 27th rev.; and The National Formulary, 22nd ed. Rockville, MD: United States Pharmacopeia Convention, Inc.: 2004:3121–3138. Revised January 2010.

⁴ Occupational Safety and Health Administration (OSHA). Technical Manual, Section VI, Chapter 2, Controlling Occupational Exposure to Hazardous Drugs.

Cardinal Health™ Esteem® with Neu-Thera®

Coated Powder-Free Non-Sterile Synthetic Examination Gloves

Esteem® exam gloves with Neu-Thera® moisturize the skin and helps to soothe dry, flaking and irritated skin. Cardinal Health developed a line of premium examination gloves coated with a unique and proprietary emollient: Neu-Thera®, which offers dermal conditioning benefits for the wearer.

Features and Benefits:

- Available in either stretchy nitrile or vinyl
- Helps promote hand hygiene
- Provide a secure grip, even when wet
- Same fit, feel and comfort you've come to expect from all of the Esteem® Stretchy gloves
- Appropriate for those with a natural rubber latex sensitivity



Cardinal Health™ Esteem® Nitrile with Neu-Thera®



- Microtextured finish
- Beaded cuff
- Powder-free
- Not made with natural rubber latex
- Ambidextrous
- Color: Blue
- Nominal fingertip thickness: 5.1 mil (0.13mm)
- Tested for use with various chemotherapy drugs¹

Cat. No.	Size	Qty.
N88RX01T	X-small	100/bx, 1,000/cs
N88RX02T	Small	100/bx, 1,000/cs
N88RX03T	Medium	100/bx, 1,000/cs
N88RX04T	Large	100/bx, 1,000/cs
N88RX05T	X-large	90/bx, 900/cs
N88RX06T	2X-large	90/bx, 900/cs

Cardinal Health™ Esteem® Synthetic with Neu-Thera® (Vinyl)

- Smooth finish
- Beaded cuff
- Powder-free
- Not made with natural rubber latex
- Ambidextrous
- Color: Periwinkle blue
- Nominal fingertip thickness: 4.3 mil (0.11mm)

Cat. No.	Size	Qty.
S88RX01	X-small	100/bx, 1,000/cs
S88RX02	Small	100/bx, 1,000/cs
S88RX03	Medium	100/bx, 1,000/cs
S88RX04	Large	100/bx, 1,000/cs
S88RX05	X-large	90/bx, 900/cs

¹**Caution:** Gloves used for protection against chemotherapy drug and laboratory chemical exposure should be selected specifically for the type of chemicals being used. Note: Review Safety Data Sheets (SDS) for the chemicals/drugs being used to determine required level of protection.

General Supplies

Gloves

Cardinal Health™ Flexam® Sterile Nitrile

Powder-Free Sterile Nitrile Examination Gloves

Flexam® Sterile Nitrile examination gloves offer all the comfort and protection of Stretchy Nitrile gloves, but are sterilized. They're soft and flexible, don easily and feel natural while in use. But they also provide the high level of protection you need in demanding clinical situations. They deliver freedom of movement and tactile sensitivity. Flexam® Sterile Nitrile exam gloves are available in either singles or pairs.

Features and Benefits:

- Stretchy nitrile formulation conforms to hands
- Microtextured surface for a sure grip
- 11 in. beaded cuff provides added protection
- Appropriate for those with natural rubber latex sensitivity
- Tested for use with various chemicals and chemotherapy drugs¹

Cardinal Health™ Flexam® Sterile Nitrile



- Powder-free
- Not made with natural rubber latex
- Ambidextrous
- Color: Blue
- Nominal fingertip thickness: 5.9 mil (0.15mm)
- Nominal length: 11.8 in. (300mm)

Cat. No.	Size	Qty.
Singles		
N8820	Small	50/bx, 250/cs
N8821	Medium	50/bx, 250/cs
N8822	Large	50/bx, 250/cs
N8823	X-large	50/bx, 250/cs
Pairs		
N8830	Small	40/bx, 200/cs
N8831	Medium	40/bx, 200/cs
N8832	Large	40/bx, 200/cs
N8833	X-large	40/bx, 200/cs

¹ **Caution:** Gloves used for protection against chemotherapy drug and laboratory chemical exposure should be selected specifically for the type of chemicals being used. Note: Review Safety Data Sheets (SDS) for the chemicals/drugs being used to determine required level of protection.

Cardinal Health™ Triflex® Sterile Vinyl

Powder-Free Sterile Vinyl Examination Gloves

Triflex® Sterile Vinyl examination gloves are made from the same material as the Stretchy Synthetic gloves, offering tactile sensitivity and freedom of movement. Packaged in singles or pairs, the gloves are suitable for sterile tasks of short duration (less than 15 minutes) such as minor suture removals and dressing changes.

Features and Benefits:

- Vinyl formulation helps provide additional elasticity and fit
- Smooth finish
- Beaded cuff helps facilitate donning and helps reduce roll down
- Appropriate for those with natural rubber latex sensitivity

Cardinal Health™ Triflex® Sterile Vinyl

- Powder-free
- Not made with natural rubber latex
- Ambidextrous
- Color: Cream
- Nominal fingertip thickness: 4.7 mil (0.12mm)
- Nominal length: 9.5 in. (245mm)

Cat. No.	Size	Qty.
Singles		
2D7001PF	Small	100/bx, 200/cs
2D7002PF	Medium	100/bx, 200/cs
2D7003PF	Large	100/bx, 200/cs
Pairs		
2D7011PF	Small	50/bx, 200/cs
2D7012PF	Medium	50/bx, 200/cs
2D7013PF	Large	50/bx, 200/cs

General Supplies

Gloves

Synthetic Powder-Free Non-Sterile Exam Gloves*

Cat. No.	Size	Material	Color	Finish	Nominal fingertip thickness mils (mm)	Chemo claim	Chemicals tested	Packaging
Cardinal Health™ Esteem® Stretchy Nitrile (ESNI)								
8815NB	XS	Nitrile	Blue	Fingertip-textured	4.3 mil (0.11 mm)			XS – L: 150 gloves/bx XL – XXL: 130 gloves/bx, 10 bx/cs
8816NB	S							
8817NB	M							
8818NB	L							
8819NB	XL							
8819NXB	XXL							
Cardinal Health™ Esteem® Stretchy Nitrile (ESNII)								
8810NB	XS	Nitrile	Light blue	Micro-textured	4.3 mil (0.11 mm)	✓	✓	XS – L: 150 gloves/bx XL – XXL: 130 gloves/bx, 10 bx/cs
8811NB	S							
8812NB	M							
8813NB	L							
8814NB	XL							
8814NXB	XXL							
Cardinal Health™ Esteem® Stretchy Nitrile (ESNIII)								
8854NXSB	XS	Nitrile	Teal blue	Fingertip-textured	4.7 mil (0.12 mm)	✓	✓	XS – L: 150 gloves/bx XL – XXL: 130 gloves/bx, 10 bx/cs
8855NSB	S							
8856NMB	M							
8857NLB	L							
8858NXLB	XL							
8859NXB	XXL							
Cardinal Health™ Esteem® Tru-Blu™ Stretchy Nitrile								
8895N	XS	Nitrile	Blue	Micro-textured	5.1 mil (0.13 mm)	✓	✓	XS – L: 100 gloves/bx XL – XXL: 90 gloves/bx, 10 bx/cs
8896N	S							
8897N	M							
8898N	L							
8899N	XL							
8899NX	XXL							
Cardinal Health™ Esteem® XP — 12 in. cuff								
N8850XP	XS	Nitrile	Blue	Smooth	5.5 mil (0.14mm)	✓	✓	XS – XL: 50 gloves/bx, 10 bx/cs
N8851XP	S							
N8852XP	M							
N8853XP	L							
N8854XP	XL							
Cardinal Health™ Esteem® Stretchy Synthetic								
8880B	XS	PVC (Vinyl)	Cream	Smooth	4.3 mil (0.11mm)		✓	XS – L: 150 gloves/bx XL: 130 gloves/bx, 10 bx/cs
8881B	S							
8882B	M							
8883B	L							
8884B	XL							
Cardinal Health™ Flexal® Nitrile								
88TN01XS	XS	Nitrile	Cornflower blue	Fingertip-textured	4.2 mil (0.11 mm)	✓	✓	XS – XXL: 200 gloves/bx, 10 bx/cs
88TN02S	S							
88TN03M	M							
88TN04L	L							
88TN05XL	XL							
88TN06XXL	XXL							
Cardinal Health™ InstaGard® Synthetic								
8886IB	S	PVC (Vinyl)	Clear (Transparent)	Smooth	3.5 mil (0.09mm)			S – L: 150 gloves/bx XL: 130 gloves/bx, 10 bx/cs
8887IB	M							
8888IB	L							
8889IB	XL							

*Not made with natural rubber latex.

General Supplies

Gloves

Coated Synthetic Powder-Free Non-Sterile Exam Gloves*

Cat. No.	Size	Material	Color	Finish	Nominal fingertip thickness mils (mm)	Chemo claim	Chemicals tested	Packaging
Cardinal Health™ Esteem® Nitrile with Neu-Thera®								
N88RX01T	XS							
N88RX02T	S							
N88RX03T	M	Nitrile	Blue	Micro-textured	5.1 mil (0.13 mm)	✓	✓	
N88RX04T	L							
N88RX05T	XL							
N88RX06T	XXL							
Cardinal Health™ Esteem® Synthetic with Neu-Thera®								
S88RX01	XS							
S88RX02	S							
S88RX03	M	PVC (Vinyl)	Periwinkle blue	Smooth	4.3 mil (0.11 mm)		✓	
S88RX04	L							
S88RX05	XL							

*Not made with natural rubber latex.

Powder-Free Sterile Exam Gloves*

Cat. No.	Size	Material	Color	Finish	Nominal fingertip thickness mils (mm)	Chemo claim	Chemicals tested	Packaging
Cardinal Health™ Flexam® Sterile Nitrile (singles) — 11 in. cuff								
N8820	S							
N8821	M							
N8822	L	Nitrile	Blue	Anti-slip	5.9 mil (0.15mm)	✓	✓	
N8823	XL							
Cardinal Health™ Flexam® Sterile Nitrile (pairs) — 11 in. cuff								
N8830	S							
N8831	M							
N8832	L	Nitrile	Blue	Anti-slip	5.9 mil (0.15mm)	✓	✓	
N8833	XL							
Cardinal Health™ Triflex® Sterile Vinyl (singles)								
2D7001PF	S							
2D7002PF	M	PVC (Vinyl)	Cream	Smooth	4.7 mil (0.12mm)			
2D7003PF	L							
Cardinal Health™ Triflex® Sterile Vinyl (pairs)								
2D7011PF	S							
2D7012PF	M	PVC (Vinyl)	Cream	Smooth	4.7 mil (0.12mm)			
2D7013PF	L							

*Not made with natural rubber latex.

General Supplies

Glass Beads/Handcare - Soaps and Lotions/In-Line Filters

Solid Glass Beads

CARDINAL HEALTH - These 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

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

In-line Filters

CARDINAL HEALTH - In-line filters protect your vacuum pump and outlet gas environment. Easy-to-use sterile and disposable in-line filters contain a hydrophobic PTFE membrane. Ideal for confining and isolating infectious and hazardous materials in vacuum systems and protecting your laboratory.



Features and benefits:

- Pre-sterilized using gamma
- High quality PTFE hydrophobic membrane
- Ultrasonically welded polypropylene housing
- Channeled flow path for even distribution over membrane surface
- Stepped barb ports from $\frac{1}{4}$ to $\frac{3}{8}$ in.

Applications:

- Protects vacuum systems from pathogen contamination and vacuum pumps from aerosol corrosion
- Sterile gas purging of culture vessels
- Venting of bioreactors, fermentation tanks and carboys
- Filtering aggressive solvents
- Protects work area from airborne pathogens and hazardous vacuum pump exhaust

Technical specifications:

Housing	Polypropylene
Sealing technology	Ultrasonically welded
Membrane material	PTFE (Polytetrafluoroethylene)
Pore size	0.22 μ m
Membrane diameter	50mm
Connectors	$\frac{1}{4}$ to $\frac{3}{8}$ in. barb ports

Cat. No.	Description	Qty.
CHPG1100	Hydrophobic PTFE in-line filter - 0.22 micron - sterile - 50mm	10/pk, 5 pks/cs

General Supplies

Labels - Blank and General Printed

Precut Red Border Labels

CARDINAL HEALTH - Precut 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.

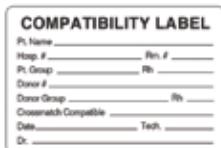


Cat. No.	Description	Qty.
L1540-11	¾ x 1 in.	500/rl
L1540-12	1 x 1½ in.	500/rl
L1540-13	1½ x 2½ in.	500/rl
L1540-14	2 x 3 in.	500/rl

Expiration Labels

CARDINAL HEALTH - Expiration labels provide 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



Blood Collection Compatibility Labels

CARDINAL HEALTH

Cat. No.	Description	Qty.
UPCR-9408	Compatibility label, 2 x 3 in., white	500/rl



Lot Signal Labels

CARDINAL HEALTH - 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

Pricing

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

General Supplies

Labels - General Printed/Hazard Warning

Medical Labels

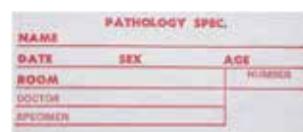
CARDINAL HEALTH - These labels have "MEDICAL MATERIALS: PACKAGING CONFORMS WITH STANDARDS IN 49 CFR 173.387, 42 CFR 72.25 (c), AND NIH GUIDE" printed in large, legible lettering on each 1½ x 2 in. pressure-sensitive label.



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

Specimen Pathology Labels

CARDINAL HEALTH - Specimen pathology labels are preprinted in red on white with: PATHOLOGY SPEC., NAME, DATE, SEX, AGE, ROOM, DOCTOR, SPECIMEN and NUMBER. 1 in. core. Label is 1½ x 3½ in. 500 in. of labels per roll.



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



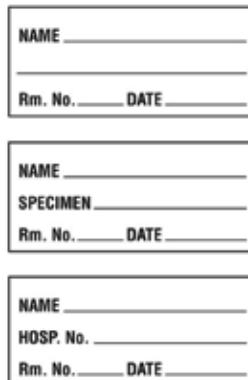
Reagent Labels

CARDINAL HEALTH - Use these 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	4¼ x 2 in.	100/pk

Specimen Labels

CARDINAL HEALTH - Use these 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 2½ in. 500 in. of labels per roll.



Cat. No.	Description	Qty.
L1613-9	Name, Rm. No., Date label	1/ea
L1613-10	Name, Specimen, Rm. No., Date label	1/ea
L1613-12	Name, Hosp. No., Rm. No., Date label	1/ea



Biohazard Labels

CARDINAL HEALTH - Use 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

Biomedical Labels

CARDINAL HEALTH - Biomedical labels read "HANDLE CAREFULLY: BIOMEDICAL MATERIAL." The biohazard symbol is printed in red against a white background. Each label measures 2½ x 4 in.



Cat. No.	Description	Qty.
L1599-6	Biomedical label	100/pk

General Supplies

Labels - Hazard Warning/Pressure-Sensitive/Labeling Tapes



Carcinogen Warning Labels

CARDINAL HEALTH - These 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
L1599-2B	Write-in space - 2 in. width - 500 in. roll	5 rl/pk

Pressure-Sensitive Labels

CARDINAL HEALTH - Apply pressure-sensitive 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

Pressure-Sensitive Labeling Tapes

CARDINAL HEALTH - 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

General Supplies

Labeling Tapes



Specialty Labeling Tapes

CARDINAL HEALTH - Specialty 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.
½ in. wide		
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
L1599-50M	Lime	5/pk
L1599-50J	Orange	5/pk
L1599-50P	Pink	5/pk
L1599-50R	Red	5/pk
L1599-50S	Rose	5/pk
L1599-50T	Tan	5/pk
L1599-50V	Violet	5/pk
L1599-50W	White	5/pk
L1599-50Y	Yellow	5/pk
¾ in. wide		
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

Cat. No.	Description	Qty.
¾ in. wide (continued)		
L1599-75P	Pink	5/pk
L1599-75R	Red	5/pk
L1599-75S	Rose	5/pk
L1599-75T	Tan	5/pk
L1599-75V	Violet	5/pk
L1599-75W	White	5/pk
L1599-75Y	Yellow	5/pk
1 in. wide		
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
1½ in. wide		
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
2 in. wide		
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

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 for more information.

Customer Service: 800.964.5227

General Supplies

Markers/Miscellaneous Lab Supplies

Securline® SuperFrost® Lab Markers

CARDINAL HEALTH - 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 Aspen Surgical Products, Inc.

Superfrost® is a registered trademark of Erie Scientific Company.

Cat. No.	Description	Qty.
P1220	Black	10/pk
P1220-5	Red	10/pk

Securline® Lab Markers

CARDINAL HEALTH - This special-purpose writing instrument is designed to write on damp surfaces as easily as it writes on dry surfaces. Can be used on dry, wet or cold surfaces, and plastic or metal surfaces, such as petri dishes. 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 Aspen Surgical Products, Inc.

Cat. No.	Description	Qty.
P1220-10	Lab marker	10/pk



Technical Pens

CARDINAL HEALTH - Record results in lab notebooks, fill in charts, draw graphs, mark recording paper and produce diagrams with these 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.
P1229-1	0.2mm - black	6/pk



Carbon-Fiber Calipers

CARDINAL HEALTH - These Traceable® composite carbon-fiber calipers measure outer diameter and inner diameter. They have an easy-to-read digital $\frac{1}{8}$ 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/IEC 17025 calibration laboratory indicating traceability N.I.S.T. standards.

Traceable® is a registered trademark of Control Company.

Floating Zero™ is a trademark of Control Company.

Cat. No.	Description	Qty.
C3316-10	4 in. caliper	1/ea
C3316-11	6 in. caliper	1/ea



Microprobe Set

CARDINAL HEALTH - These microprobes are made of precision-ground, polished and hardened stainless steel, so they are durable under numerous laboratory and experimental conditions. Microprobes are hand-honed to the sharpness of a needle to provide you with accuracy in micro work. Each of the six different microprobes has a uniquely shaped tip to fit different applications and each probe measures 6 in. long. One set per package.

Cat. No.	Description	Qty.
D2879	Microprobe set	1/ea

General Supplies

pH Indicator Strips/Timers and Stopwatches



pH Indicator Strips

CARDINAL HEALTH - The dyes on these 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.
Long range		
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 - 0.5 sensitivity - 3 test fields	100/pk, 100 pk/bx
Short range		
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 to 7.7 - 0.3/0.4 sensitivity - 1 test field	100/pk, 100 pk/bx
P1119-25	pH range 7.5 to 9.5 - 0.2/0.4 sensitivity - 1 test field	100/pk, 100 pk/bx

Compact Timer

CARDINAL HEALTH - This 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 - This 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 this 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/IEC 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.



Cat. No.	Description	Qty.
C6510-27	Original Traceable® lab timer	1/ea

Traceable® is a registered trademark of Control Company.

General Supplies

Timers and Stopwatches

SX-Timer™ Pocket Timer

CARDINAL HEALTH - This pocket timer is adjustable from 0 to 60 minutes in 1 minute increments. Turning the pointer to the desired countdown setting automatically winds the timer. The indicating pointer shows exact time remaining. The timer has a loud 5-second bell that rings at zero. It is easy to read, easy to carry and use, and has no buttons, batteries or confusing settings. Timer has a chemical-resistant ABS plastic case that is 1 in.-thick and is supplied with a lanyard and keychain. SX-Timer™ pocket timer C6510-36 is translucent blue and white and measures 2 1/4 in. in diameter. Wt. 2 1/4 oz.



SX-Timer™ is a trademark of Control Company

Cat. No.	Description	Qty.
C6510-36	SX-Timer™ pocket timer	1/ea

Traceable® 99M/59S Timer

CARDINAL HEALTH - Select this 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/IEC 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

Traceable® Advanced Memory Timer

CARDINAL HEALTH - This 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 1/8 in.-high for viewing as much as 8 ft. away. An ISO/IEC 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 two-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.



Cat. No.	Description	Qty.
C6510-9	Traceable® Advanced Memory™ timer	1/ea

Traceable® Bench Timer

CARDINAL HEALTH - This 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, 9999.999 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.



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. It is supplied with an ISO/IEC 17025 serial-numbered certificate to indicate traceability to standards provided by N.I.S.T. One-year warranty. Dimensions (W x D x H): 6 5/8 x 4 3/8 x 3 1/2 in. Wt. 1 lb.

Cat. No.	Description	Qty.
C6543	Traceable® bench timer	1/ea

Traceable® Big Digit Timer/Stopwatch

CARDINAL HEALTH - The Traceable® big digit timer/stopwatch has four channels, each of which may be used simultaneously as countup stopwatches or in any combination of countup/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 3/4 in.-high readable display from across the lab. An ISO/IEC 17025 individually-serial-numbered Traceable® certificate is supplied to indicate instrument traceability to standards provided by N.I.S.T. Comes with two-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

Traceable® is a registered trademark of Control Company.

General Supplies

Timers and Stopwatches

Traceable® Clip-It Timer™ Timer

CARDINAL HEALTH - The 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.



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® Double Display Timer

CARDINAL HEALTH - Traceable® Double Display 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/IEC 17025 calibration laboratory accredited by A2LA.



Cat. No.	Description	Qty.
C6510-31	Traceable® double display timer	1/ea

Traceable® Fingertip Countdown Timer

CARDINAL HEALTH - Everyone in your lab will enjoy using the 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 two-year silver oxide battery, magnet, hook-and-loop fastener and an ISO/IEC 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

Traceable® is a registered trademark of Control Company.

Traceable® Jumbo-Digit Timer

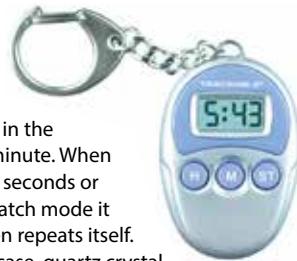
CARDINAL HEALTH - Traceable® jumbo-digit timers offer precise timing with resolution of 1 second and accuracy of 0.01%. These portable countdown alarm timers can be set for 1 second to 24 hours. Allows simultaneous programming of two different activities. Each channel has a distinct electronic alarm 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/IEC 17025 individually-serial-numbered Traceable® certificate is supplied to indicate instrument traceability to standards provided by N.I.S.T. Dimensions (W x H x D): 3¾ x 5½ x ½ in. Wt. 5 oz.



Cat. No.	Description	Qty.
C6511-1	Black	1/ea
C6511-2	White	1/ea

Traceable® Key-Chain Timer

CARDINAL HEALTH - This 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/IEC 17025-certified lab), which documents traceability to N.I.S.T. standards. Dimensions (W x H x D): 1½ x 2 x ¾ in. Wt. ¾ oz.



Cat. No.	Description	Qty.
C6515-4	Traceable® key-chain timer	1/ea

Traceable® Lab-Top Timer

CARDINAL HEALTH - This 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/IEC 17025 certified lab), which documents traceability to N.I.S.T. standards. Dimensions (W x H x D): 3¼ x 3¼ x ¾ in. Wt. 4 oz.



Cat. No.	Description	Qty.
C6510-25	Traceable® lab-top timer	1/ea

General Supplies

Timers and Stopwatches

Traceable® Memory Alarm Timer

CARDINAL HEALTH - This 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 two-year, replaceable silver oxide battery. An ISO/IEC 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 - This 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.



The timer is accurate to 0.01%. A magnetic back allows timer to be placed on incubators, titrators and most lab equipment. It also has a flip-open easel for standing on the lab bench, a spring fastener for clipping to a lab coat and a hole for a lanyard. The timer comes with a two-year, continuous-use silver oxide battery. The timer is supplied with an ISO/IEC 17025 serial-numbered certificate to indicate traceability to standards provided by N.I.S.T. Dimensions (W x H x D): 2 $\frac{1}{2}$ x 2 $\frac{1}{4}$ x $\frac{1}{2}$ in. Wt. 1 $\frac{1}{2}$ oz.

Cat. No.	Description	Qty.
C6510-12	Traceable® mini-alarm timer/stopwatch	1/ea

Traceable® is a registered trademark of Control Company.

Traceable® Quality Control Timer

CARDINAL HEALTH - This 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/IEC 17025 certified lab), which documents traceability to N.I.S.T. standards. Dimensions (H x W x D): 3 $\frac{1}{2}$ x 2 x 1 $\frac{1}{2}$ in. Wt. 2 oz.



Cat. No.	Description	Qty.
C6510-21	Traceable® quality control timer	1/ea

Traceable® 100-Hour Timer

CARDINAL HEALTH - This four-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/IEC 17025 serial-numbered certificate to indicate traceability to standards provided by N.I.S.T. One-year warranty. Dimensions (W x H x D): 2 $\frac{3}{4}$ x 2 $\frac{3}{8}$ x $\frac{5}{8}$ in. Wt. 1.5 oz.



Cat. No.	Description	Qty.
C6510-4	Traceable® six-channel 100-hour timer	1/ea

Traceable® Tie Timer™ Timer

CARDINAL HEALTH - Traceable® 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/IEC 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 $\frac{7}{8}$ in. L. Tie Timer™ is a trademark of Control Company.



Cat. No.	Description	Qty.
C6510-20	Traceable® Tie Timer™ timer	1/ea

General Supplies

Timers and Stopwatches

Traceable® Three-Channel Alarm Timer

CARDINAL HEALTH - Traceable® 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/IEC 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): 3½ x 3 x 1 in. Wt. 3 oz.



Cat. No.	Description	Qty.
C6510-1	Traceable® 3-channel alarm timer	1/ea

Traceable® Three-Line Alarm Timer

CARDINAL HEALTH - This 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/IEC 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 two-year use. Dimensions (H x W x D): 3½ x 2¾ x ½ in. Wt. 3 oz.



Cat. No.	Description	Qty.
C6510-26	Traceable® three-line alarm timer	1/ea

Traceable® is a registered trademark of Control Company.

Traceable® Triple-Display Timer

CARDINAL HEALTH - Traceable® Triple-Display timer displays three test lines of ½ 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 two-year AAA battery and is supplied with an ISO/IEC 17025 serial-numbered certificate to indicate traceability to standards provided by N.I.S.T. Dimensions (W x H x D): 2½ x 3¾ x ¾ in. Wt. 3 oz.

Cat. No.	Description	Qty.
C6510-11	Traceable® triple-display timer	1/ea

Traceable® Triple-Purpose Timer

CARDINAL HEALTH - Choose the triple-purpose timer for its versatility as a countdown timer, stopwatch and time-of-day clock. It features ¾ 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/IEC 17025 individually-serial-numbered Traceable® certificate is supplied to indicate instrument traceability to standards provided by N.I.S.T. Also includes a two-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

General Supplies

Timers and Stopwatches

Traceable® Two-Memory Timer

CARDINAL HEALTH - Use this 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/IEC 17025-certified lab), which documents traceability to N.I.S.T. standards. Magnet, flip-open stand and clip are also included. Dimensions (W x H x D): 2 $\frac{3}{4}$ x 2 $\frac{1}{8}$ x $\frac{7}{8}$ in. Wt. 1.9 oz.



Cat. No.	Description	Qty.
C6510-24	Traceable® two-memory timer	1/ea

Traceable® Jumbo-Digit Stopwatch

CARDINAL HEALTH - Traceable® Jumbo-Digit 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/IEC 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® is a registered trademark of Control Company.

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 a ISO/IEC 17025 calibration laboratory accredited by A2LA. It indicates traceability to standards provided by N.I.S.T. Supplied with two-year battery, Traceable® certificate and lanyard. ABS plastic shockproof case. Dimensions (W x H x D): 2 $\frac{3}{8}$ x 2 $\frac{1}{8}$ x $\frac{1}{2}$ in. Wt. 1 $\frac{1}{4}$ oz.

Cat. No.	Description	Qty.
C6520-4	Traceable® stopwatch/repeat timer	1/ea

Traceable® Three-Button Stopwatch

CARDINAL HEALTH - Use this 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: $\frac{5}{8}$ x 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 - This 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 two-year silver oxide battery and lanyard. Timer includes a Traceable® certificate (issued by an A2LA-accredited, ISO/IEC 17025-certified lab), which documents traceability to N.I.S.T. standards. One-year warranty. Dimensions (W x H x D): 2 $\frac{1}{8}$ x 2 $\frac{3}{8}$ x $\frac{1}{2}$ in. Wt. 1 oz.



Cat. No.	Description	Qty.
C6525-3	Water- and shock-resistant stopwatch	1/ea

Timers and Stopwatches/Wipes and Liners/Wrap-Plastic

Traceable® Waterproof/Shockproof Stopwatch

CARDINAL HEALTH - This 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. Dimensions (W x H x D): $2\frac{1}{8} \times 2\frac{1}{8} \times \frac{1}{2}$ in. and weighs 1 oz. Supplied with a two-year "always-on" battery and lanyard. An individually-serial-numbered Traceable® certificate is provided from an ISO/IEC 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



Clear Plastic Wrap

CARDINAL HEALTH - This 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



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 precut 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. Wipes and liners are non-sterile and not intended for use on patients.

Cat. No.	Description	Qty.
Standard absorbent wipes		
A9494-1	3 x 3 in.	2,000/cs
A9494-2	4 x 4 in.	2,000/cs
A9494-3	16 in. x 100 ft.	2 rl/cs
Standard absorbent wipes, 130 per dispenser		
A9494-5	4 x 4 in.	4 disp/cs
Super absorbent wipes		
A9495-1	3 x 3 in.	1,800/cs
A9495-2	4 x 4 in.	1,800/cs
A9495-3	8 x 9 in.	360/cs
A9495-4	16 in. x 100 ft.	2 rl/cs
Super absorbent wipes, 50 per dispenser		
A9495-9	4 x 4 in.	4 disp/cs

Traceable® is a registered trademark of Control Company.

Glucose Tolerance

Beverages

The perfect solution for oral glucose tolerance testing.

GlucoCrush™ is a non-carbonated drink used in conjunction with diagnostic assays to screen for diabetes mellitus, gestational diabetes in pregnant women and hypoglycemia.

GlucoCrush™

CARDINAL HEALTH

- Brominated Vegetable Oil Free (BVO) - Lemon Lime and Orange
- Caffeine, Dairy, and Gluten Free
- Certified Kosher
- Free of Food Dyes - Lemon Lime Only
- Manufactured according to WHO and ADA Standards



GLUCOCRUSH is a trademark of Neri Diagnostics Corporation.

Cat. No.	Description	Qty.
B2495-7C	Orange - 50g	6/pk, 4 pk/cs
B2495-6B	Orange - 75g	6/pk, 4 pk/cs
B2495-4B	Orange - 100g	6/pk, 4 pk/cs
B2495-9B	Lemon-lime - 50g	6/pk, 4 pk/cs
JB2495-3B	Lemon-lime - 75g	6/pk, 4 pk/cs
B2495-2B	Lemon-lime - 100g	6/pk, 4 pk/cs
B2495-1C	Fruit Punch - 50g	6/pk, 4 pk/cs
JB2495-10B	Fruit Punch - 75g	6/pk, 4 pk/cs
B2495-5B	Fruit Punch - 100g	6/pk, 4 pk/cs

Sequester-Sol® Anticoagulant

CARDINAL HEALTH - Sequester-Sol® anticoagulant is an aqueous solution of dipotassium EDTA (ethylene diamine tetra-acetate), a stable sequestering agent, readily soluble with blood. Suitable for most hematology and blood chemistry tests, you can obtain complete blood counts, as well as blood smears for staining, within 48 hours after collection without distortion of the cellular constituents. Sequester-Sol® solution stabilizes most chemical constituents of blood (including cellular) until complete analysis is performed. The solution is packaged in a convenient squeezable plastic bottle with a dropper tip for accurate dispensing. One drop per 5mL of blood. Available in 1 fl. oz. – 29.5mL bottle.

Sequester-Sol® is a registered trademark of Cambridge Diagnostic Products, Inc.



Phase Counting Chamber

CARDINAL HEALTH - This phase counting chamber is recommended for platelet count by the phase contrast method. The chamber has improved Neubauer rulings and a "V" at the loading end for easy loading. Two cover glasses are included. Instructions are enclosed.



Cat. No.	Description	Qty.
B3192-1	Phase counting chamber	1/ea

Hemacytometers with "V" Load System

CARDINAL HEALTH - The counting chambers of these hemacytometers have a metallized surface. Brightly illuminated lines for easy viewing. Two improved Neubauer rulings on each chamber are 0.1mm below the cover glass. A "V" loading system facilitates loading and cleaning. Coverslip thickness (5mm) provides durability. Instructions enclosed.

Cat. No.	Description	Qty.
B3178-1	Chamber and two coverslips	1/ea
B3178-2	Chamber only	1/ea
B3178-3	Chamber, two coverslips, one red pipette, one white pipette, one pipette filler and a case	1/ea

Westergren Sedimentation Rate



Disquette® Pipette and Reservoir

CARDINAL HEALTH - This plastic Westergren ESR tube with filling reservoir has a minimum internal bore of 2.55mm and is 238mm long. The uncapped blue filling reservoir does not contain saline diluent. Operators are required to add their own diluent (or anticoagulant) manually. The self-zeroing pipette features a triple-plugged overflow protection chamber to eliminate overfilling. Disposable ESR testing made in Switzerland.

1 pack contains 100 pipettes and reservoirs, sufficient for 100 ESR determinations.

Disquette® is a registered trademark of Wyeth Holdings Corporation.

Cat. No.	Description	Qty.
B4515-10	Disquette pipette	100/pk, 1,000/cs



Disquette® 2 ESR Test Kit

CARDINAL HEALTH - This plastic modified Westergren ESR test kit features capped filling reservoirs, pre-filled with 0.25mL of 0.9% saline diluent, eliminating the need to pipette a diluent manually. For added safety, the closed (pierceable) cap remains in place while inserting tube. The self-zeroing pipette features a triple-plugged overflow protection chamber to eliminate overfilling. After the ESR results have been recorded, the whole pipette and reservoir assembly is discarded without separation, saving time and providing an extra measure of safety.

Tube has a minimum internal bore of 2.55mm and is 238mm long. Results are available in 1 hour. Disposable ESR testing made in Switzerland.

1 pack contains 100 pipettes and pre-filled reservoirs, sufficient for 100 ESR determinations.

Disquette® is a registered trademark of Wyeth Holdings Corporation.

Cat. No.	Description	Qty.
B4515-9	Disquette II ESR test kit	100/pk, 1,000/cs

Hematology

Wright Stain and Fixative



Wright Stain Buffer

CARDINAL HEALTH - Wright stain buffer is for use with Wright stain B4136-1A and Wright stain fixative B4136-2A. It has a pH of 7.15. Ten 4.4g vials per package.

Cat. No.	Description	Qty.
B4136-3A	Wright stain buffer	10/pk



B4136-1A, stain

B4136-2A, fixative

Wright Stain and Fixative

CARDINAL HEALTH - This Wright Stain has the concentration of stain optimum to give you accurate results when used on the Hemtrak™ WBC differential system and when used for manual staining. For use with Geometric Data's Hemtrak™ system and for manual staining of blood smears. Also good for any time-controlled, automated slide stainer. The plastic container is easy to store and allows convenient dispensing into slide stainer traps. Four 1 gal. containers per case.

Use Methanol fixative in automated and manual fixing of blood smears to glass slides prior to staining and where Methanol is used in staining processes for hematologic studies.

Hemtrak™ is a trademark of Geometric Data.

Cat. No.	Description	Qty.
B4136-1A	Stain - 1 gal.	4/cs
B4136-2A	Fixative - 1 gal.	4/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** customers 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.

Histological Reagents

Fixative/Buffered and Prefilled Formalin and Formaldehyde



Forma-Scent® Fixative

CARDINAL HEALTH - This Forma-Scent® fixative is for use in histological applications of fixation and storage of tissue specimens. Although the Forma-Scent® fixative masks formalin odor, fumes are still dangerous and should be avoided. Take caution to ensure formalin fumes are effectively removed from your work area. 5 gal. size is packaged in convenient Cubitainer® container. Not intended for use as a disinfectant.

Cubitainer® is a registered trademark of Hedwin Corporation.

Cat. No.	Description	Qty.
Buffered		
C4319-1B	1 gal.	4/cs
C4319-5B	5 gal.	1/ea
Unbuffered		
C4319-1	1 gal.	4/cs
C4319-5	5 gal.	1/ea

Buffered 10% Formalin

CARDINAL HEALTH

- Active ingredients: formaldehyde, USP, 4%. pH is 6.9 to 7.1
- Buffered with phosphate buffer
- Not intended for use as a disinfectant



Cat. No.	Description	Qty.
C4320-101	1 gal.	4/cs
C4320-105	5 gal.	1/ea
C4320-300	30 gal. drum	1/ea

Formaldehyde 37% Solution

CARDINAL HEALTH

- Do not freeze
- HCHO FW 30.03
- Flash point: approx. 62°C (142°F)
- Store at 15°C to 30°C
- Meets U.S.P. specifications
- Not intended for use as a disinfectant

Cat. No.	Description	Qty.
C4320	1 gal.	4/cs
C4320-5	5 gal.	1/ea

FormClick™ Prefilled Formalin Containers

CARDINAL HEALTH - FormClick™ Prefilled Formalin Containers provide a convenient way to collect, transport and store specimens. The leak-resistant seal with audible "clicking" sound assures the user of a complete closure. The secure seal helps to preserve sample integrity and reduce the risk of accidental infection. Available in two sizes with double locking mechanisms.

Cat. No.	Description	Qty.
CL20	20mL - one-click containers	32/pk, 4 pk/cs
CL40	40mL - double-click containers	24/pk, 2 pk/cs
CL60	60mL - double-click containers	36/pk, 2 pk/cs

Prefilled Formalin Containers

CARDINAL HEALTH - These clarified, polypropylene wide-mouth containers are flexible, crack-resistant and autoclavable and allow visualization of specimens. Select sizes are available with a pressure-sensitive inner seal that protects against leakage and reduces exposure to formalin vapors. Lid is ribbed for easy handling and the clear label lets you view the specimen. Containers are filled with 10% buffered formalin. Product is labeled with biohazard.

Cat. No.	Description	Fill	Qty.
With inner seal			
C4320-7.5B	15mL	7.5mL	100/pk
C4320-15B	30mL	15mL	100/pk
C4320-30B	60mL	30mL	50/pk
C4320-60B	120mL	60mL	50/pk
C4320-90B	180mL	90mL	50/pk
Without inner seal			
C4320-180B	360mL	180mL	24/pk
C4320-240B	480mL	240mL	24/pk
C4320-450B	900mL	450mL	12/pk

Histological Reagents

Prefilled Formalin and Formaldehyde

Specimen Handi Packs

CARDINAL HEALTH

- Prefilled with 10% buffered formalin
- Pressure-sensitive inner seal protects against leakage
- Labels have two unique patient identifiers

Cat. No.	Description	Qty.
C4320-10H	20mL handi pack	192/cs
C4320-20H	40mL handi pack	96/cs
C4320-30H	60mL handi pack	96/cs
C4320-45H	90mL handi pack	96/cs
C4320-60H	120mL handi pack	96/cs



Solvents

Acetone

- $(\text{CH}_3)_2\text{CO}$ FW 58.08
- Nonphotochemically reactive
- Flash point: -20°C (-4°F closed cup)
- Store at 15°C to 30°C

Cat. No.	Description	Qty.
C4300	1 gal.	4/cs
C4300-5	5 gal.	1/ea



AmeriClear™ Histology Clearing Solvent

AmeriClear™ histology clearing solvent is formulated to replace xylene in histological procedures. You can use it in processing, staining and removing paraffin. Nonflammable solution contains no xylene. Low-toxicity, all-organic compound. Flash point is 121°F.

Cat. No.	Description	Qty.
C4200-1	1 gal.	4/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.

Histological Reagents

Solvents



Dehydrants

- Blend of ethyl, methyl and isopropyl alcohols
- Can be used as a dye or stain solvent
- Miscible with all clearing agents

Cat. No.	Description	Qty.
C4305-10	100% reagent-grade alcohol - 1 gal.	4/cs
C4305-12	95% reagent-grade alcohol - 1 gal.	4/cs
C4305-14	80% reagent-grade alcohol - 1 gal.	4/cs
C4305-9	70% reagent-grade alcohol - 1 gal.	4/cs

Denatured Proprietary Ethanol (Anhydrous)

- Flash point: 12.8°C (55°F)
- Store at 15°C to 30°C

Cat. No.	Description	Qty.
C4304	1 gal.	4/cs

Isopropyl Alcohol

- (2-Propanol) $\text{CH}_3\text{CHOHCH}_3$ FW 60.10
- Flash point: 12°C (53°F)
- Store at 15°C to 30°C

Cat. No.	Description	Qty.
C4307	1 gal.	4/cs
C4307-5	5 gal.	1/ea



Methanol

- CH_3OH FW 32.04
- Methanol-synthetic wood alcohol
- Nonphotochemically reactive
- Flash point: 12.2°C (54°F)
- Store at 15°C to 30°C

Cat. No.	Description	Qty.
C4324	1 gal.	4/cs
C4324-5	5 gal.	1/ea



Reagent Alcohol

- Nonphotochemically reactive
- Blend of ethyl, methyl and isopropyl alcohols
- Flash point is: 13°C (55°F)

Cat. No.	Description	Qty.
C4305	1 gal.	4/cs



Toluene

- (Methanol Anhydrous)
- CH_3OH FW 32.04
- Methanol-synthetic wood alcohol
- Nonphotochemically reactive
- Flash point: 4°C (39.3°F)
- Store at 15°C to 30°C

Cat. No.	Description	Qty.
C4329	1 gal.	4/cs
C4329-5	5 gal.	1/ea



Xylene

- $\text{C}_6\text{H}_4(\text{CH}_3)_2$ FW 106.17
- Flash point: 27.7°C/82°F
- Boiling range: 137° to 144°C
- Store at 15° to 30°C

Cat. No.	Description	Qty.
C4330	1 gal.	4/cs
C4330-5	5 gal.	1/ea



Xylene-Free Aliphatic Clearing Reagent

- Solution contains no xylene
- Low-toxicity, all-organic compound
- Flash Point 40°C/104°F

Cat. No.	Description	Qty.
C4200-2	1 gal.	4/cs



Incubators

CO₂ Incubator



Large Capacity Reach-In CO₂ Incubator

CARDINAL HEALTH - Temperature uniformity is absolutely critical for optimal culturing. This large capacity reach-in CO₂ incubator delivers optimum temperature uniformity and recovery even with large product loads and low output, heat-generating equipment in the chamber.

The unique directed horizontal laminar airflow system uses positive and negative pressures to direct air across the entire shelf surfaces, assuring a consistent flow of conditioned air for maximum temperature uniformity. The air feed plenum cannot be accidentally blocked by the chamber contents, leading to temperature variations that can damage the chamber's contents.

This large capacity reach-in CO₂ incubator is exceptionally simple to operate and loaded with valuable features that will serve you from day one. You don't need to purchase a range of expensive options to have a chamber that truly meets your needs. It's been designed with the primary features built-in.

Two-year parts and labor warranty. Limitations apply. See your instruction manual for full warranty terms and conditions.

Features:

- 29 cu. ft. of capacity—easy access to large-volume samples
- Standard remote alarm contacts—facilitates monitoring/alarm system to track chamber conditions
- Temperature uniformity for optimal culturing
- Enviro-Scan™ microprocessor message center—offers the freedom to control all critical parameters
- Stainless steel interior
- Heated solid door—minimizes condensation and protects light sensitive samples
- Three adjustable stainless steel shelves—easy-to-clean, corrosion resistant
- Swivel, locking casters—for easy unit installation and cleaning
- Adjustable rH system—three settings: low, medium and high
- Thermal conductivity (TC) sensors for accurate CO₂ monitoring

Specifications:

Temperature

Control ±0.1°C
Range 5°C above ambient to 60°C (140°F)
Uniformity..... ±0.3°C @ 37°C (98.6°F)

CO₂

Control Better than ±0.1%
Range 0-20%
Readability and setability.... 0.1%

Humidity

Selectable ranges Off, Medium >80%, High >90%

Stainless Steel Shelves

Dimensions..... 30.6 x 25.8 in.
Surface area 5.4 sq. ft.
Max. per chamber..... 145.8 sq. ft.
Standard, maximum 3, 27

Electrical Requirements

Electrical..... 115V, 50/60 Hz, 10.0 FLA (Operating range 90-125V includes voltage fluctuations)
Plug 115V: NEMA 5-15P Plug

Dimensions (W x H x D)

Exterior..... 38 x 80 x 33 in. F-B
Interior 31 x 60 x 27 in. F-B

Specifications are based on nominal voltages of 115V in ambients of 22°C to 25°C (71.6°F to 77°F). UL Listed to United States requirements.

Enviro-Scan™ is a trademark of Thermo Fisher Scientific Inc.

Cat. No.	Description	Qty.
CH3850	Large capacity reach-in CO ₂ incubator	1/ea

Digital Incubators

CARDINAL HEALTH - With digital temperature control, these mini incubators provide convenient "set and walk away" operation, eliminating the need for external thermometers. Simply choose the desired temperature and the incubator immediately begins to heat up (or cool down, -HC model only) while accurately monitoring the chamber temperature and conveniently displaying the temperature in real time on the large LED control panel.

Despite a modest footprint of 13.2 x 14.5 in., these incubators feature large internal chambers capable of accommodating flasks and bottles up to 2 liters and two adjustable/removable shelves for increased capacity.

Specifications:

Temperature range (H) Ambient +1°C to 60°C
Temperature range (HC) Ambient -15°C to 60°C*
Temperature accuracy 0.5°C (at 37°C)
Temperature uniformity ±1°C (at 37°C)
Temperature increments ±1°C
Dimensions (W x D x H) Exterior 13.2 x 14.5 x 18.7 in. (33.5 x 37 x 47.5cm)
Interior 10.3 x 9.3 x 12.8 in. (26 x 23.5 x 32.5cm)

Capacity 20L

Weight 15lbs. (6.5kg.)

Electrical 100 - 240V, 50-60Hz

*For example: minimum temperature is approximately 7°C in a room temperature environment of 22°C

Cat. No.	Description	Qty.
CH2200-H†	Heat only: ambient +1°C to 60°C, 115V	1/ea
CH2200-HC†	Heat and cool: ambient -15°C to 60°C	1/ea

† Includes US plug



Our focus is on
your lab.

Latex Agglutination Kits

Mono/Latex Slide/RF/RPR



Color Mono Latex Test Kits

CARDINAL HEALTH - Use this color-enhanced agglutination test kit for the qualitative and semi-quantitative detection of heterophil antibodies in human serum associated with infectious mononucleosis. Results available in 2 minutes. You can perform the test using either human serum or EDTA plasma. Kit has a shelf life of up to 24 months from date of manufacture. Each kit contains dyed, color-enhanced horse erythrocyte reagent, reactive control, nonreactive control, 50 disposable stirrer pipettes and 6-well test cards.

Cat. No.	Description	Qty.
B1077-9	Color Mono latex test kit - 50 tests	1/ea



RPR Syphilis Test Kits

CARDINAL HEALTH - Use RPR (rapid plasma reagin) macroscopic nontreponemal flocculation test kits for the qualitative and semi-quantitative detection of reagin antibodies in human serum. The macroscopic RPR carbon antigen enhances the visual discrimination between reactive and nonreactive results. Easy-to-interpret results are available in 8 minutes.

Each kit contains RPR carbon antigen, reactive control, weak reactive control, nonreactive control, a dropping bottle, a 20G dispensing needle, 10- or 30-well test cards and disposable stirrer pipettes. Kits have a shelf life of up to 24 months from date of manufacture. Only FDA cleared syphilis test available for diagnostic, blood screening and cadaveric screening for usage with the ASiManager-AT™ Nontreponemal Analyzer.

Cat. No.	Description	Qty.
B1077-12	RPR test kit - 100 tests - 10-well cards	1/ea
B1077-13	RPR test kit - 500 tests - 10-well cards	1/ea
B1077-14	RPR test kit - 5,000 tests - 30-well cards	1/ea



RF Latex Test Kits

CARDINAL HEALTH - These slide agglutination assay tests are used for the qualitative and semi-quantitative determination of rheumatoid factor in human serum. The simple, five-step procedure provides easy-to-read results in 2 minutes. No initial dilution of patient samples is required. Kits include RF latex reagent, reactive control, nonreactive control, 100 disposable stirrer pipettes and disposable cards. The latex reagent does not require additional preparation.

Cat. No.	Description	Qty.
B1077-19	RF latex test kit - 100 tests	1/ea
B1077-20	RF latex test kit - 1,000 tests	1/ea



RPR Carbon Antigen

CARDINAL HEALTH - RPR (rapid plasma reagin) carbon antigen is intended for use in the qualitative and semi-quantitative detection of reagin antibodies in serum or plasma as a screening test in syphilis serology. The RPR carbon antigen is provided in screw cap vials (no glass ampules).

Cat. No.	Description	Qty.
B1077-64	RPR carbon antigen - 3 x 3mL	1/ea
B1077-63	RPR carbon antigen - 10mL	1/ea

Latex Agglutination Kits

Rubella/Staph



Rubella Latex Tests

CARDINAL HEALTH - Rubella latex test is a rapid latex particle agglutination test for the qualitative and semi-quantitative determination of rubella virus antibodies in serum. All testing materials needed to perform the test are included in each kit. Excellent correlation with gold standard—Hemagglutination Inhibition Test (HAI). 8-minute protocol with easy-to-read results. Includes 3 levels of liquid controls and ready-to-use controls in dropper-tip vials for easy dispensing. Sensitivity of 1–2 IU/mL with undiluted serum; sensitivity of 10–20 IU/mL with 1:10 diluted serum. Specificity >99%. Shelf life of up to 18 months (from date of manufacture).

Cat. No.	Description	Qty.
B1077-16	Rubella latex test	30/bx
B1077-17	Rubella latex test	100/bx
B1077-18	Rubella latex test	500/bx



Staph Latex Tests

CARDINAL HEALTH - This staph latex test is a slide agglutination assay for the qualitative detection of coagulase (both clumping factor and protein A) to identify *Staphylococcus aureus* to the exclusion of other species of staphylococci. For use on pure culture samples suspected of being *S. aureus*. It detects methicillin-resistant *S. aureus* (MRSA) strains that produce clumping factor and protein A. All testing materials needed to perform the test are included in each kit.

Designed for 45-second, simple-to-interpret slide test results. Color-coded controls with dropper tip vials included in the kit. Can be used on live cultures from 5% sheep blood agar plates. 100% correlation with tube coagulase test. Shown to correlate 91% in one study¹ and 100% in another study² with the tube coagulase test. Storage requirement: 2 to 8°C. Shelf life of up to 12 months (from date of manufacture).

Cat. No.	Description	Qty.
B1077-50	Staph latex test	50/bx
B1077-15	Staph latex test	150/bx

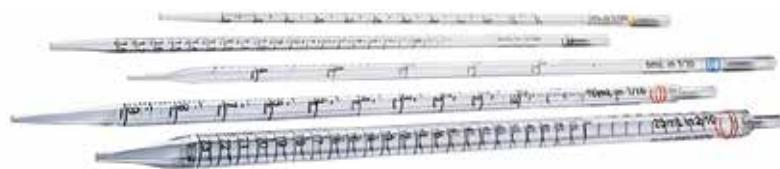
¹Miller JM, Miller JD, McAllister S. 1997. Presentation to the American Society for Microbiology. C-201.

²Aldridge KE, Kogos C, Sanders CV, Marier RL. 1984. Clin Microbiol, 19:703-704.



Liquid Handling

Serological/Transfer Pipettes



Disposable Plastic Serological Pipettes

CARDINAL HEALTH - These 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.
Individually-wrapped		
P4676-11X	±0.02mL	1,000/cs
P4676-12A	±0.04mL	500/cs
P4676-15	±0.10mL	200/cs
P4676-110	±0.20mL	200/cs
P4676-25	±0.50mL	200/cs
Multipack		
P4676-1X	±0.02mL	1,000/cs
P4676-2	±0.04mL	500/cs
P4676-5	±0.10mL	500/cs
P4676-10A	±0.20mL	500/cs
P4676-7	±0.50mL	200/cs



Transfer Pipettes

CARDINAL HEALTH - Easily perform routine sampling of serum or plasma. This one-piece design features a built-in pipette bulb that allows controlled drawing and dispensing of liquids in drop form. Made of durable low-density polyethylene plastic, transfer pipettes can be frozen in liquid nitrogen or heat sealed for storage. They are well-suited for many uses around the lab. Available in assorted sizes; non-sterile and sterile.

Cat. No.	Description	Length	Qty.
Nonsterile			
CH5214-11	3.9mL - small bulb graduated to 0.25, 0.50, 0.75 and 1mL	5.51 in.	500/bx, 10 bx/cs
CH5214-5B	4mL, blood bank-PET	5.07 in.	400/bx, 10 bx/cs
CH5214-18	4.8mL - blood bank-PET, graduated to 0.5, 1, 1.5 and 2mL	6.0	500/bx, 10 bx/cs
CH5214-30	5mL, blood bank-PET	6.07 in.	500/bx, 10 bx/cs
CH5214-13	5.8mL, standard bulb, fine tip	5.81 in.	500/bx, 10 bx/cs
CH5214-12	5.8mL, large bulb graduated to 0.25, 0.50, 0.75 and 1mL	6.12 in.	500/bx, 10 bx/cs
CH5214-33	7.5mL, large bulb graduated to 0.5, 1, 1.5, 2, 2.5 and 3mL	6.11 in.	500/bx, 10 bx/cs
P5214-10V	7.7mL, large bulb	6.11 in.	500/bx, 10 bx/cs
Sterile			
CH5214-20S	5.8mL, large bulb, graduated to 0.25, 0.50, 0.75 and 1mL	6.12 in.	20/bg, 25 bg/bx, 8 bx/cs
CH5214-1S	5.8mL, large bulb, individually wrapped graduated to 0.25, 0.50, 0.75 and 1mL	6.12 in.	500/bx, 8 bx/cs
CH5214-10S	7.7mL, large bulb, individually wrapped	6.11 in.	500/bx, 8 bx/cs

**AccuTip® 2 5/8 in. Gel-Loading Pipettor Tips**

CARDINAL HEALTH - 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 Sealvette®, 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 Sealvette® 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.
Nonsterile		
P5049-34	Bulk pack	1,000/pk
P5049-35	5 racks of 204	1,020/pk, 5,100/cs
Sterile		
P5049-36	5 racks of 204	1,020/pk, 5,100/cs

**AccuTip® 2 3/4 in. Nonfilter Pipettor Tips**

CARDINAL HEALTH - AccuTip® nonfilter pipettor tips have a 101 to 1,000µL capacity. Nonsiliconized, with reference marks. Blue or natural color. Each package contains 1,000 pipettor tips. Cannot be used with MLA large-volume pipettors.

Cat. No.	Description	Qty.
Blue		
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
Natural		
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® Extended-Length 3 1/2 in. Pipettor Tips**

CARDINAL HEALTH - These extended-length natural color pipettor tips have a 1 to 200µL 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 200µL), 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 - These nonfilter natural color pipettor tips have a 100 to 1,000µL 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® SlimLine Nonfilter Pipettor Tips**

CARDINAL HEALTH - AccuTip® SlimLine pipettor tip has a 1 to 200µL capacity with 2 5/16 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

Liquid Handling

Pipette Tips and Accessories

Dispensing Tips

CARDINAL HEALTH - These 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.	Description	Qty.
Nonsterile dispensing tips		
P5061-100	0.05mL	100/pk
P5061-102	0.5mL	100/pk
P5061-103	1.25mL	100/pk
P5061-104	2.5mL	100/pk
P5061-105	5mL	100/pk
P5061-106	12.5mL	100/pk
P5061-107*	25mL	100/pk
P5061-108*	50mL	100/pk
Sterile dispensing tips		
P5061-109	0.5mL	100/pk
P5061-110	1.25mL	100/pk
P5061-111	2.5mL	100/pk
P5061-112	5mL	100/pk
P5061-113	12.5mL	100/pk
P5061-114*	25mL	100/pk
P5061-115*	50mL	100/pk

*Requires adapter



Filtered Pipette Tips

CARDINAL HEALTH

Cat. No.	Description	Packaging	Color	Qty.
CHTF113-20	Beveled tip, 2-20 µL	Racked sterile	Natural	960/pk, 5 pk/cs
CHTF113100	Beveled tip, 10-100 µL	Racked sterile	Natural	1,000/pk, 10 pk/cs
P5049-38	Extended length, 200 µL, Eppendorf fit	Racked sterile	Natural	800/pk, 5 pk/cs
P5049-40	Extended length, 200 µL	Racked sterile	Natural	800/pk, 5 pk/cs
P5048-31A	Finepoint tip, 100 µL, extra long	Racked sterile	Natural	960/pk, 5 pk/cs
CHTF118200	Large orifice tip, 20–200 µL, graduated at 50, 100, 200µL	Racked sterile	Natural	960/pk, 5 pk/cs
CHTF112G	Large orifice tip 100–1,000 µL, extended length graduated at 100, 200, 500, 1,000µL	Racked sterile	Natural	960/pk, 5 pk/cs
CHTF102-10	Micropoint tip, 0.1–10 µL, extended length, graduated at 2, 5, 10, 20 µL	Racked sterile	Natural	960/pk, 5 pk/cs
CHTFA10410	Micropoint tip, 0.1–10 µL, ultra micro, graduated at 2 µL	Racked sterile	Natural	960/pk, 5 pk/cs
CHTF114-10	Micropoint crystal tip, 0.1–10 µL, ultra micro, Eppendorf fit	Racked sterile	Natural	960/pk, 5 pk/cs
CHTF114-20	Micropoint crystal tip, 0.1–20 µL, ultra micro, Eppendorf fit	Racked sterile	Natural	960/pk, 5 pk/cs
CHTF140200	Micropoint tip, 20–200 µL, low retention, graduated at 10, 50, 100, 200 µL	Racked sterile	Natural	960/pk, 5 pk/cs
CHTF112100	Micropoint tip, 100–1000 µL, extended length, graduated at 100, 200, 500, 1000 µL	Racked sterile	Natural	960/pk, 5 pk/cs

Macro Volume Tips

CARDINAL HEALTH

Cat. No.	Description	Packaging	Color	Qty.
P5048-42	200-1000 µL, specific fits for MLA	Bulk	Natural	750/pk, 10 pk/cs
P5048-43	200-1000 µL, specific fits for MLA	Stack rack	Natural	600/pk, 10 pk/cs
P5049-24	500-2500 µL, specific fits for Eppendorf	Bulk	Natural	5 pk/cs
P5049-26	1000-5000 µL, specific fits for Gilson	Bulk	Natural	250/pk, 10 pk/cs
P5049-25	5000 µL, specific fits for Eppendorf and Biohit	Bulk	Natural	250/pk, 10 pk/cs
P5049-27	1-10mL, specific fits for Gilson	Bulk	Natural	200/pk, 10 pk/cs

Specialty Tips

CARDINAL HEALTH

Cat. No.	Description	Packaging	Color	Qty.
Large orifice tip, low adhesion, ID 1.5mm				
CH118-N	1-200 µL, nonsterile	Bulk	Natural	1,000/pk, 10 pk/cs
CHT118R	1-200 µL, nonsterile	Racked	Natural	960/pk, 5 pk/cs
CHT118RS	1-200 µL, sterile	Racked sterile	Natural	960/pk, 5 pk/cs
Filtered large orifice tip, low adhesion, ID 1.5mm				
CHTF118200	20-200 µL, filtered sterile	Racked sterile	Natural	960/pk, 5 pk/cs
Large orifice tip, low adhesion, graduated at 100, 200, 500, 1000 µL, ID 1.5mm				
CH112NXG	100-1250 µL, nonsterile	Bulk	Natural	1,000/pk, 10 pk/cs
CH112NXGR	100-1250 µL, nonsterile	Racked	Natural	960/pk, 5 pk/cs
CH112NXGRS	100-1250 µL, sterile	Racked sterile	Natural	960/pk, 5 pk/cs
Filtered large orifice tip, low adhesion, graduated at 100, 200, 500, 1000 µL, ID 1.5mm				
CHTF112G	100-1000 µL, filtered sterile	Racked sterile	Natural	960/pk, 5 pk/cs

Standard Pipette Tips

CARDINAL HEALTH - These tips are non-filtered.



Bulk packaging



Racked packaging



Racked sterile packaging



Reload packaging

Cat. No.	Description	Packaging	Color	Qty.
Beveled tip, 1-200 µL, universal fit				
P5048-7	Nonsterile	Bulk	Natural	1,000/pk, 10 pk/cs
CHT070RN	Nonsterile	Racked	Natural	960/pk, 5 pk/cs
CHT070RNS	Sterile	Racked sterile	Natural	960/pk, 5 pk/cs
CHT070RLN	Nonsterile	Reload	Natural	960/pk, 5 pk/cs
P5048-40	Nonsterile	Stack rack	Natural	1,000/pk, 10 pk/cs

Standard tips continued on next page

Liquid Handling

Pipette Tips and Accessories

Standard Pipette Tips (continued)

CARDINAL HEALTH

	Cat. No.	Description	Packaging	Color	Qty.
	P5048-10	Nonsterile	Bulk	Yellow	1,000/pk, 10 pk/cs
	CHT090R	Nonsterile	Racked	Yellow	960/pk, 5 pk/cs
	CHT090RS	Sterile	Racked sterile	Yellow	960/pk, 5 pk/cs
	CHT090RL	Nonsterile	Reload	Yellow	960/pk, 5 pk/cs
	P5048-41	Nonsterile	Stack rack	Yellow	1,000/pk, 10 pk/cs
Beveled tip, 1-200 µL, graduated at 10, 50, 100 µL, universal fit	CH113-GN	Nonsterile	Bulk	Natural	1,000/pk, 10 pk/cs
	CHT113RN	Nonsterile	Racked	Natural	960/pk, 5 pk/cs
	CHT113RNS	Sterile	Racked sterile	Natural	960/pk, 5 pk/cs
	CHT113RLN	Nonsterile	Reload	Natural	960/pk, 5 pk/cs
Micropoint tip, 0.1-10 µL extended length, graduated at 2, 5, 10, 20 µL, universal fit	P5048-4	Nonsterile	Bulk	Natural	1,000/pk, 10 pk/cs
	CH102	Nonsterile	Bulk	Natural	1,000/pk, 10 pk/cs
	CHT102R	Nonsterile	Racked	Natural	960/pk, 5 pk/cs
	CHT102RS	Sterile	Racked sterile	Natural	960/pk, 5 pk/cs
Micropoint tip, 0.1-10 µL ultra micro, graduated at 2 µL, universal fit	CHTA104R	Nonsterile	Racked	Natural	960/pk, 5 pk/cs
	CHTA104RS	Sterile	Racked sterile	Natural	960/pk, 5 pk/cs
	CHTA104RL	Nonsterile	Reload	Natural	960/pk, 5 pk/cs
Micropoint crystal tip, 0.1–20µL ultra micro, Eppendorf fit	CH114BNS	Nonsterile	Bulk	Natural	1,000/pk, 10 pk/cs
	CHT114R	Nonsterile	Racked	Natural	960/pk, 5 pk/cs
	CHT114RS	Sterile	Racked sterile	Natural	960/pk, 5 pk/cs
Micropoint tip, 5-300 µL beveled	CH106	Nonsterile	Bulk	Natural	1,000/pk, 10 pk/cs
	CHT106R	Nonsterile	Racked	Natural	960/pk, 5 pk/cs
	CHT106RS	Sterile	Racked sterile	Natural	960/pk, 5 pk/cs
	CHT106RL	Nonsterile	Reload	Natural	960/pk, 5 pk/cs
Micropoint tip, 100-1250 µL extra long, graduated at 100, 200, 500, 1000 µL, universal fit	CH112NXL	Nonsterile	Bulk	Natural	1,000/pk, 10 pk/cs
	CH112NXLR	Nonsterile	Racked	Natural	960/pk, 5 pk/cs
	CH112NXLRS	Sterile	Racked sterile	Natural	960/pk, 5 pk/cs
	CH112NXLRL	Nonsterile	Reload	Natural	960/pk, 5 pk/cs
	CH112XL	Nonsterile	Bulk	Blue	1,000/pk, 10 pk/cs
	CHT112XLR	Nonsterile	Racked	Blue	960/pk, 5 pk/cs
	CHT112XLRS	Sterile	Racked sterile	Blue	960/pk, 5 pk/cs
	CHT112XLRL	Nonsterile	Reload	Blue	960/pk, 5 pk/cs
Universal Fit, 100 -1000 µL, Graduated 250, 500, 1000 µL	P5049-9	Nonsterile	Stack rack	Natural	1,000/pk, 5 pk/cs



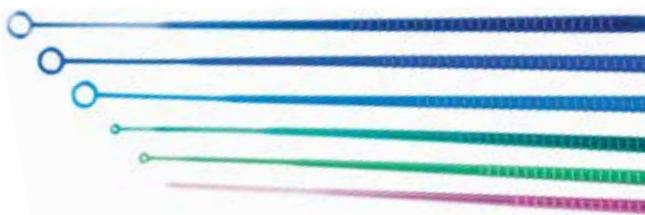
Tip Racks

CARDINAL HEALTH - These nonsterile tip racks are easy to use. 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

Microbiology Supplies

Inoculating Loops and Needles/Petri Dishes/Tissue Grinders



Inoculating Loops and Needles

CARDINAL HEALTH - The smooth loop head surface allows for flexible loops to streak agar without gouging and rigid loops to harvest or plant cultures. Loop surface treatment enhances sample adhesion. Calibrated using Evans Blue Dye method.

- Sterilized – no need for flame sterilization
- Hydrophilic treatment during manufacturing process
- Liquid adherence properties prevent accidental discharge of droplets
- Color coded for easy identification
- Loops available in 10 μ L and 1 μ L sizes
- Meet semi-quantitative standard for handling samples
- Calibration documents available for any batch upon request
- Polystyrene

Working temperature is room temperature. Each package contains 25 loops or needles, 1,000 per box.

Cat. No.	Description	Capacity	Qty.
Loops - peel pouch pack			
N2085-1	Blue - flexible	10 μ L	25/pk, 40 pk/bx
N2085-5	White - flexible	1 μ L	25/pk, 40 pk/bx
Loops - zip lock pack			
N2085-1FA	Dark blue flexible	10 μ L	25/pk, 40 pk/bx
N2085-5FA	Dark green - flexible	1 μ L	25/pk, 40 pk/bx
N2085-5RA	Light green - rigid	1 μ L	25/pk, 40 pk/bx
N2085-1R	Light blue - rigid	10 μ L	1,000/pk, 12 pk/cs
Needles - peel pouch pack			
N2085-10	Yellow flexible		25/pk, 40 pk/bx
Needles - zip lock pack			
N2085-10RA	Light violet		25/pk, 40 pk/bx

Petri Dishes

CARDINAL HEALTH - These disposable petri dishes are designed for single use to help you eliminate time-consuming washing and sterilizing. Optically clear and precision molded from polystyrene, cultures are clearly visible without distortion. All dishes are packaged in polyethylene sleeves and radiation sterilized. Racks and dispensers are also available to easily stack, store or transport petri dishes.



Cat. No.	Description	Qty.
CH1905	100 x 15mm round, slippable, without stacking ring, designed for automated filling	500/cs
CH1906	100 x 15mm, stackable, with stacking ring, designed for manual filling	500/cs



15mL tissue grinder T4031-15A

50mL tissue grinder T4031-50A

Standard Tissue Grinding Systems

CARDINAL HEALTH - With these closed tissue grinder systems, you seal before grinding to minimize sample contact through aspirations and overflow. The abrasive surface is molded-in, so there's no sandy sediment to obscure the sample. Systems include polypropylene tube, high-impact polystyrene pestle and tip and an antiroll HDPE cap.

Supplied assembled and sterile. Available in three sizes, including a freestanding model. Extra cap and patient identification label included for storage, transport and traceability. Easy-open Tyvek® package.



35mL freestanding tissue grinder T4031-35A



Molded-in abrasive surface

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

Cat. No.	Description	Qty.
T4031-15A	15mL	10/cs
T4031-35A	35mL - freestanding	10/cs
T4031-50A	50mL	10/cs



Glass-like abrasive surface

Ultra Tissue Grinders

CARDINAL HEALTH - The pestle tips of these Ultra Tissue Grinders have been vitrified using a proprietary silica casting process. The result is a glass-like abrasive surface, which provides a more aggressive grinding action to enable efficient processing of difficult and fibrous samples. Ultra Tissue Grinders incorporate the same patented closed system as the standard grinders. Available in 15mL and 50mL sizes, they are supplied gamma sterilized in an easy-to-open Tyvek® package with an extra cap for storage and transport plus a patient identification label for traceability.

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

Cat. No.	Description	Qty.
T4031-706	15mL	10/cs
T4031-708	50mL	10/cs

Microscope Slides and Cover Glass

Accessories - Lens Cleaner and Paper/Slide Storage and Mailers

Lens Cleaner

CARDINAL HEALTH - This 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

Bibulous Paper

CARDINAL HEALTH - This absorbent white paper is recommended for drying microscope slides and other small lab glass items.

- Highly absorbent white fiber paper
- Lint and dust free



Cat. No.	Description	Qty.
P1050	4 x 6 in. - 50 sheets	12/pk

Lens Paper

CARDINAL HEALTH - This extra soft and silky lens paper is free of dust and particles that may cause scratching. Each package contains 12 booklets of paper.



Cat. No.	Description	Qty.
P1055	4 x 6 in. - 50 sheets	12/pk
P1056	6 x 8 in. - 100 sheets	12/pk

Index Card Slide Cabinet

CARDINAL HEALTH - 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 $\frac{1}{16}$ x 5 $\frac{1}{8}$ in.



Cat. No.	Description	Qty.
M6310-5	Index card slide cabinet	1/ea



Slide Storage Cabinet

CARDINAL HEALTH - This 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 and can be stacked 10 high. Each base accommodates up to 10 cabinets and is required.

Cat. No.	Description	Qty.
M6360-2P	Slide storage cabinet	1/ea
M6362-1	Base unit	1/ea



Deluxe Slide Box

CARDINAL HEALTH - This 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 and Cover Glass

Accessories - Slide Storage and Mailers



Pop-Up Slide Folder

CARDINAL HEALTH - Slides can be handled without contamination with this 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 Mailer

CARDINAL HEALTH - 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.

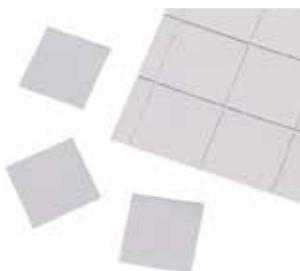
Description

Qty.

M6271	5-slide mailer	100/pk, 10 pk/cs
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Microscope Slide Labels

CARDINAL HEALTH - 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.

Blank labels		
M6260-1	12 x 24mm	1,000/pk
M6260-2	24 x 24mm	1,000/pk

Custom-imprinted label

M6260-3	24 x 24mm	1,000/pk
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Index Card Microscope Slide Holder

CARDINAL HEALTH - This 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 helps prevent 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 and Cover Glass

Cover Glass/Coverslips



Superslip® Coverslips and Cover Glass

CARDINAL HEALTH - 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.

These quality cover glasses offer 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 free from striae, oily films and fingerprints. All cover glasses are packed in a rigid styrene box with semisoft, lint-free foam interior.

Superslip® is a registered trademark of Thermo Fisher Scientific.

Cat. No.	Description	Qty.
Superslip® coverslips		
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 1.5mm	10 oz./cs
M6043-5	Coverslip - 24 x 55 x 1mm	10 oz./cs
No. 1 cover glass		
M6045-1	Cover glass - 18 x 18mm	10 oz./cs
M6045-2	Cover glass - 22 x 22mm	10 oz./cs
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
M6045-9A	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
No. 1½ cover glass		
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
No. 2 cover glass		
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

Hemacytometer Cover Glass

CARDINAL HEALTH - 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

Microscope Cover Glass

CARDINAL HEALTH - Made of pure white, chemically-resistant borosilicate 3.3 glass sheets, feature excellent optical properties, stable molecular structure, uniform flatness, uniform size, ideal flexibility as well as considerably extended shelf life.



Cat. No. Description Qty.

C3650-10 Coverslip - 24 x 50mm, #1, 1 oz 10 oz./pk, 20 pk/cs
C3650-20 Coverslip - 24 x 50mm, #1, 2 oz 20 oz./pk, 10 pk/cs

Plastic Coverslips

CARDINAL HEALTH - Use these 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

Our focus is on your lab.



Microscope Slides and Cover Glass

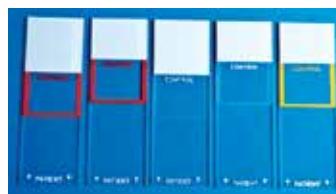
Charged Adhesion Slides

Histology Control Superfrost Plus® Adhesion Slides

CARDINAL HEALTH - Ideal for staining procedures that require a control. 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.

Superfrost Plus® is a registered trademark of Thermo Fisher Scientific.

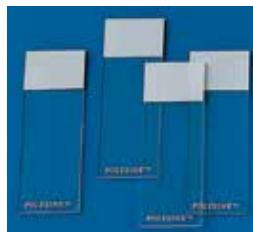


Cat. No.	Description	Qty.
M6172	¾ in. white, etched box on back	2 bx/gr, 10 gr/cs
M355	¾ in. white, red box on back	2 bx/gr, 10 gr/cs
M329	¾ in. white, red box on front	2 bx/gr, 10 gr/cs
M334	1 in. white, red box on back	10 gr/cs

Polysine® Microscope Slides

CARDINAL HEALTH - The permanent adhesive material on these 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 Thermo Fisher Scientific.

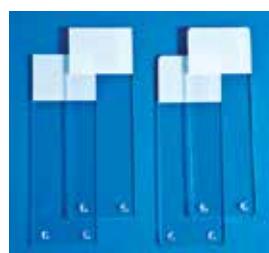


Cat. No.	Description	Qty.
M6143	75 x 25 x 1mm	144/gr, 10 gr/cs

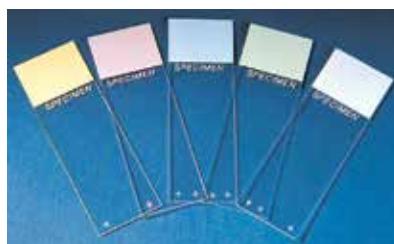
Superfrost® Excell Adhesion Slides

CARDINAL HEALTH - Superfrost® Excell adhesion slides utilize the traditional Superfrost® tab, with excellent adhesion and wettability properties. The 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 Thermo Fisher Scientific.



Cat. No.	Description	Qty.
M4941	Excell adhesion slides - 25 x 75 x 1mm	2 bx/gr, 10 gr/cs
M49414	Excell adhesion slides with clipped corner - 25 x 75 x 1mm	2 bx/gr, 10 gr/cs



Superfrost Plus® and Colorfrost Plus® Slides

CARDINAL HEALTH - 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 Plus® and Colorfrost Plus® frosted coatings take and retain most laboratory marking methods. The raised coating separates slides to help eliminate sticking, scratching or abrasion.

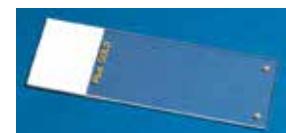
Superfrost Plus® and Colorfrost Plus® are registered trademarks of Thermo Fisher Scientific.

Cat. No.	Description	Qty.
	Superfrost Plus® slide	
M6146-PLUS	25 x 75mm	10 gr/cs
	Colorfrost Plus® slides - 25 x 75 x 1mm	
M6148-3A	Aqua	2 bx/gr, 10 gr/cs
M6148-3B	Blue	10 gr/cs
M6148-3BO	Burnt orange	2 bx/gr, 10 gr/cs
M6148-3GL	Gold	2 bx/gr, 10 gr/cs
M6148-3G	Green	10 gr/cs
M6148-3L	Lilac	2 bx/gr, 10 gr/cs
M6148-3P	Pink	10 gr/cs
M6148-3T	Tan	2 bx/gr, 10 gr/cs
M6148-3Y	Yellow	10 gr/cs

Superfrost Plus® Gold Slide

CARDINAL HEALTH - 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 Plus® is a registered trademark of Thermo Fisher Scientific.



Cat. No.	Description	Qty.
M6146GOLD	25 x 75 x 1mm	25/bx

Microscope Slides and Cover Glass

Economy Slides

Economy Glass Slides

CARDINAL HEALTH - These economy glass slides can address a wide range of routine applications. Color coded for easy identification, all slides feature a smooth surface and uniform thickness. Selection varies, including slides with positively charged surfaces or clipped corners for ease of use.



Cat. no.	Description	Qty.
CH7101PX	Plain, 25 x 75 x 1mm	72/bx, 1,440/cs
CH7107PX	Double frosted, 25 x 75 x 1mm	72/bx, 1,440/cs
CH7105PX	Frosted, 25 x 75 x 1mm	72/bx, 1,440/cs
CH8105PBX	Blue end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH8105PGX	Green end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH8105PL	Lilac end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH8105PO	Orange end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH8105PPX	Pink end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH8105PWX	White end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH8105PYX	Yellow end, 25 x 75 x 1mm	72/bx, 1,440/cs
Clipped Corner 45 degree		
CH27101PX	Plain, 25 x 75 x 1mm	72/bx, 1,440/cs
CH28105PBX	Blue end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH28105PGX	Green end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH28105PL	Lilac end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH28105PO	Orange end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH28105PPX	Pink end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH28105PWX	White end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH28105PYX	Yellow end, 25 x 75 x 1mm	72/bx, 1,440/cs
Clipped Corner Charged 45 degree		
CH205BX	Blue end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH205GX	Green end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH205LX	Lilac end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH205OX	Orange end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH205PX	Pink end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH205WX	White end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH205YX	Yellow end, 25 x 75 x 1mm	72/bx, 1,440/cs
Charged 90 degree		
CH105BX	Blue end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH105GX	Green end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH105LX	Lilac end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH105OX	Orange end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH105PX	Pink end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH105WX	White end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH105YX	Yellow end, 25 x 75 x 1mm	72/bx, 1,440/cs



Economy Nonselect Microscope Slides

CARDINAL HEALTH - These plain and frosted microscope slides measure 25 x 75 x 1mm thick.

Cat. No.	Description	Qty.
301449	Economy slide, plain - 25 x 75 x 1mm	2 pk/gr, 10 gr/cs
M630-4	Safety corner, plain - 25 x 75 x 1mm	2 pk/gr, 10 gr/cs
301437	Economy slide, frosted - 25 x 75 x 1mm	2 pk/gr, 10 gr/cs



Economy Select Microscope Slides

CARDINAL HEALTH - These microscope slides are precleaned and measure 25 x 75 x 1mm. Slide M6147-ECO comes with one end frosted on both sides.

Cat. No.	Description	Qty.
M6145-ECO	Plain - 25 x 75 x 1mm	2 pk/gr, 10 gr/cs
M6147-ECO	Double frosted end - 25 x 75 x 1mm	2 pk/gr, 10 gr/cs

Microscope Slides

CARDINAL HEALTH - These regular super white glass microscope slides are designed for routine experiments where no extra adhesion or no adaptability to auto-writers is required in histology-pathology, hematology, cytology, microbiology and etc., for blood liquid tests, frozen tissue section examinations, biological specimen preparation.



The (C0002-90) adhesion/positive charge super white 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.

Cat. No.	Description	Qty.
Regular super white slides		
C0001-90	Frosted white, 25 x 75 x 1mm	72/bx, 20 bx/cs
C0003-90	Frosted white, 25.75 x 75.75 x 1.2mm	72/bx, 20 bx/cs
C16001-45	Frosted white, 25 x 75 x 1mm, 45° clipped corners	72/bx, 20 bx/cs
Adhesion charged super white slides		
C0002-90	Adhesion charged, frosted white, 25 x 75 x 1mm	72/bx, 20 bx/cs

Permafrost Microscope Slides

CARDINAL HEALTH - Manufactured from the highest quality glass, these Permafrost slides have a 3/4 in. permanent tab for labeling and measure 25 x 75 x 1mm thick. Available in a variety of colors.



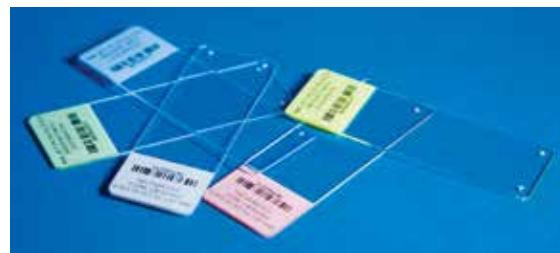
Cat. No.	Description	Qty.
M940A	Aqua	2 bx/gr, 10 gr/cs
M642	Blue	2 bx/gr, 10 gr/cs
M940BO	Burnt orange	2 bx/gr, 10 gr/cs
M940GL	Gold	2 bx/gr, 10 gr/cs
M643	Green	2 bx/gr, 10 gr/cs
M940L	Lilac	2 bx/gr, 10 gr/cs
M644	Pink	2 bx/gr, 10 gr/cs
M940T	Tan	2 bx/gr, 10 gr/cs
M640	White	2 bx/gr, 10 gr/cs
M640-4	White with safety corner	2 bx/gr, 10 gr/cs
M646	Yellow	2 bx/gr, 10 gr/cs

Microscope Slides and Cover Glass

Instrumentation Slides

Colormark® and Colormark Plus® Slides

CARDINAL HEALTH - Designed for use with automated slide labeling machines, 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®, Colormark® Plus®, Colorfrost® and Superfrost® are registered trademarks of Thermo Fisher Scientific.*



Cat. No. Description Qty.

Colormark® slides

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

Colormark Plus® slides

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, 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 Thermo Fisher 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

Inkjet and 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.

Colorfrost®, Colorfrost Plus®, Superfrost® and Superfrost Plus® are registered trademarks of Thermo Fisher Scientific.

Cat. No. Description Qty.

Colorfrost® inkjet clipped corner slides

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
M6151-4	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

Colorfrost Plus® inkjet clipped corner slides

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

Superfrost® inkjet clipped corner slides

M6151-1	White	2 pk/gr, 10 gr/cs
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Superfrost Plus® inkjet clipped corner slides

M6151-10	White	2 pk/gr, 10 gr/cs
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Online ordering services at cardinalhealth.com put you in command.

Microscope Slides and Cover Glass

Plain and Frosted Slides

Colorfrost® and Superfrost® Slides

CARDINAL HEALTH - Colorfrost® and Superfrost® slides have a durable, easy-to-write-on, easy-to-read, brilliant opaque coating. The coating helps eliminate any penetration from common laboratory chemicals and reagents. A printed "specimen" 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.

Colorfrost® and Superfrost® and are registered trademarks of Thermo Fisher Scientific.



Cat. No.	Description	Qty.
Colorfrost® colored slides		
M6148-1A	Aqua - 75 x 25mm	20 gr/cs
M6148-1B	Blue - 75 x 25mm	20 gr/cs
M6148-1BO	Burnt orange - 75 x 25mm	20 gr/cs
M6148-1GL	Gold - 75 x 25mm	20 gr/cs
M6148-1G	Green - 75 x 25mm	20 gr/cs
M6148-1L	Lilac - 75 x 25mm	20 gr/cs
M6148-1P	Pink - 75 x 25mm	20 gr/cs
M6148-1T	Tan - 75 x 25mm	20 gr/cs
M6148-1Y	Yellow - 75 x 25mm	20 gr/cs
M6148-2B	Blue - 75 x 25mm	20 pk/gr, 10 gr/cs
M6148-2G	Green - 75 x 25mm	20 pk/gr, 10 gr/cs
M6148-2P	Pink - 75 x 25mm	20 pk/gr, 10 gr/cs
M6148-2Y	Yellow - 75 x 25mm	20 pk/gr, 10 gr/cs
Superfrost® white slides		
M6146	White - 75 x 25mm	20 gr/cs
M6156	Premium white - 75 x 25mm	25 gr/cs
M6131	White - 76.2 x 25.4 x 1.2mm	25 gr/cs

Dakin Slides

CARDINAL HEALTH - 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.



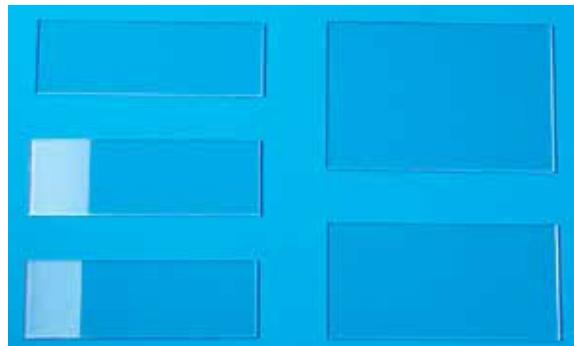
Cat. No.	Description	Qty.
M6150-1	25 x 75 x 1mm	10 gr/cs

1mm Microscope Slides

CARDINAL HEALTH - These 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



1.2mm Microscope Slides

CARDINAL HEALTH - Highly resistant to corrosion and moisture, these 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

Microscope Slides and Cover Glass

Specialty Slides

45° Corners Microscope Slides

CARDINAL HEALTH - These 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 Thermo Fisher Scientific.

Cat. No.	Description	Qty.
M6146-2A	Superfrost® coating - 25 x 75 x 1mm	20 gr/cs
M6146-3B	Plain - 25 x 75 x 1mm	10 gr/cs
M6146-4A	Frosted one end, one side - 25 x 75 x 1mm	10 gr/cs

Bev-L-Edge® Microscope Slides

CARDINAL HEALTH - Use these 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.

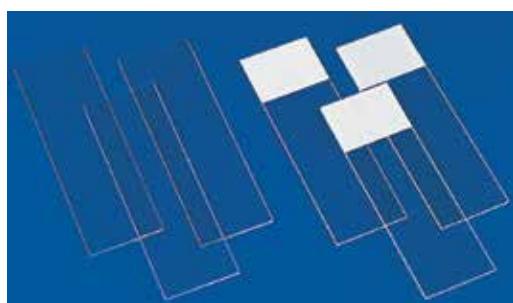
Cat. No.	Description	Qty.
M6167-1	Plain - 3 x 1 in.	20 gr/cs
15400103A	Frosted one end, both sides - 3 x 1 in.	20 gr/cs

Fluorescent Slides

CARDINAL HEALTH - Designed for fluorescent antibody examination, these 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



Premium-Grade Microscope Slides

CARDINAL HEALTH - These 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.

Superfrost® is a registered trademark of Thermo Fisher Scientific.

Cat. No.	Description	Qty.
M6155	Plain - 75 x 25 x 1mm	2 bx/gr, 25 gr/cs
M6158-1	Plain - 3 x 1 in. x 1mm	1 bx/gr, 10 bx/cs
M6157	Superfrost® coating - 75 x 25 x 1mm	72/bx, 25 gr/cs
M6146X	Superfrost® coating - 75 x 25 x 1mm	2 bx/gr, 40 bx/cs
M6158-2	Superfrost® frosted end - 75 x 25 x 1mm	2 bx/gr, 10 gr/cs
M6158	Superfrost® frosted end - 3 x 1 in. x 1mm	2 bx/gr, 25 gr/cs

Pusher Slides

CARDINAL HEALTH - 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

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.

Mixers

Mixer

CARDINAL HEALTH - Featuring touch or continuous operation, this general purpose mixer provides smooth instant vortexing for even the largest sample sizes, including full 50mL tubes. The unique counter balance system creates maximum vortexing action, while minimizing noise and excessive vibration. This results in quieter, more efficient and longer lasting operation. Other features include: no-walk suction and spill-proof electronic controls.



Specifications:

Speed range	200 to 3200 rpm
Operating modes	Touch or continuous
Operating temperature range	+4°C to +65°C
Dimensions (W x D x H)	5 x 6.3 x 6.7 in. (13 x 16 x 17cm)
Weight	8.4 lbs. (3.8kg)
Electrical.....	115V AC, 60Hz, 1.5A 230V AC, 50Hz, 0.75A

Cat. No.	Description	Qty.
CHV1000	Mixer	1/ea

Mini Vortexer

CARDINAL HEALTH - With a 4mm orbit and fixed speed of 2800 rpm, this mini vortexer instantly vortexes even the largest samples, including nearly full 50mL tubes. A complement to its powerful motor, the mini vortexer has a small footprint of less than 4 x 4 in., allowing it to fit on even the most crowded bench. Pressure activated operation means that the motor is automatically started with slight pressure on the center cup head. Operation is smooth, quiet and efficient. When pressure is removed, operation immediately ceases. The unique head design prevents liquid from entering the housing, prolonging motor life.



Specifications:

Speed range	2800 rpm
Motor activation	Touch
Orbit	4mm
Operating temperature range	+4°C to +65°C
Dimensions (W x D x H)	3.7 x 3.9 x 2.6 in. (9.4 x 9.9 x 6.6cm)
Weight	1 lb. (0.4kg)
Electrical.....	100-240V, 50-60Hz, 0.7A

Cat. No.	Description	Qty.
CHV101-R	Mini vortexer, red cup head	1/ea

Multi-Head Mixer

CARDINAL HEALTH - More than your standard mixer, the unique head design features a traditional cup for general purpose mixing, plus holders for up to eight microcentrifuge tubes. A dynamic balanced drive system provides smooth vortexing action while minimizing noise and excessive vibration. Increased speed, up to 3400 rpm, produces an instant vortex for all tubes, up to 50mL. Other features include: touch or continuous operation, no-walk suction feet and spill-proof electronic controls.



Specifications:

Speed range	200 to 3400 rpm
Operating modes	Touch or continuous
Operating temperature range	+4°C to +65°C
Dimensions (W x D x H)	5 x 6.3 x 6.7 in. (13 x 16 x 17cm)
Weight	8.4 lbs. (3.8kg)
Electrical.....	115V AC, 60Hz, 1.5A 230V AC, 50Hz, 0.75A 230V AC, 60Hz, 0.75A

Cat. No.	Description	Qty.
CHV1005	Multi-head mixer	1/ea



HemoCue® Hb 201+ Analyzer and Hb 201 DM Analyzer

HEMOCUE - The HemoCue® Hb 201+ Analyzer whole blood system provides quick, simple, reliable, quantitative, lab-quality hemoglobin results. The dual wavelength photometer corrects for turbidity.



The Hemocue® Hb 201 DM Analyzer helps healthcare providers get authorized and appropriate use by certified personnel. With a wide range of settings and definable options, the system can be made to prompt the operator for identification, microcuvette lot, quality control and other required information during the testing procedure. This data is then transmitted to clinical information systems.

Cat. No.	Mfr. No.	Description	Qty.
121721	121721	Hb 201+ Analyzer	1/ea
121135	121135	Hb 201 DM Analyzer	1/ea
Supplies and accessories			
111715	111715	Hb 201 microcuvettes - individually-wrapped	100/bx
111716	111716	Hb 201 microcuvettes - bulk packed	50/vl, 4 vl/bx
139075	139075	Hb 201 DM primary docking station	1/ea

HemoCue® WBC Analyzer

HEMOCUE - The HemoCue® WBC Analyzer is cleared for moderately complex testing and provides quantitative results of a patient's total white blood cell count in about 3 minutes from a capillary or venous sample.



The white blood cell count is determined by automatic cell counting. A hemolyzing agent lyses the red cells in the microcuvette and a staining agent colors the white cells. An image is taken of the stained white cells and the number of cells is counted by image analysis in the analyzer. The system is substantially equivalent to the Sysmex XS-system and the manual light microscopy method for white blood cell count.

- Lab accurate results in about 3 minutes
- Convenient microcuvette technology
- Easy-to-use, no lab training required
- Capillary or venous samples
- Factory calibrated—no further calibration needed

Analyzer ships with: WBC analyzer, manual, warranty, quick reference guide, sample HemoCue cleaner and training CD-ROM

Specifications:

Measuring range.....0.3-30.0 x 10⁹/L (300-30,000/mm³, 300-30,000/ μ L)

Sample volume.....10 μ L

Cat. No.	Mfr. No.	Description	Qty.
123001	123001	HemoCue® WBC Analyzer	40/vl, 4vl/bx
113003A	113003	HemoCue® WBC microcuvettes	40/vl, 4vl/bx
WBC005	WBC005	WBC control solution - 3/pk (low, normal and high)	1/ea



DCA Vantage® Analyzer

SIEMENS HEALTHCARE DIAGNOSTICS - The DCA Vantage Analyzer delivers immediate quantitative HbA1c, Albumin, Creatinine, and A:C ratio measures at the point of care.

HbA1c test is CLIA-WAIVED and NGSP (National Glycohemoglobin Standardization Program) certified. HbA1c test uses only 1 μ L fingerstick whole blood sample. Self-contained test cartridges require no reagent preparation or mixing. Factory calibration eliminates all wet calibrations.

Simple and convenient testing to improve patient outcomes. Walkaway ease of use with lab-quality sensitivity and specificity. The system also offers flexible data management and connectivity options such as operator and QC lockouts. Memory stores up to 4,000 patient and/or control results for data retrieval and recordkeeping.

Specifications:

Ambient operating temperature.....15°C to 32°C (59°F to 90°F)

Ambient operating humidity 10% to 90%

Dimensions (D x W x H) 10.5 x 11.5 x 9 in.
(27.7 x 28.7 x 25.4cm)

Power requirements 100 to 240V, 50/60 Hz

Weight 9 lbs. (3.88kg)

Cat. No.	Mfr. No.	Description	Qty.
5075US	5075 US	DCA Vantage Analyzer	1/ea
Reagent kits			
B5376-1BA	5035C	DCA HbA1c Reagent Cartridges (10 tests/box)	1 bx
B5376-5	6011A	DCA Microalbumin Creatinine Reagent Cartridges (10 tests/box)	1 bx
Controls kits (4 vials/box)			
B5376-4	5068A	DCA HbA1c Normal/Abnormal Controls	1/bx
B5376-6	6012A	DCA Microalbumin Creatinine Low/High Controls	1/bx

Point-of-Care

Analyzers and Accessories



i-STAT® System

ABBOTT POINT OF CARE - The i-STAT® System provides quick, reliable test results within minutes from just a few drops of blood for a wide range of tests to include chemistries and electrolytes, cardiac markers, blood gases, lactate, coagulation and hematology. The device offers advanced biosensor technology, which helps ensure accurate lab-quality results for a comprehensive panel of tests using cartridges that are available separately.

Cat. No.	Mfr. No.	Description	Qty.
6F20-20	06F20-20	i-STAT® System Analyzer - waived	1/ea
4J60-20	04J60-20	i-STAT® Analyzer Distribution Kit (includes: printer, simulator and downloader recharger) - waived	1/ea
6F16-10	04P75-01	i-STAT® System Analyzer - non-waived	1/ea
4J48-50A	04J48-50	i-STAT® Analyzer Distribution Kit (includes printer, simulator and downloader recharger) - non-waived	1/ea
6F23-91	04P74-04	Martel printer kit	1/ea
6F17-11	06F17-11	Printer paper	6/bx
4P74-03	4P74-03	Printer rechargeable battery	1/ea
A6200	06F21-35	Printer rechargeable battery	1/ea
6F23-55	06F23-55	9V NiMH battery charger	1/ea



i-STAT® System Controls

ABBOTT POINT OF CARE

Cat. No.	Mfr. No.	Description	Qty.
6F12-01	06F12-01	Aqueous control level 1	10/bx
6F13-01	06F13-01	Aqueous control level 2	10/bx
6F14-01	06F14-01	Aqueous control level 3	10/bx
6P17-15	06P17-15	ACT control level 1	10/bx
6P17-16	06P17-16	ACT control level 2	10/bx
6P17-08	06P17-08	BNP calibration verification 1-3	6/bx
6F12-18	06F12-18	BNP control level 1 - 6 x 1mL	6/bx
6F12-19	06F12-19	BNP control level 2 - 6 x 1mL	6/bx
6F12-20	06F12-20	BNP control level 3 - 6 x 1mL	6/bx
6P17-05	06P17-05	BNP control level 1	6/bx
6P17-06	06P17-06	BNP control level 2	6/bx
6P17-07	06P17-07	BNP control level 3	6/bx
6F15-01	06F15-01	Calibration verification 1-5 – 3 x 1.7mL	15/bx
6F12-17	06F12-17	CHEM 8 calibration verification 1-5 - 4 x 1.7mL	20/bx
6F12-16	06F12-16	CHEM 8 plus control level 3 - 1.7mL	10/bx
6P17-04	06P17-04	CK-MB calibration verification 1	6/bx
6P17-01	06P17-01	CK-MB control level 1	6/bx
6P17-02	06P17-02	CK-MB control level 2	6/bx
6P17-03	06P17-03	CK-MB control level 3	6/bx
6P17-12	06P17-12	Control calibration verification 1-3	6/bx
6P17-09	06P17-09	Control level 1	10/bx
6P17-10	06P17-10	Control level 2	10/bx
6P17-11	06P17-11	Control level 3	10/bx
6F12-07	06F12-07	HCT calibration verification 1-5 - 4 x 1.7mL	20/bx
6F12-04	06F12-04	Hematocrit control level 1	10/bx
6F12-06	06F12-06	Hematocrit control level 3	10/bx
6P17-13	06P17-13	PT control level 1	10/bx
6P17-14	06P17-14	PT control level 2	10/bx
5P70-01	05P70-01	TriControl calibration verification 1-5	20/bx
5P71-01	05P71-01	TriControl level 1	10/bx
5P72-01	05P72-01	TriControl level 2	10/bx
5P73-01	05P73-01	TriControl level 3	10/bx

i-STAT® System Test Cartridges

ABBOTT POINT OF CARE

Cat. No.	Mfr. No.	Description	Qty.
3P86-25	3P86-25	ACTc Celite test	25/bx
3P87-25	3P87-25	ACTk Kaolin test	25/bx
3P93-25	3P93-25	BNP test	25/bx
3P88-25	3P88-25	CG8+ test	25/bx
3P92-25A	03P92-25	CK-MB Creatinine Kinase-MB test	25/bx
3P84-25A	03P84-25	Creatinine test	25/bx
3P82-25A	03P82-25	E3+ test	25/bx
3P81-25A	03P81-25	EC4+ test	25/bx
3P77-25	03P77-25	EG6+ test	25/bx
3P76-25A	3P76-25	EG7+ test	25/bx
3P78-25A	3P78-25	G3+ test	25/bx
3P83-25	3P83-25	Glucose test	25/bx
3P89-24A	03P89-24	PT/INR test	24/bx



Piccolo® Xpress™ Point-of-care Chemistry Analyzer

ABBOTT POINT OF CARE - The Piccolo® Xpress™ point-of-care chemistry analyzer delivers comprehensive CLIA-waived diagnostics to healthcare providers. In three easy steps, the Piccolo® provides lab-accurate blood chemistry results in minutes. With on-site lab results, physicians can make confident treatment decisions faster. They can monitor medications in real-time. And, patients receive a complete plan of treatment in just one visit. By doing more during each visit, physicians can improve throughput and revenue while increasing operational efficiency and improving patient compliance and satisfaction.

Cat. No.	Mfr. No.	Description	Qty.
7P05-01	07P05-01	Piccolo® Xpress™	1/ea
7P04-07	07P04-07	Adhesive backed thermal paper roll - 6 pack	1/ea

Piccolo Reagent Discs

ABBOTT POINT OF CARE - The Piccolo Reagent Discs are configured to aid in disease diagnosis or monitor disease treatment. Each panel is a self-contained plastic disc with reagents. Intelligent Quality Control and bar coded calibration are built in to each reagent disc.

Cat. No.	Mfr. No.	Description	Qty.
7P02-04	07P02-04	Basic metabolic panel	10/bx
7P02-13	07P02-13	Basic metabolic panel plus	10/bx
7P02-15	07P02-15	Bio chemistry plus panel	10/bx
7P04-02	07P04-02	Chemistry controls w/CRP	1/ea
7P04-01	07P04-01	Chemistry+lipid controls	1/ea
7P02-08	07P02-08	Comprehensive metabolic panel	10/bx
7P02-11	07P02-11	General chemistry 13	10/bx
7P02-06	07P02-06	Hepatic panel	10/bx
7P02-09	07P02-09	Kidney check panel	10/bx
7P02-05	07P02-05	Lipid panel	10/bx
7P02-12	07P02-12	Lipid panel plus	10/bx
7P02-10	07P02-10	Liver panel plus	10/bx
7P04-16	07P04-16	MetLac 12 panel	10/bx
7P02-14	07P02-14	Metyltye plus CRP	10/bx
7P02-07	07P02-07	Renal panel	10/bx

ACCU-CHEK Performa Meter

ROCHE DIAGNOSTICS - The Accu-Chek® Performa blood glucose monitoring system is cleared for multipatient use and is ideal for use in professional settings, such as physicians' offices, surgery centers, long-term care facilities and outpatient clinics. It is designed to help make testing more efficient at the point of care by providing healthcare providers with:

- Accurate results in 5 seconds with 0.6-µL sample size
- Automatic system, strip and integrity checks
- Small, sleek design with non-slip rubber grip
- Large, easy-to-read display
- Sample detection with underdose protection



Cat. No.	Mfr. No.	Description	Qty.
5959551001	05959551001	Meter kit	1/ea
7299702001	07299702001	Test strips - 50 tests	36/cs
521350901A	05213509001	Controls - 2 levels	10/cs

Accutrend® Plus System

ROCHE DIAGNOSTICS - The **CLIA-waived** Accutrend® Plus system is an effective and cost efficient first step in helping identify patients at risk for cardiovascular disease. Providing 3 minute total cholesterol and 12 second glucose testing on a single meter, the Accutrend® Plus is ideal for professional use in preventative healthcare settings, such as community health screenings, walk-in clinics and pharmacies.



- Convenient: test both cholesterol and glucose on a single, handheld system
- Fast: total cholesterol results in 3 minutes and blood glucose results in 12 seconds
- Reliable: accurately screen patients for total cholesterol and monitor blood glucose in patients with diabetes
- Safe: outside-of-meter dosing helps prevent cross-contamination of blood samples
- Portable: lightweight, ergonomic design makes the meter easy to handle and operate

Cat. No.	Mfr. No.	Description	Qty.
5346754160	05346754160	Accutrend® Plus meter kit	1/ea
5213312160	05213312160	Cholesterol test strips - 25/vial	25/ea
5219957001	05219957001	Cholesterol controls - 2 levels	1/ea
1144747516	11447475160	Glucose test strips - 25/vial	25/ea
521323116A	05213231160	Glucose controls - 2 levels	1/ea

Point-of-Care

Meters, Monitors and Accessories

CoaguChek® XS Plus System

ROCHE DIAGNOSTICS - The **CLIA-waived**

CoaguChek® XS Plus System is an innovative point-of-care PT/INR monitoring system. It provides immediate access to test results enabling healthcare professionals to make real-time treatment decisions. This system offers the flexibility and control needed to confidently manage a wide range of anticoagulated patients.

This system has the same features as the CoaguChek® XS but also includes the following:

- Meter stores 1,000 patient test and 500 QC test results
- QC lockout allows for mandatory QC checks
- Operator Lockout available (with optional data management system)
- Code chip memory of up to 60 unique code keys
- Optional liquid quality controls to meet regulatory needs
- Optional rechargeable battery pack
- Optional base unit for connectivity



CoaguChek® XS System

ROCHE DIAGNOSTICS - The CoaguChek® XS System is a **CLIA-waived** point-of-care

PT/INR monitoring system. It provides immediate access to test results enabling healthcare professionals to make real-time treatment decisions. This system offers the flexibility and control needed to confidently manage a wide range of anticoagulated patients.



- Small sample size (8µL) for easy dosing
- 18-month strip shelf life—no refrigeration needed
- Strip allows dosing from either top or side for simple blood application
- Accurate and precise results in 1 minute with 97% correlation to tested lab methods
- On-board quality controls—no external QC necessary
- Neutralizes therapeutic levels of heparin and LMWH
- INR corrected for hematocrit within specified range—manage a broad array of patients with one device

Cat. No.	Mfr. No.	Description	Qty.
5021537001	05021537001	Meter kit	1/ea
4625315160	04625315160	Test strips	48/bx
4625382160	04625382160	Quality controls	1/ea
4805658160	04805658160	Handheld Base Unit (HBU)	1/ea
4805640001	04805640001	Rechargeable battery pack	1/ea

Cat. No.	Mfr. No.	Description	Qty.
4837975001	04837975001	Meter kit	1/ea
4625315160	04625315160	Test strips	48/bx

CoaguChek® XS Pro System

ROCHE DIAGNOSTICS - The CoaguChek® XS Pro System is an innovative point-of-care PT/INR monitoring system.

It provides immediate access to test results enabling healthcare professionals to make real-time treatment decisions. This system offers the flexibility and control needed to confidently manage a wide range of anticoagulated patients.

This system has the same features as the CoaguChek® XS but also includes the following:

- Integrated barcode scanner to capture both operator and patient IDs
- Meter stores 1,000 patient test and 500 QC test results
- QC lockout allows for mandatory QC checks
- Operator Lockout available (with optional data management system)
- Code chip memory of up to 60 unique code keys
- Optional liquid quality controls to meet regulatory needs
- Optional rechargeable battery pack
- Optional base unit for connectivity (RALIS Plus Data Management System available)



Cat. No.	Mfr. No.	Description	Qty.
5530199160	05530199160	Meter kit	1/ea
4625315160	04625315160	Test strips	48/bx
4625382160	4625382160	Quality controls	1/ea
4805658160	04805658160	Handheld Base Unit (HBU)	1/ea
4805640001	04805640001	Rechargeable battery pack	1/ea

Alere Triage® D-Dimer Test

ALERE NORTH AMERICA - The Alere Triage® D-Dimer Test is a rapid, quantitative immunoassay to aid in assessing and evaluating patients with suspected disseminated intravascular coagulation (DIC) and thromboembolic events including pulmonary embolism (PE) and deep vein thrombosis (DVT).

Cat. No.	Mfr. No.	Description	Qty.
BS98100	98100	D-Dimer test	25/tests

Alere Triage® Cardiac panel

ALERE NORTH AMERICA - The Alere Triage® Cardiac panel is a fluorescence immunoassay, to be used with the portable Alere Triage® MeterPro, for quantitative measurements of Myoglobin, CK-MB and Troponin I as an aid in the diagnosis of myocardial infarction (injury).

Cat. No.	Mfr. No.	Description	Qty.
BS97000HS	97000HS	Cardiac panel	1/ea

Alere Triage® MeterPro

ALERE NORTH AMERICA - The Alere Triage® MeterPro is a high-performance, comprehensive testing platform for use in the laboratory or at the point of care. The comprehensive test menu includes cardiovascular, renal, toxicology, and women's health assays (some assays not available in the USA).

- Easy to Use: 20 immunoassays on 1 platform
- Rapid: results in about 15-20 minutes
- Flexible: whole blood, plasma, or urine
- Reliable: controls built into the meter, software, and test device

Cat. No.	Mfr. No.	Description	Qty.
BS55070	55070	MeterPro	1/ea

Alere Triage® BNP Test for Beckman Coulter® Immunoassay Systems

ALERE NORTH AMERICA - The Alere Triage® BNP Test for Beckman Coulter® Immunoassay Systems empowers higher throughput BNP with rapid testing and automation. Provides clinically interchangeable BNP results between the Alere Triage® MeterPro and Beckman Coulter UniCel® DxI 800 or Beckman Coulter Access® 2 Immunoassay System.

- Yields results in about 15 minutes
- Uses plasma sample in EDTA
- Aid in the diagnosis and assessment of severity of CHF

Cat. No.	Mfr. No.	Description	Qty.
BC98200	98200	Reagent kit -	100/tests
BC98202	98202	Calibrator kit - 1 x 1.5mL vial	1/ea

Alere Triage® BNP Test

ALERE NORTH AMERICA - Accelerate Heart Failure treatment decisions or risk stratify ACS at the point of care or in the laboratory with the Alere Triage® BNP Test, a rapid, quantitative test for the measurement of BNP.

- Aid in the diagnosis and assessment of severity of CHF
- Yields results in about 15 minutes
- **CLIA-waived** for use with whole blood
- Plasma or whole blood in EDTA

Cat. No.	Mfr. No.	Description	Qty.
BS98000XR	98000XR	BNP test	25/tests

Triage® BNP Control Kits

ALERE NORTH AMERICA - Rapid, objective point-of-care immunoassay is used as an aid in the diagnosis and severity of CHF.

Cat. No.	Mfr. No.	Description	Qty.
BS98013XR	98013XR	BNP control set, level 1 - 5 vials	1/ea
BS98014XR	98014XR	BNP control set, level 2 - 5 vials	1/ea
BS98015XR	98015XR	BNP calibration verification control kit - 1 per level, 5 levels	1/ea

We are committed.

Our mission is to help you deliver the best possible care. We give you the tools to keep your lab running at its optimal level, so you can focus on what matters most—your patients.

Cardinal Health™ Rapid Tests

Accuracy. Speed. Simplicity.



hCG Rapid tests | Strep A Rapid tests | Mono rapid tests
H. Pylori rapid tests | Crypto Giardia rapid tests

Cardinal Health offers a full line of proven,
cost-effective products and solutions for
your laboratory rapid testing needs.



See pages 99–104 for specific product information.

Rapid Tests - Chlamydia/Crypto Giardia/D-Dimmer



QuickVue® Chlamydia Tests

QUIDEL - Easy to perform and interpret, this rapid chlamydia test consists of an extraction procedure that requires the addition of only two reagents. You can use either endocervical swab or cytology brush specimens for the test. After extraction and neutralization, 3 drops of extracted sample is added to the test cassette sample well, yielding a two-color result within 12 minutes. Vortexing and using a heating block are unnecessary. The test includes built-in controls for your assurance of proper test performance, external positive and negative controls, reagents and test cassettes. 92% sensitivity, 99% specificity overall. Stores at room temperature. 25 tests per kit. CLIA moderate.

Cat. No.	Mfr. No.	Description	Qty.
B1059-10	0B006	QuickVue+® Chlamydia - 25 tests	10 kt/cs
B1059-11C	20228	Chlamydia swab pack	25/kt



Crypto Giardia Rapid Test

CARDINAL HEALTH - Crypto Giardia Rapid Test is a rapid immunoassay for the qualitative detection of Cryptosporidium parvum and Giardia lamblia specific antigens in aqueous extracts of human fecal specimens.

- Simplified procedure, results in less than 30 minutes
- Less than 10 minutes of hands-on-time required
- Sensitivity is 100% for both Giardia and Crypto (as compared to microscopy)*
- Eligible for dual reimbursement**

Cat. No.	Description	Qty.
CH6830	Crypto Giardia test kit	30 tests/kt
CH6870	Crypto Giardia controls	2/bx

* 95% confidence interval

** According to the American Society for Microbiology at asm.org.



Alere Clearview® Simplify D-Dimer Kit

ALERE NORTH AMERICA - Rapid, two-step test is designed for the detection of D-dimer. No additional instrumentation or specialized training is required for administration, and built-in controls ensure accurate results. The test utilizes the patented 3B6/22 Monoclonal Antibody, specific only for D-dimer, which minimizes the false positives that often result in comparable testing procedures.

Cat. No.	Mfr. No.	Description	Qty.
B6775-41A	6100KCV	Clearview D-Dimer test kit	1/ea
B6775-52A	6101KCV	Clearview D-Dimer control kit	1/ea

Point-of-Care

Rapid Tests - *H. pylori*/hCG



***H. pylori* Rapid Test**

CARDINAL HEALTH

- CLIA waived: whole blood
- Moderately complex (nonwaived): serum and plasma
- Time to result: 10 minutes
- Sensitivity: 88%, Specificity: 88%*

Cat. No.	Description	Qty.
B1077-25	<i>H. pylori</i> test	30/bx

* 95% confidence interval



Pregnancy hCG Rapid Test

CARDINAL HEALTH

- CLIA waived: urine
- Moderately complex (nonwaived): serum
- Time to result:
- hCG cassette and dipstick: 3 to 4 minutes
- hCG combo: 3-4 minutes (urine), 5-6 minutes (serum)
- Analytical sensitivity:
- hCG cassette and dipstick: 25mIU/mL
- hCG combo: 20mIU/mL (urine), 10mIU/mL (serum)
- Positive Agreement: >99%*
- Negative Agreement: >99%*

Cat. No.	Description	Qty.
B1077-21	hCG dipstick	50/bx
B1077-22	hCG cassette	30/bx
B1077-23	hCG combo	30/bx
B1077-24	hCG controls (+/-)	2 vials/bx

* For an accuracy of >99%



QuickVue® *H. pylori* Tests

QUIDEL - This test is a simple one-step assay for *H. pylori*. Collect a whole blood, serum or plasma sample from your patient and dispense it onto the test cassette. See results in 5 minutes. 92% agreement with EIA. The test kit includes positive and negative controls, test cassettes, droppers and capillary tubes. Stores at room temperature. **CLIA waived** for whole blood.

Cat. No.	Mfr. No.	Description	Qty.
B1042-48	0W009	<i>H. pylori</i> - 10-tests	10 kt/cs
B1042-49	0W010	<i>H. pylori</i> - 30-tests	10 kt/cs

QuickVue+® hCG Combo Test Kits

QUIDEL - These kits feature a rapid and sensitive immunoassay for the qualitative detection of hCG in serum or urine for the early detection of pregnancy. Just add 4 drops of serum or urine into the sample well and read. Urine results appear in 3 minutes; serum results appear within 5 minutes. QuickVue+® test kits have the ability to detect low hCG levels as early as 2 to 3 days before expected menses. Easy to interpret with the universally recognized two-color, plus/minus (+/-) sign. Built-in procedural controls verify proper test and reagent performance. Test requires no additional reagents. Sensitivity is 10 mIU/mL in serum and 20mIU/mL in urine. Sensitivity, specificity and accuracy are >99%. Stores at room temperature for up to 21 months. **CLIA waived** for urine.



Cat. No.	Mfr. No.	Description	Qty.
B6775-26	00178	QuickVue+® 30 tests	10 kt/cs
B6775-27	00179	QuickVue+® 90 tests	6 kt/cs
B6775-28A	00281	Serum hCG control set, 1 vial each of negative and high/low positive controls	1/ea



Hemasure® iFOB Tests

HEMOSURE - Hemasure® iFOB tests are specifically designed for colorectal cancer screening. Clinicians can expect higher patient compliance due to no dietary or drug restrictions. Compared to guaiac testing, the test is more sanitary and user-friendly. Also provides higher specificity, sensitivity and accuracy as compared to the traditional guaiac test.

Cat. No.	Mfr. No.	Description	Qty.
U2315-70	T1-CK10	10 test cassettes - 10 collection tubes - 10 home kit mailer kits	10/box
U2315-71	T1-CK30T	30 test cassettes - 30 collection tubes	30/box
U2315-72	T1-CK30	30 test cassettes - 50 collection tubes - 50 mailers	30/box
U2315-73	T1-CK50	50 test cassettes - 50 collection tubes	50/box
U2315-76	DUO-IFOB20	20 cassettes - 10 home mailer kits	20/box
Replacement components			
U2315-80	T1-TC01	Negative and positive controls	10/box
U2315-82	T1-CT30	Test cassette	30/box
T1CT50-HOL	T1-CT50	Test cassette	50/box, 8 bx/cs
U2315-78	T1-TB10	Collection tubes	10/box
U2315-79	T1-TB50	Collection tubes	50/box
U2315-77	T1-CM50	Home kit mailers - no tubes	50/box
U2315-81	DUO-CM10	Home mailer kits - 2 collection tube	10/box
PREPKCKCM25	PREPACK-CM25	Home mailer kits - 1 collection tube	25/bx, 8 bx/cs

QuickVue® iFOB Fecal Occult Blood Testing Kits

QUIDEL - The QuickVue® iFOB test is intended for the qualitative detection of fecal occult blood with results available in 5 to 10 minutes. More sensitive than traditional guaiac-based methods, it has no dietary restrictions and requires only one specimen collection from the patient. It offers analytical sensitivity of 50 ng hHb/mL buffer or 50 µg hHb/g feces, specific to human hemoglobin. The specimen collection tube doubles as a convenient/sanitary dispenser.

Kits can be stored at room temperature for 24 months from date of manufacture. External controls (positive and negative) are also available separately. **CLIA waived.**



Cat. No.	Mfr. No.	Description	Qty.
B1042-51	20196	10-test specimen collection and return kit	12 kt/cs
B1042-52	20194	20-test kit (complete)	10 kt/cs
B1043-40	20204	40 specimen collection kits	6 kt/cs
B1042-92	20201	50-test tray pack (test cassettes and collection tubes)	8 kt/cs
B1043-100	20205	100-test cassettes only	6 kt/cs
External controls			
B1042-47	20197	External controls set	6 kt/cs

Point-of-Care

Rapid Tests - Influenza/MONO



QuickVue® Influenza Tests

QUIDEL - Detect influenza type A and B viral antigens from a nasal swab or nasal aspirate/nasal wash specimen with this test kit. Each test requires only one reagent and 30 seconds of hands-on time and can be completed in either three steps from nasal swab or just one step from nasal aspirate/nasal wash. No instrumentation is required. Two-color results are ready in 10 minutes or less and are easy-to-read for decreased risk of misinterpretation. A pictorial guide makes it easy to understand the testing procedure.

The 25-test kit is ideal for batch testing and includes everything you need to perform the test, including swabs and positive and negative controls. Kit can be stored at room temperature and has a 24-month shelf life from date of manufacture. **CLIA waived.**

Cat. No.	Mfr. No.	Description	Qty.
B6948-2	00317	QuickVue® Influenza - 25 tests	10 kt/cs
B6948-4A	20103	Nasal swab pack	25/kt



MONO Rapid Test

CARDINAL HEALTH

- **CLIA waived:** whole blood (finger stick or venipuncture)
- Moderately complex (nonwaived): serum and plasma
- Cassette format
- Time to result: 5 minutes
- Simple two-step procedure
- Positive Agreement 98%; Negative Agreement >99%**
- Not validated for patients under 18 years of age

Cat. No.	Description	Qty.
B1077-28	MONO test	30/bx

*Agreement across all sample types

**97.5% Confidence Interval (for Negative Agreement)



QuickVue® Influenza A+B Tests

QUIDEL - This test kit allows for the differential detection of influenza type A or type B viral antigens in 10 minutes or less. The kit is easy-to-use with only one step required for nasal wash/aspirate, three steps for nasal or nasopharyngeal swabs, one reagent and only 30 seconds of hands-on time. Each 25-test kit contains everything needed to perform the test. Included in each kit are 25 test strips, external positive A and B control swabs, a negative control swab, 25 reagent solution vials, 25 reagent tubes, 25 droppers, 25 sterile collection swabs, a procedure card and a package insert. **CLIA waived.** Kits can be stored at room temperature for 24 months from date of manufacture. Transport swab set B6948-5 is a set of extra foam-tipped swabs for use with influenza test kit B6948-6.

Cat. No.	Mfr. No.	Description	Qty.
B6948-6	20183	Influenza A+B - 25-tests	10 kt/cs
B6948-5	20171	Transport swab set	250/cs



MONO II Rapid Test

CARDINAL HEALTH

- **CLIA waived:** whole blood (finger stick or venipuncture)
- Moderately complex (nonwaived): serum and plasma
- Dipstick format: Two-color results
- Time to result: 5 minutes or less
- ≥99% Sensitivity**; 96% specificity
- No age restriction: Please see instructions for use for full prescribing information. A heterophile antibody response is observed in approximately 80-90% of adults and children with EBV-caused IM. This percentage drops to approximately 50% for children under four years of age¹.

Cat. No.	Description	Qty.
CH1145	MONO II rapid test	25 tests/kt

**Test was compared to latex agglutination and discrepant results were then resolved with EBV serological testing.

¹ Lennette, E.T., Epstein-Barr Virus, in *Manual of Clinical Microbiology*. Balows, A., Hausler, W.J. Jr., Herrmann, K.L., Isenberg, H.D., Shadomy, H. J., Editors, 5th Edition, American Society for Microbiology, Washington D.C., pp847-852, 1991.



QuickVue® Mononucleosis Tests

QUIDEL - This infectious mononucleosis test is a rapid, sensitive immunoassay for the detection of IgM heterophile antibodies in acute phase infections using serum, plasma or whole blood. Utilizes an extract of bovine erythrocytes, which give a greater sensitivity and specificity than similar extracts prepared from sheep and horse erythrocytes.

Clearly distinguishable +/- endpoint and flexible specimen collection options make testing easy for anyone in your office or lab. A test complete indicator appears in about 5 minutes to let you know when the test can be read. Overall accuracy of the test is >99% compared to EIA and slide hemagglutination. The built-in controls satisfy CLIA requirements for daily QC. The 20-test kit contains positive and negative external controls and stores at room temperature for 24 months from date of manufacture. **CLIA waived** for whole blood, moderate for serum or plasma.

Cat. No.	Mfr. No.	Description	Qty.
B1049-00A	20121	Mononucleosis - 20 tests	12 kt/cs



QuickVue® RSV Test Kits

QUIDEL - Detect respiratory syncytial virus (RSV) from a nasopharyngeal swab, nasopharyngeal aspirate or nasal/nasopharyngeal wash with this easy-to-use test kit. Because RSV is a leading cause of bronchiolitis and pneumonia among infants, rapid detection and patient management are crucial. The three-step procedure requires only one reagent and 30 seconds of hands-on time. Dipstick test format features a built-in internal control. Two-color results are available in 15 minutes or less and are easy-to-read and interpret. Kit includes everything you need to perform 20 tests, including nasopharyngeal swabs and positive and negative external controls. Test has a 92% sensitivity and a 92% specificity with nasopharyngeal swab samples, a 99% sensitivity and 92% specificity with nasopharyngeal aspirate samples and an 83% sensitivity and 90% specificity with nasal/nasopharyngeal wash samples. Store the kit at room temperature. Kits have a 24-month shelf life from date of manufacture. **CLIA-waived**.

Cat. No.	Mfr. No.	Description	Qty.
B6775-2	20193	QuickVue® RSV - 20-tests	12 kt/cs



QuickVue® RSV10 Test

QUIDEL - The QuickVue RSV 10 Test is a dipstick immunoassay that detects respiratory syncytial virus (RSV) antigen directly from nasopharyngeal swab or nasopharyngeal aspirate/wash specimens for symptomatic pediatric patients (five years of age and younger). The test includes internal and external controls for your assurance of proper test performance. Sensitivity: 86% - Nasopharyngeal swab; 90% Nasopharyngeal aspirate/wash. Specificity: 95% - Nasopharyngeal swab; 96% Nasopharyngeal aspirate/wash. Results in 10 minutes. Each kit contains 25 tests. **CLIA moderate**.

Cat. No.	Mfr. No.	Description	Qty.
B1049-55	20222	QuickVue® RSV 10 - 25 tests	10 kt/cs



Strep A Rapid Test

CARDINAL HEALTH

- **CLIA waived:** dipstick test
- Time to result: 5 minutes
- Sensitivity: 97%*
- Specificity: 95%*

Cat. No.	Description	Qty.
B1077-30	Strep A dipstick	30/bx

*95% Confidence Interval

Point-of-Care

Rapid Tests - Strep A/Sofia Kits



QuickVue In-Line® Strep A Tests

QUIDEL - This test with unique in-line extraction allows for the rapid detection of group A streptococcal antigen directly from patient throat swab specimens. The test is specific to group A, with no cross-reactivity from other groups of streptococci. Overall accuracy is 96%. Simply place swab in the device, add extraction solution and read the results in just 5 minutes. A two-color readout makes results easy to read. Each test includes a built-in control. Control swab set B1049-35 contains positive control with heat-inactivated group A streptococcus and negative control with heat-inactivated group C streptococcus. **CLIA waived.**

Cat. No.	Mfr. No.	Description	Qty.
B1049-30A	00343	Strep A - 25 tests	12 kt/cs
B1049-33	00347	Sterile rayon-tipped throat swab	75/pk
B1049-35A	00345	Positive and negative control swab set	1/ea
B1049-36	00354	Positive and negative liquid control set	1/ea



Sofia

QUIDEL - Sofia integrates proven lateral-flow technology, proprietary advanced fluorescence chemistry and assay development techniques into a small, easy-to-use, bench-top analyzer. Sofia uses complex technology for rapid, accurate and objective results, reducing operator-to-operator interpretation variability. Two work modes provide flexibility based on specific workload. Sofia offers a growing menu of next generation lateral-flow fluorescent tests.

Cat. No.	Mfr. No.	Description	Qty.
20218A	20218	Influenza A+B FIA - 25 tests	12 kt/cs
20253A	20253	Strep A FIA - 25 tests	12 kt/cs
20260-QUID	20260	RSV FIA - 25 tests	12 kt/cs
20229A	20229	hCG FIA - 50 tests	12 kt/cs
20274	20274	Strep A+ - 25 tests	12 kt/cs



QuickVue+® Strep A Tests

QUIDEL - The QuickVue+® Strep A test allows the rapid detection of group A streptococcal antigen directly from throat swabs and beta-hemolytic colonies on blood agar plates. Clearly distinguishable +/- end point and two-reagent extraction make testing easy. A test-complete indicator appears in about 5 minutes to let you know results can be read. Overall accuracy of the test is 98% with a sensitivity of 95% and specificity of 98%. The kit stores at room temperature and contains positive and negative external controls and 25 individually-packaged sterile rayon-tipped throat swabs (which are also available separately). **CLIA moderate.**

Cat. No.	Mfr. No.	Description	Qty.
B1049-40	20122	QuickVue+® Strep A - 25 tests	12 kt/cs
B1049-41C	20227	Strep A swab pack	50/kt

Sofia Starter Kits

QUIDEL

Cat. No.	Mfr. No.	Description	Qty.
20262	20262	hCG FIA starter kit - 3 kits	50 tst/kt
20263	20263	hCG FIA starter kit - 9 kits	50 tst/kt
20249	20249	Influenza A+B FIA and barcode scanner kit	25 tst/kt
20251	20251	Influenza A+B starter kit - 3 kits	25 tst/kt
Q20241	20241	Influenza A+B starter kit - 9 kits	25 tst/kt
20264-QUID	20264	RSV FIA starter kit - 3 kits	25 tst/kt
20265-QUID	20265	RSV FIA starter kit - 9 kits	25 tst/kt
20280	20280	Strep A starter kit - 3 kits	25 tst/kt
20281	20281	Strep A starter kit - 9 kits	25 tst/kt
20258	20258	Strep A FIA CLIA-moderate starter kit - 25 tests per kit, 3 kits	12 kt/cs
20259	20259	Strep A FIA CLIA-moderate starter kit - 25 tests per kit, 9 kits	12 kt/cs

Rockers/Rotators



Nutating Rocker

CARDINAL HEALTH - This platform rocker provides a three-dimensional "nutating" motion for moderately aggressive mixing. The size and rubber mat configuration allows for thorough, foam-free mixing in blood tubes and centrifuge tubes as well as in a variety of flat vessels. The supplied, autoclavable, dimpled mat holds tubes securely in place on its large, 12 x 12 in surface. The maintenance-free, brushless motor is capable of handling loads up to 2kg.

Specifications:

Speed range	24 rpm
Tilt angle	±20°
Platform size	12 x 12 in. (30 x 30cm)
Load capacity	3.5 lbs. (1.6kg)
Operating temperature range	+4°C to +65°C
Dimensions (W x D x H)	12 x 12 x 8.3 in. (30.5 x 30.5 x 21.1cm)
Weight	4.4 lbs. (2kg)
Electrical.....	115V AC, 60Hz, 0.4A

Cat. No.	Description	Qty.
CH3D1320	Nutating rocker	1/ea



Rotator

CARDINAL HEALTH - This rotator is designed to provide the speed and tilt angle required for a broad range of molecular and biological mixing applications. The user can adjust both parameters to match the vessel size and the volume of liquid being mixed, yielding high-quality results. The rocking speed is easily set using the front knob while the tilt angle can be changed without tools or disassembly; simply grip the platform and move to the desired angle. Low speeds and a minimal tilt angle create a gentle wave motion, required for most blot washing. Higher speeds and steeper angles produce more aggressive agitation for vigorous sample mixing. Rotator comes standard with autoclavable dimpled and flat mats and maintenance-free, brushless motors.

Specifications:

Speed range	Variable, 2 to 30 rpm
Tilt angle	Variable, 0 to 30°
Load capacity.....	4.4 lbs. (2kg)
Operating temperature range	+4°C to +65°C
Platform Dimensions (W x D)	12 x 12 in. (30 x 30cm)
Exterior Dimensions (W x D x H)	14 x 12 x 8 in. (35 x 30 x 20cm)
Weight	7.5 lbs. (3.4kg)
Electrical.....	115V AC, 60Hz, 0.3A

Cat. No.	Description	Qty.
CH3D2300	Rotator	1/ea



Tube Rocker

CARDINAL HEALTH - This tube rocker is designed to provide the ideal speed and tilt angle (24 rpm/30°) for agitation of sample tubes. The grooved design of the included rubber mat properly secures all tube sizes ranging from 1.5 to 50mL, without the use of added straps or bands. No complicated controls, settings or adjustments to be made; just press the power switch and let it rock. Small in size (only 5.3 x 13.3 in.) and able to withstand temperatures from 4°C to 65°C, this tube rocker is small enough to fit on any lab bench.

Specifications:

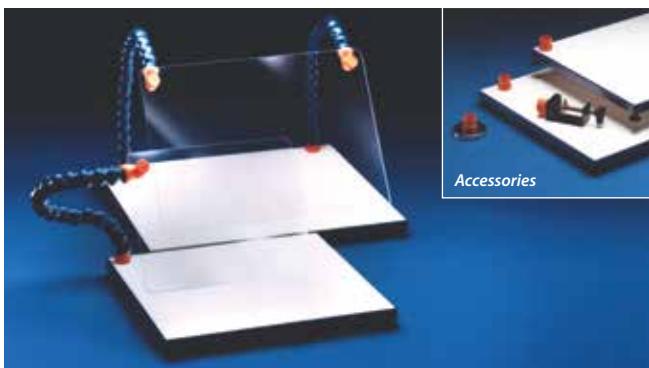
Speed range	Fixed, 24 rpm
Tilt angle	±30°
Capacity.....	8 x 50mL, 15 x 5mL, 7mL, 10mL or 15mL* 30 x 1.5/2.0mL
Operating temp. range	+4°C to +65°C
Platform Dimensions (W x D)	12 x 4.5 in. (30 x 11.4cm)
Exterior Dimensions (W x D x H)	13.3 x 5.3 x 4 in. (33.6 x 13.5 x 10cm)
Weight	4 lbs. (1.8kg)
Electrical.....	115V, 50-60Hz, 50W

*15mL blood collections tubes (16 x 125mm.) extend off the platform surface.

Cat. No.	Description	Qty.
CHM2100	15-place compact rocker with grooved mat	1/ea

Safety

Lab Shields and Guards



Flex Shields

CARDINAL HEALTH - 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 larger laminated base.

Lexan® is a registered trademark of Sabic Innovative Plastics.

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
Accessories (H x W x D)			
S1389-94	Larger base for S1389-93	¾ x 16 x 14 in.	1/ea
S1389-97	Larger base for S1389-95	¾ x 20 x 16 in.	1/ea
S1389-98	C-clamp, up to 2 in. grip		1/ea



*Tapered Biohazard/Beta Shields

CARDINAL HEALTH - The lower portion of the 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 a 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 ⅓ 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, ⅓ in. thick	1/ea
S1389-152	Curved biohazard splash shield, ¼ in. thick	1/ea



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 Sabic Innovative Plastics.

VELCRO® is a registered trademark of Velcro Industries, B.V.

Cat. No.	Description	Qty.
S1389-143A	Septa shield	1/ea
S1389-100	Replacement visor	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 ⅓ 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

*The products in this catalog may not protect against secondary or other (non-beta) sources of radiation. Users should follow all federal, state and local requirements as they pertain to radiation safety and monitoring.

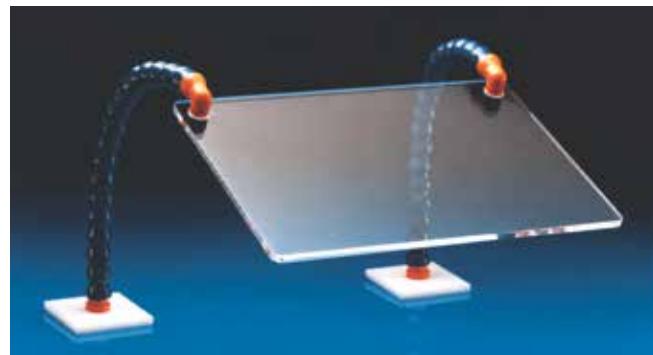


Blood Aerosol Guards

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 $\frac{3}{8}$ 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



*Beta Flex Shield

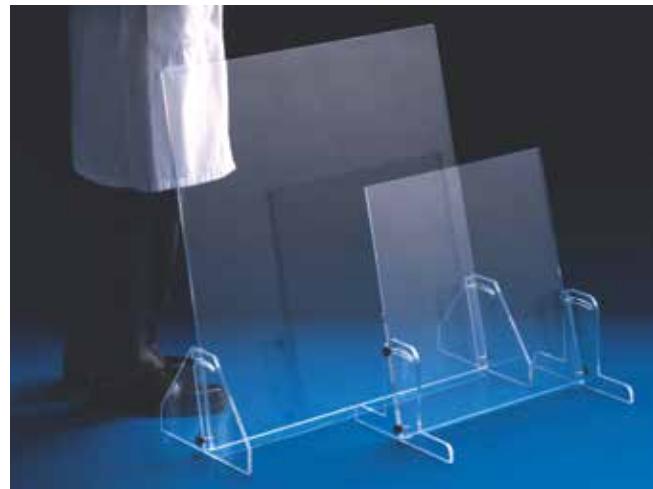
CARDINAL HEALTH - Beta flex shield, made of $\frac{3}{8}$ in. thick acrylic, is for use when dealing with beta-emitting isotopes. The shield is supported by two flexible 18 in. tubes that allow the shield to be adjusted to many different positions. The shield can be attached to most laboratory surfaces 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



*Splash Shields

CARDINAL HEALTH - Four sizes of freestanding biohazard shields provide a clear protective $\frac{3}{8}$ in. barrier between laboratory personnel and biohazardous materials. The shields taper back at an angle for easy viewing while their 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.



Adjustable Safety Shields

CARDINAL HEALTH - 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.
S1389-75	Cell counter	10 $\frac{1}{4}$ x 8 x 6 $\frac{3}{4}$ in.	1/ea
S1389-76	Small	14 $\frac{3}{4}$ x 12 x 8 in.	1/ea
S1389-77	Large	20 $\frac{1}{2}$ x 18 x 12 in.	1/ea
S1389-88	Slim-line	20 $\frac{3}{4}$ x 14 x 12 $\frac{1}{2}$ in.	1/ea

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

*The products in this catalog may not protect against secondary or other (non-beta) sources of radiation. Users should follow all federal, state and local requirements as they pertain to radiation safety and monitoring.

Specimen Transport/Storage

Blood Collection - Needles and Accessories



BD Vacutainer® Eclipse™ Blood Collection Needles

BD - BD Vacutainer® Eclipse™ Blood Collection needles are safety-engineered, multi-sample blood collection needle that offer a simple, effective way to collect blood while reducing the possibility of needlestick injuries. Needles feature a safety shield that allows for one-handed activation to cover the needle immediately upon withdrawal from the vein and confirms proper activation with an audible click. Also available with a pre-attached holder, maximizing OSHA compliance by protecting clinicians from potential front and back-end needlestick injuries.

Cat. No.	Mfr. No.	Description	Qty.
368608	368608	22G x 1¼ in. with Luer adapter	48/bx, 10 bx/cs
368607	368607	21G x 1¼ in. with Luer adapter	48/bx, 10 bx/cs
B3036-31	368650	21G x 1¼ in. with pre-attached holder	100/cs
B3036-32	368651	22G x 1¼ in. with pre-attached holder	100/cs

BD Vacutainer® Push Button Blood Collection Sets

BD - The BD Vacutainer® Push Button Blood Collection sets offer a clinically demonstrated split-second retracting safety needle to help reduce costly needlestick injuries. It is available with a pre-attached holder for added convenience and to help meet OSHA single-use standards.



Cat. No.	Mfr. No.	Description	Qty.
7 in. tubing with Luer			
BF367335	367335	25G x ¾ in.	50/bx, 4 bx/cs
BF367336	367336	23G x ¾ in.	50/bx, 4 bx/cs
BF367338	367338	21G x ¾ in.	50/bx, 4 bx/cs
12 in. tubing with Luer			
B2951-96	367341	25G x ¾ in.	50/bx, 4 bx/cs
B2951-97	367342	23G x ¾ in.	50/bx, 4 bx/cs
B2951-98	367344	21G x ¾ in.	50/bx, 4 bx/cs
12 in. tubing with preattached holder			
BF368659	368659	25G x ¾ in	20/bx, 5 bx/cs
BF368656	368656	23G x ¾ in.	20/bx, 5 bx/cs
BF367352	367352	21G x ¾ in.	20/bx, 5 bx/cs
12 in. tubing without Luer			
BF367323A	367323	25G x ¾ in.	50/bx, 4 bx/cs
BF367324A	367324	23G x ¾ in.	50/bx, 4 bx/cs
BF367326A	367326	21G x ¾ in.	50/bx, 4 bx/cs

BD Vacutainer® Safety-Lok™ Blood Collection Sets

BD - The BD Vacutainer® Safety-Lok™ Blood Collection sets are simple and easy to use. The safety mechanism can be activated immediately after the blood draw, helping to protect you against needlestick injury. Also offered with a pre-attached holder for added convenience and to help meet OSHA single-use holder standards.



Cat. No.	Mfr. No.	Description	Qty.
With 25G, ¾ in. needle			
B3036-19A	367294	With Luer adapter, 7 in. tubing	50/pk, 4 pk/cs
B3036-22	367285	With Luer adapter, 12 in. tubing	50/pk, 4 pk/cs
B3036-16A	367298	Without Luer adapter, 12 in. tubing	50/pk, 4 pk/cs
With 23G, ¾ in. needle			
B3036-18	367292	With Luer adapter, 7 in. tubing	50/pk, 4 pk/cs
B3036-20	367283	With Luer adapter, 12 in. tubing	50/pk, 4 pk/cs
B3036-15A	367297	Without Luer adapter, 12 in. tubing	50/pk, 4 pk/cs
B3036-24	368653	With pre-attached holder, 12 in. tubing	25/pk, 8 pk/cs
With 21G, ¾ in. needle			
B3036-17A	367287	With Luer adapter, 7 in. tubing	50/pk, 4 pk/cs
B3036-21	367281	With Luer adapter, 12 in. tubing	50/pk, 4 pk/cs
B3036-14	367296	Without Luer adapter, 12 in. tubing	50/pk, 4 pk/cs
B3036-23	368652	With pre-attached holder, 12 in. tubing	25/pk, 8 pk/cs

BD Vacutainer® Blood Transfer Device

BD - Transferring venous blood from a syringe and needle to a blood collection tube or blood culture bottle is both a dangerous procedure and an OSHA-prohibited practice. The BD Vacutainer® Blood Transfer Device was designed with healthcare workers' safety in mind. This single-use device reduces the risk of transfer-related injuries, while maintaining the specimen integrity required for accurate results



Cat. No.	Mfr. No.	Description	Qty.
364880A	364880	Blood transfer device	200/cs

Specimen Transport/Storage

Blood Collection - Needles and Accessories/Tubes

BD Vacutainer® Luer-Lok™ Access Device

BD - The BD Vacutainer® Luer-Lok™ Access Device is designed for sterile, secure and safer specimen sampling. This device provides the security of a threaded, locking luer connection—the patented BD Vacutainer® Luer-Lok™ that replaces a Luer slip device. The product is also compatible with a female luer connection or needless IV site designed for Luer-lock access and the Luer-locking Foley catheter sampling ports.



Cat. No.	Mfr. No.	Description	Qty.
364902A	364902	Luer-Lok™ access device	200/cs
B3035-12	367290	BD Vacutainer® Luer adapter	100/bx, 10 bx/cs



BD Vacutainer® Specimen Collection Assembly

BD - This product is compatible with any split-septum collection port designed for blunt plastic cannula access.

Cat. No.	Mfr. No.	Description	Qty.
BF303380	303380	Specimen collection assembly with BD blunt plastic cannula	25/bx, 8 bx/cs

BD Microtainer® Tube Extender

BD - This optional extender facilitates the handling of BD Microtainer® tubes with BD Microgard™ closure. Extender makes it easier to label specimens and fits easily into standard tube racks.



Cat. No.	Mfr. No.	Description	Qty.
B2975-51A	365976	Extender for BD Microtainer® tubes with BD Microgard™ closure	50/bx, 4 bx/cs

BD Vacutainer® Holders

BD - The BD Vacutainer® one use holder is compatible with the entire BD Vacutainer® Blood Collection System: BD Vacutainer® Eclipse™ Blood Collection Needles, BD Vacutainer® Safety-Lok™ Blood Collection Sets, BD Vacutainer® Push Button Blood Collection Sets and the BD Vacutainer® Multi Sample Luer Adapter.



Cat. No.	Mfr. No.	Description	Qty.
364815	364815	One-use holder	250/bx, 4 bx/cs
B3035-13	364597	Ribbed pediatric tube adapter	10/bx, 10 bx/cs



BD Microtainer® Blood Collection Tubes

BD - BD Microtainer® Blood Collection Tubes were designed for ease-of-use and help to ensure that a quality capillary blood sample is collected. The wider-diameter BD Microtainer® Tube with BD Microgard™ closure features an integrated collector and improved mixing ability. This full array of microcollection tubes is available for hematology and chemistry applications and is color-coded to match the array of evacuated BD Vacutainer® Blood Collection Tubes.

Cat. No.	Mfr. No.	Description	Qty.
BD Microtainer® tubes with BD Microgard™ closure			
365967	365967	Gold closure, clot activator/ SST™ gel	50/bx, 4 bx/cs
365978	365978	Gold closure, clot activator/ SST™ gel (amber)	50/bx, 4 bx/cs
365963	365963	Red closure, silicone-coated	50/bx, 4 bx/cs
B2975-12	365974	Lavender closure, K ₂ EDTA	50/bx, 4 pk/cs
365985	365985	Mint green closure, lithium heparin/PST™ gel	50/bx, 4 bx/cs
365987	365987	Mint green closure, lithium heparin/PST™ gel (amber)	50/bx, 4 bx/cs
365965	365965	Green closure, lithium heparin	50/bx, 4 bx/cs
365992	365992	Gray closure, NaF/Na ₂ EDTA	50/bx, 4 bx/cs

BD Microtainer® MAP Microtube for Automated Process

BD - BD Microtainer® MAP Microtube for Automated Process is a one-piece instrument-compatible microtube that offers both standard full-size patient identification labels as well as compatibility with most automated hematology instruments. The BD Microtainer® MAP tube is designed to improve the accuracy and processing time of capillary blood collection and testing in fragile-vein individuals, such as infants, children, oncology patients and the elderly.

Cat. No.	Mfr. No.	Description	Qty.
363706	363706	1mg K ₂ EDTA additive - 13 x 75mm plastic tube, fill volume 250-500µL, BD Microgard™ lavender closure	50/pk, 4 pk/cs

Specimen Transport/Storage

Blood Collection - Tubes



BD Vacutainer® Citrate Tubes

BD - BD Vacutainer® Citrate Tubes with 3.2% buffered sodium citrate solution are used for routine coagulation studies.

Cat. No.	Mfr. No.	Description	Qty.
Glass coagulation tubes with sodium citrate concentration and conventional light blue closure			
B2994-63A	366392	10.25 x 47mm with paper label - 1.8mL draw	100/bx, 10 bx/cs
B2994-90A	366393	10.25 x 64mm with paper label - 2.7mL draw	100/bx, 10 bx/cs
B2994-91	366415	13 x 75mm with paper label - 4.5mL draw	100/bx, 10 bx/cs
Plastic coagulation tubes with sodium citrate concentration and BD Hemogard™ light blue closure			
363083	363083	13 x 75mm with paper label - 2.7mL draw	100/pk, 10 pk/cs
363080B	363080	13 x 75mm with paper label - 1.8mL draw	100/pk, 10 pk/cs
Glass coagulation tubes with sodium citrate concentration and BD Hemogard™ light blue closure			
367947	367947	13 x 75mm with paper label - 4.5mL draw	100/pk, 10 pk/cs
B2952-3	369714	13 x 75mm with paper label - 4.5mL	100/pk, 10 pk/cs



BD Vacutainer® EDTA Tubes

BD - BD Vacutainer® spray-coated EDTA Tubes are used for whole blood hematology determinations, immunohematology testing and blood donor screening.*

Cat. No.	Mfr. No.	Description	Qty.
Plastic whole blood tube with K₂EDTA and lavender conventional closure			
368661	368661	13 x 100mm with paper label - 6mL draw	100/pk, 10 pk/cs
Glass whole blood tube with liquid EDTA (K₃), uncoated			
B2991-52	366450	13 x 100mm with paper label - 7mL draw	100/pk, 10 pk/cs
Plastic whole blood tubes with K₂EDTA and BD Hemogard™ lavender closure			
B2953-7	367841	13 x 75mm with paper label - 2mL draw	100/pk, 10 pk/cs
B2953-8	367856	13 x 75mm with paper label - 3mL draw	100/pk, 10 pk/cs
B2953-12	367861	13 x 75mm with paper label - 4mL draw	100/pk, 10 pk/cs
Plastic whole blood tubes with K₂EDTA and BD Hemogard™ lavender closure (continued)			
B2953-32	367862	13 x 75mm with see-thru label - 4mL draw	100/pk, 10 pk/cs
B2953-11	367863	13 x 100mm with paper label - 6mL draw	100/pk, 10 pk/cs
B2970-48	366643	16 x 100mm with see-thru label - 10mL draw	100/pk, 10 pk/cs
Plastic whole blood tubes with K₂EDTA and BD Hemogard™ pink closure			
B2953-30	367842	13 x 75mm with crossmatch paper label - 2mL draw	100/pk, 10 pk/cs
367899	367899	13 x 100mm with crossmatch paper label - 6mL draw	100/pk, 10 pk/cs
Plastic whole blood tubes with K₂EDTA and conventional closure			
B2953-44	367844	13 x 75mm with paper label - 4mL draw - lavender closure	100/pk, 10 pk/cs
BF368589	368589	16 x 100mm with cross-match label - 10mL - pink conventional closure	100/pk, 10 pk/cs
367835	367835	13 x 75mm x 3mL - lavender closure	100/bx, 10 bx/cs

*The performance characteristics of these tubes have not been established for infectious disease and immunohematology testing in general; therefore, users must validate the use of these tubes for their specific assay-instrument/reagent system combinations and specimen storage conditions.

Specimen Transport/Storage

Blood Collection - Tubes



BD Vacutainer® Heparin Tubes

BD - BD Vacutainer® Heparin Tubes are spray-coated with either lithium heparin or sodium heparin. Samples collected in these tubes are used for plasma determinations in chemistry.

Cat. No.	Mfr. No.	Description	Qty.
Glass plasma tube with sodium heparin and BD Hemogard™ green closure			
B2951-30	367671	13 x 75mm with paper label - 2mL draw	100/pk, 10 pk/cs
Plastic plasma tubes with lithium heparin and BD Hemogard™ green closure			
B2953-33	367884	13 x 75mm with paper label - 4mL draw	100/pk, 10 pk/cs
B2953-10	367886	13 x 100mm with paper label - 6mL draw	100 /pk, 10 pk/cs
Plastic plasma tubes with lithium heparin and green conventional closure			
B2970-47	366664	13 x 75mm with paper label - 2mL draw	100/pk, 10 pk/cs
B2970-49	366667	13 x 75mm with paper label - 3mL draw	100/pk, 10 pk/cs
B2953-80	367880	16 x 100mm with paper label - 10mL draw	100/pk, 10 pk/cs
Plastic plasma tubes with sodium heparin and BD Hemogard™ green closure			
B2953-71	367871	13 x 75mm with paper label - 4mL draw	100/pk, 10 pk/cs
B2963-66	367878	13 x 100mm with paper label - 6mL draw	100/pk, 10 pk/cs
B2953-74	367874	16 x 100mm with paper label - 10mL draw	100/pk, 10 pk/cs
Glass plasma tube with sodium heparin and conventional green closure			
B2984-54	366480	16 x 100mm with paper label - 10mL draw	100/pk, 10 pk/cs



BD Vacutainer® Plasma Preparation Tube (PPT™)

BD - The one-step, closed system tube for blood collection, undiluted plasma preparation and transportation offers convenience, safety and high-quality plasma for molecular diagnostic testing.

Cat. No.	Mfr. No.	Description	Qty.
K₂EDTA, polymer gel and BD Hemogard™ pearl white closure			
362788	362788	13 x 100mm with Mylar® label - 5mL draw	100/pk, 10 pk/cs



BD Vacutainer® PST™ Tubes

BD - BD Vacutainer® PST™ Tubes contain spray-coated lithium heparin and a polymer gel for plasma separation. Samples processed in these tubes are used for plasma determinations in chemistry. BD Vacutainer® PST™ Lithium Heparin Tubes eliminate the need to wait for a clot to form, making it an ideal tube for STAT procedures, as well as for patients receiving anticoagulant therapy. They provide the convenience of gel separation with the added advantage of improved turnaround time.

Cat. No.	Mfr. No.	Description	Qty.
Plastic BD PST™ tubes with lithium heparin, polymer separator gel and BD Hemogard™ light green closure			
B2953-60	367960	13 x 75mm with paper label - 3mL draw	100/pk, 10 pk/cs
B2953-61			
B2953-62	367962	13 x 100mm with paper label - 4.5mL draw	100/pk, 10 pk/cs
B2953-63	367963	13 x 100mm with see-thru label - 4.5mL draw	100/pk, 10 pk/cs
Plastic BD PST™ tubes with lithium heparin, polymer separator gel and green/gray conventional closure			
BF368824	368824	16 x 100mm with paper label - 4mL draw	100/pk, 10 pk/cs
B2970-52	368056	13 x 75mm with paper label - 3mL draw	100/pk, 10 pk/cs
B2953-64	367964	16 x 100mm with paper label - 8mL draw	100/pk, 10 pk/cs



BD Vacutainer® Mononuclear Cell Preparation Tube (CPT™)

BD - The one-step, closed-system tube for blood collection, mononuclear cell separation and transportation offers convenience, safety and reproducibility contributing to increased lab productivity.

Cat. No.	Mfr. No.	Description	Qty.
B2973-2	362760	Sodium citrate, 13 x 100mm - 4mL draw - glass tube with Mylar® label	60/cs
B2973-3	362761	Sodium citrate, 16 x 125mm - 8mL draw - glass tube with Mylar® label	60/cs
B2973-1	362753	Sodium heparin, 16 x 125mm - 8mL draw - glass tube with Mylar® label	60/cs

Specimen Transport/Storage

Blood Collection - Tubes



BD Vacutainer® Rapid Serum Tube

BD - BD Vacutainer® Rapid Serum Tube (RST) contain thrombin-based clot activator and polymer gel for serum separation. Samples processed in this tube is used for serum determinations in chemistry. A 5-minute clotting time makes this tube ideal for STAT testing in the emergency department as well as clinical laboratories striving to improve test turnaround and workflow efficiencies.

Cat. No.	Mfr. No.	Description	Qty.
BF368774	368774	5mL draw, 13 x 100mm, BD Hemogard™ orange closure	100/sp, 10 sp/cs



BD Vacutainer® Serum Tubes

BD - BD Vacutainer® Plus Plastic Serum Tubes have spray-coated silica and are used for serum determinations in chemistry. Samples processed in these tubes may also be used for routine blood donor screening, immunohematology and diagnostic testing of serum for infectious disease.*

Cat. No.	Mfr. No.	Description	Qty.
Plastic serum tubes with clot activator, silicone-coated interior and BD Hemogard™ red closure			
B2953-34	367812	13 x 75mm with paper label - 4mL draw	100/pk, 10 pk/cs
B2953-36	367814	13 x 100mm with paper label - 5mL draw	100/pk, 10 pk/cs
B2953-4	367815	13 x 100mm with paper label - 6mL draw	100/pk, 10 pk/cs
Plastic serum tubes with clot activator, silicone-coated interior and red conventional closure			
B2970-50	366668	13 x 75mm with paper label - 3mL draw	100/pk, 10 pk/cs
B2953-37	367820	16 x 100mm with paper label - 10mL draw	100/pk, 10 pk/cs
Glass serum tubes, no additive, silicone-coated and red conventional closure			
B2983-52	366431	13 x 100mm with paper label - 7mL draw	100/pk, 10 pk/cs
B2983-54	366430	16 x 100mm with paper label - 10mL draw	100/pk, 10 pk/cs
Glass serum tubes, uncoated and red conventional closure			
B2982-54C	366441	16 x 100mm with paper label - 10mL draw	100/pk, 10 pk/cs
Plastic serum tubes, silicone-coated with clot activator and red conventional closure			
368660	368660	13 x 100mm with paper label - 6mL draw	100/pk, 10 pk/cs

*The performance characteristics of these tubes have not been established for infectious disease and immunohematology testing in general; therefore, users must validate the use of these tubes for their specific assay-instrument/reagent system combinations and specimen storage conditions.



BD Vacutainer® Specialty Tubes

BD - BD offers a wide array of tubes to meet your specialty testing requirements.

Cat. No.	Mfr. No.	Description	Qty.
Glass tubes for blood banking studies, HLA phenotyping, DNA and paternity testing			
364012A	364012	10.25 x 64mm with paper label - 2.6mL draw, ACD Solution B (0.4mL), yellow conventional closure	100/pk, 10 pk/cs
B3003-52	364816	13 x 100mm with paper label - 6mL draw, ACD Solution B (1mL), yellow conventional closure	100/pk, 10 pk/cs
B3003-51	364606	16 x 100mm with paper label - 8.5mL draw, ACD Solution A (1.5mL), yellow conventional closure*	100/pk, 10 pk/cs
Plastic tubes for lead determination with K₂EDTA and BD Hemogard™ tan closure			
367855	367855	13 x 75mm with paper label - 3mL draw	100/pk, 10 pk/cs
Glass tubes, sterile exterior pouch, silicone-coated, K₂EDTA			
B2980-1	366401	Comes in 16 x 100mm (10mL draw; conventional red closure) and 13 x 100mm (7mL draw; conventional lavender closure)	25/pk, 4 pk/cs
Plastic tubes for trace element testing, serum clot activator, silicone-coated interior and BD Hemogard™ royal blue closure			
B2953-53	368380	13 x 100mm with paper label - 6mL draw	100/pk, 10 pk/cs
Tubes for trace element testing with K₂EDTA and BD Hemogard™ royal blue closure			
B2953-54	368381	13 x 100mm with paper label - 6mL draw	100/pk, 10 pk/cs
Glass tubes for Westergren sedimentation rate determination (buffered citrate) with BD Hemogard™ black closure			
B2951-120	369741	13 x 75mm with paper label - 2.4mL draw	100/pk, 10 pk/cs
Glass whole blood tubes for microbiology with conventional yellow closure			
B3006-33	366404	10.25 x 82mm with paper label - 3.32mL draw, sodium polyanethol sulfonate (SPS) (0.35% in 0.85% sodium chloride 0.68mL), (glycerin lubricated)	100/pk, 10 pk/cs
B3006-54	364960	16 x 100mm with see-thru label - 8.3mL draw, sodium polyanethol sulfonate (SPS) (0.35% in 0.85% sodium chloride) 1.7mL	100/pk, 10 pk/cs
Plastic tubes for discard, no additive			
B2970-51	366703	13 x 75mm with paper label - 3mL draw, BD Hemogard™ clear closure	100/pk, 10 pk/cs
366704	366704	13 x 75mm with paper label - 3mL draw, conventional red/gray closure	100/pk, 10 pk/cs
B2994-96	366408	13 x 100mm with paper label - 6mL draw, BD Hemogard™ clear closure	100/pk, 10 pk/cs

Specimen Transport/Storage

Blood Collection - Tubes



BD Vacutainer® SST™ Tubes

BD - BD Vacutainer® SST™ Tubes contain spray-coated silica to aid in clotting and a polymer gel for serum separation. Samples processed in these tubes are used for serum determinations in chemistry, blood donor screening and infectious disease testing. BD Vacutainer® SST™ Tubes* provide an efficient means of serum sample preparation and help to improve laboratory workflow.

Cat. No.	Mfr. No.	Description	Qty.
Plastic BD SST™ tubes with clot activator, silicone-coated interior and BD Hemogard™ gold closure			
B2953-23	367983	13 x 75mm with paper label - 3.5mL draw	100/pk, 10 pk/cs
B2953-38	367977	13 x 100mm with paper label - 4mL draw	100/pk, 10 pk/cs
B2953-1	367986	13 x 100mm with paper label - 5mL draw	100/pk, 10 pk/cs
B2953-21	367989	13 x 100mm with see-thru label - 5mL draw	100/pk, 10 pk/cs
Plastic BD SST™ tubes with clot activator and red/gray conventional closure			
B2970-45	367981	13 x 75mm with paper label - 3.5mL draw	100/pk, 10 pk/cs
B2953-3	367987	16 x 100mm with paper label - 7.5mL draw; transport tube clot activator/double polymer gel	100/pk, 10 pk/cs
B2953-2	367988	16 x 100mm with paper label - 8.5mL draw	100/pk, 10 pk/cs
B2953-22	367985	16 x 125mm with paper label - 10mL draw; transport tube clot activator/double polymer gel	100/pk, 10 pk/cs

*The performance characteristics of these tubes have not been established for infectious disease testing in general; therefore, users must validate the use of these tubes for their specific assay-instrument/reagent system combinations and specimen storage conditions.

Diagnostic Mailers

Specimen Double Mailers

CARDINAL HEALTH - 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.

Cat. No.	Outer Tube Size (I.D. x L, in.)	Inner Can Size (O.D. x L, in.)	Qty.
Double mailers			
M1053-5	1 1/4 x 6 5/8	1 1/2 x 6 3/8	50/cs
M1053-6	2 x 3 3/4	1 3/4 x 3 7/16	50/cs
M1053-7	2 x 5	1 3/4 x 4 3/4	50/cs
M1053-8	2 1/4 x 5 3/4	2 x 5 1/2	50/cs
M1053-9	2 3/4 x 6 1/4	2 1/2 x 6	50/cs
M1053-10	3 1/4 x 6 1/4	3 x 6	50/cs
Outer mailing tubes only			
M1051-1	1 1/4 x 5 1/4	-	50/cs
M1051-2	1 1/4 x 6 5/8	-	50/cs
M1051-3	1 3/4 x 4	-	50/cs
M1051-5	1 1/4 x 6 5/8	-	50/cs
M1051-6	2 x 3 3/4	-	50/cs
M1051-7	2 x 5	-	50/cs
M1051-8	2 1/4 x 5 3/4	-	50/cs
M1051-9	2 3/4 x 6 1/4	-	50/cs
M1051-10	3 1/4 x 6 1/4	-	50/cs



Specimen Transport/Storage

Specimen Bags

Specimen Transport Bags

CARDINAL HEALTH - Available in a variety of types and sizes with ziplock or adhesive closure.

These 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. Secure ziplock and durable thickness produce liquid-tight leak-resistant bags.

- Convenient pouch with or without flap for paperwork
- Perforated or scored opening
- Absorbent pad available
- Multiple sizes in clear or color with STAT or biohazard warnings
- Custom imprinting available



Bag type	Dimensions	Thickness	Color	Closure (zip/adhesive)	Perforations/score line	Back pouch w/flap	Pouch in front	Bag w/ absorbent sheet	Qty.
Stat bags									
AD6X9STATR	6 x 10 in.	2mil	Red	Adhesive	Score line		Front pouch		1,000/cs
AD6X9STATY	6 x 10 in.	2mil	Yellow	Adhesive	Score line		Front pouch		1,000/cs
AD6X9STRDB	6 x 10 in.	2mil	Red	Adhesive	Perforations		Front pouch		Disp bx - 1,000/cs
ADGX9STYDB	6 x 10 in.	2mil	Yellow	Adhesive	Perforations		Front pouch		Disp bx - 1,000/cs
CH6X9STGRN	6 x 9 in.	2mil	Green	Zip lock	Score line		Front pouch		1000 cs
CH6X9STAT	6 x 9 in.	2mil	Red	Zip lock			Front pouch		1,000/cs
CH6X9STATF	6 x 9 in.	2mil	Red	Zip lock		Back pouch w/flap			1,000/cs
CH6X9STATY	6 x 9 in.	2mil	Yellow	Zip lock			Front pouch		1,000/cs
CH6X9TFA	6 x 9 in.	2mil	Red	Zip lock		Back pouch w/flap		3 x 4 in. Absorbent sheet	1,000/cs
CH8X10STAT	8 x 10 in.	2mil	Red	Zip lock			Front pouch		1000 cs
Biohazard bags									
ADGX9BIO	6 x 10 in.	2mil	Clear	Adhesive	Score line		Front pouch		1,000/cs
AD6X9BIOA	6 x 10 in.	2mil	Clear	Adhesive	Score line		Front pouch	3 x 4 in. Absorbent sheet	1,000/cs
AD6X9BIOB	6 x 10 in.	2mil	Blue	Adhesive	Score line		Front pouch		1,000/cs
ADGX9PERF	6 x 10 in.	2mil	Clear	Adhesive	Perforations		Front pouch		1,000/cs
AD10X10BIO	10 x 10 in.	2mil	Clear	Adhesive	Score line		Front pouch		1,000/cs
AD13X18BIO	13 x 18 in.	2mil	Clear	Adhesive	Score line		Front pouch		1,000/cs
AD15X17BIO	15 x 17 in.	2mil	Clear	Adhesive	Score line		Front pouch		500/cs
CH6X9BIO	6 x 9 in.	2mil	Clear	Zip lock			Front pouch		1,000/cs
CH6X9BIO4	6 x 9 in.	2mil	Clear	Zip lock			2 front pouches		1,000/cs
CH6X9BIODB	6 x 9 in.	2mil	Clear	Zip lock			Front pouch		Disp bx - 1,000/cs
CH6X9BIOF	6 x 9 in.	2mil	Clear	Zip lock		Back pouch w/flap			1,000/cs
CH6X9BIOFA	6 x 9 in.	2mil	Clear	Zip lock		Back pouch w/flap		3 x 4 in. Absorbent sheet	1,000/cs
CH6X9BLUEF	6 x 9 in.	2mil	Blue	Zip lock		Back pouch w/flap			1,000/cs
CH6X9GRNF	6 x 9 in.	2mil	Green	Zip lock		Back pouch w/flap			1,000/cs
CH6X9REDF	6 x 9 in.	2mil	Red	Zip lock		Back pouch w/flap			1,000/cs
CH6X9VIOF	6 x 9 in.	2mil	Purple	Zip lock		Back pouch w/flap			1,000/cs
CH6X9YLWF	6 x 9 in.	2mil	Yellow	Zip lock		Back pouch w/flap			1000 cs
CH8X8BIO	8 x 8 in.	2mil	Clear	Zip lock			Front pouch		1,000/cs
CH8X10BIO	8 x 10 in.	2mil	Clear	Zip lock			Front pouch		1,000/cs
CH8X10BIOD	8 x 10 in.	2mil	Clear	Zip lock			Front pouch		Disp bx - 1,000/cs
CH8X10BIOF	8 x 10 in.	2mil	Clear	Zip lock		Back pouch w/flap			1,000/cs
CH10X10BIO	10 x 10 in.	2mil	Clear	Zip lock			Front pouch		1,000/cs
CH12X15BIO	12 x 15 in.	2mil	Clear	Zip lock			Front pouch		1,000/cs
RF6X9PERF	6 x 9 in.	2mil	Clear	Zip lock	Perforations		Front pouch		1,000/cs
RF12X12X6	12½ x 12 x 6 in.	2.5mil	Clear	Die cut handle, gusset bottom					1,000/cs
RF16X20B	16 x 20 in.	3mil	Clear	Zip lock					250/cs
Plain bags									
CH4X6CL	4 x 6 in.	2mil	Plain	Zip lock			Front pouch		1000/cs
CH5X8CL	5 x 8 in.	2mil	Plain	Zip lock			Front pouch		1,000/cs
CH6X9CL	6 x 9 in.	2mil	Plain	Zip lock			Front pouch		1000/cs
CH6X9CLF	6 x 9 in.	2mil	Plain	Zip lock		Back pouch w/flap			1,000/cs
CH8X10CL	8 x 10 in.	2mil	Plain	Zip lock			Front pouch		1,000/cs
CH9X12CL	9 x 12 in.	2mil	Plain	Zip lock			Front pouch		1,000/cs
CH12X15CL	12 x 15 in.	2mil	Plain	Zip lock			Front pouch		1,000/cs
Without biohazard									
AD6X9NL	6 x 10 in.	2mil	Clear	Adhesive	Score line		Front pouch		1,000/cs
AD8X12NL	8 x 12 in.	2mil	Clear	Adhesive	Score line		Front pouch		1000/cs
AD10X10NL	10 x 10 in.	2mil	Clear	Adhesive	Score line		Front pouch		1,000/cs

Specimen Transport/Storage

Specimen Bags

Lab Specimen Transport Bags

CARDINAL HEALTH - Bags are available in a variety of standard sizes and clear or colored film with easy to use zip closure, reclosable adhesive or tamper evident adhesive closure systems. Biohazard symbol for immediate identification meets federal regulations and OSHA requirements.

Cat. No.	Description	Qty.
Reclosable adhesive closure with pouch/flap, biohazard labeling		
39-97	6 x 9 in., clear/black and red	1,000/cs
Tamper evident adhesive closure with pouch/flap, biohazard labeling		
59-93	10 x 10 in., clear/black and red	1,000/cs
Zip closure with pouch/flap, no print		
MA4080	6 x 9 in., clear	1,000/cs
Zip closure with pouch/flap, Tear Zone® feature, biohazard labeling		
MA4075	6 x 9 in., clear/black and orange	1,000/cs
4915.ORG	8 x 10 in., clear/black and orange	1,000/cs
49-99	9 x 12 in., clear/black and red	1,000/cs



Specimen Boxes



Heavy-duty Specimen Boxes

CARDINAL HEALTH - These keyless lock boxes are made of heavy-duty, 20-gauge, white powder-coated galvanized steel to help resist rust and dents. Boxes are insulated to protect specimen integrity and fully gasketed to maintain a water-tight seal. Each box is equipped with an over-the-door metal strap to securely fasten to structure and attached door chain to help prevent samples from falling out of the container. Fits doors up to 1 3/4 in. thick.

Cat. No.	Description	Dimensions (H x W x D)
CHSBCK1000	Key lock - white	10 1/2 x 14 x 7 1/4 in.
CHSBDL1000	Digital lock - white	10 1/2 x 14 x 7 1/4 in.
CHSBC1100	Combination lock - white	10 1/2 x 14 x 7 1/4 in.

Specimen Transport/Storage

Specimen Collection Containers and Cups



Amber Sample Container

CARDINAL HEALTH - 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 - This disposable all-plastic specimen cup holds 8 oz. Cap has space 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



Multipurpose Containers

CARDINAL HEALTH - Use these 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.
Polystyrene containers		
C8842-16X	16 oz.	100/cs
C8842-32	32 oz.	100/cs
Polyethylene containers		
C8842-8B	8 oz.	100/cs
C8842-86A	86 oz.	25/cs
C8842-163	163 oz.	10/cs
Polypropylene containers		
C8842-8C	8 oz.	100/cs
C8842-16B	16 oz.	100/cs
C8842-32B	32 oz.	100/cs
C8842-190A	190 oz.	10/cs



Empty Fixative Containers with Cap

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

Polypopylene Specimen Container

CARDINAL HEALTH - Nonsterile polypropylene container is graduated to 4 oz. and 120mL/cc. The blue screw-on lid has space for patient ID.

Cat. No.	Description	Qty.
C13005	Polypropylene specimen container	500/cs



Sample Containers

CARDINAL HEALTH - 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	8 oz. sample container	500/cs
B7935-2	8 oz. sample container with lid	500/cs
B7935-10A	Paper lid	25/pk, 20 pk/cs

Specimen Transport/Storage

Specimen Collection Containers and Cups



Screw-Top Specimen Containers

CARDINAL HEALTH - These 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 - Ideal for the collection and transport of patient samples including urine and sputum and also for use with formalin and fixative fills. Specimen containers are manufactured from shatterproof polypropylene featuring a cap design to help prevent leakage. Stackable for ease of storage and bagged or individually wrapped for maximum flexibility. C13900 and C13901 feature an audible click to tell you the seal has been engaged and a tamper-evident patient ID label.

Cat. No.	Description	Qty.
C13900	4 oz. click seal sterile, bulk pack	200/cs
C13901	4 oz. click seal sterile, individually wrapped	100/cs
CHB13902	90mL/48mm sterile, orange cap	100/pk, 4 pk/cs
CHB13903	90mL/53mm sterile, orange cap	100/pk, 4 pk/cs
CHB13904	120mL/53mm sterile, orange cap	75/pk, 4 pk/cs
CHB13905	120mL/53mm sterile, orange cap, individual peel pouch	100/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 ½ oz. increments up to 240cc. Designed for quick visualization and measurement of contents.

Cat. No.	Description	Qty.
5 oz. containers		
C8835-1	Container	500/cs
C8835-2	Container with lid, individually-wrapped	100/cs
8 oz. containers		
C8835-3	Container	500/cs
C8835-4	Container with lid, individually-wrapped	100/cs
Snap cap lid		
C8835-5	For 5 and 8 oz. containers	500/cs



Specimen Containers

CARDINAL HEALTH - These 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 Container

CARDINAL HEALTH - Specimen container is economical for basic use. Easy to read graduations marked in 10mL and ½ oz. increments up to 120mL. There is ample space for writing on the container or lid.

Cat. No.	Description	Qty.
PC8827-500	4.5 oz. - no label	500/ct



Specimen Container with Snap Cap

CARDINAL HEALTH - Made of polypropylene for solvent resistance, this stackable multipurpose container makes storing small samples convenient. The container comes complete with a tight-fitting lid. Capacity is 5 oz. Container measures 2 ¾ x 2 ½ in.

Cat. No.	Description	Qty.
C8842-4X	Stackable container	300/cs



24-Hour Urine Containers

CARDINAL HEALTH - These containers help make processing 24-hour urine tests safer by featuring a highly accurate scale so you can conduct volume measurement without pouring the urine into a graduated cylinder. Available in two styles with a custom cap and gasket design or a spout top to pour an aliquot of urine directly into a test tube or centrifuge tube.

Cat. No.	Description	Qty.
U3010-3	Screw cap - 3,000mL	40/cs
U3010-3B	Screw cap, bilingual patient label - 3,000mL	40/cs
U3010-1	Spout top - 2,500mL	40/cs
U3010-2	Spout top - 3,500mL	24/cs
Optional accessories for U3010-1 and U3010-2		
U3010-12	Patient instruction stickers, 250/roll	6 rl/cs

Temperature Monitoring

Data Loggers



CHD00408, Temperature USB data logger



Back of CHD00408RH, Temperature and RH USB data logger

Data Loggers

CARDINAL HEALTH - Micro-Therm USB data loggers feature a three-digit LCD display and built-in USB 2.0 connector for monitoring and recording temperature or relative humidity (rH). Manufactured to stringent standards, the data loggers are 4.3 in. long by 1 in. thick. They feature a wide temperature range, high accuracy and large 8,000 or 32,000 sampling memory. They also offer analysis functionality such as statistics maximum, minimum and average, enabling a quick glance summary of the environment and historical breakdown. Data can be displayed on the small numeric LCD screen or downloaded to PC via the USB 2.0 connector. To further ensure easy global usage, the battery is easily replaceable since it is a standard model used worldwide.

- **NIST Compliant® with certificate**

- High resolution 16-bit logger
- High sampling rate of one per second
- High functionality low cost multi-trip logger for an unbroken cold chain
- USB 2.0 interface for fast track communication and firmware updates
- Unique Boomerang feature automatically creates and emails PDF data report when connected to PC
- Rapid data download to graph, table view and Excel spreadsheet
- Built-in LCD with decimal point readings and LED alarm indicator
- High accuracy sensors with 16-bit resolution
- Up to a two-year battery life using Nano Watt technology
- Up to 8,000 and 32,000 sample memory accommodating long-haul transports
- Reed switch using magnet key to mark time stamps, activate and stop logging
- Built-in real time clock and calendar
- Dust and water proof
- Wall mounting cradle for fixed monitoring
- Includes Micro-Therm Lite software and manual

Cat. No.	CHD00408	CHD00408RH
Range	-40°C to 80°C temp	-40°C to 80°C temp / 5 to 95% RH
Accuracy	0.3°C temp	0.3°C Temp / 2% RH
Resolution (16-bit)	0.1°C display / 0.06°C software	0.04°C display / 0.06°C software / 0.5% RH
Data capacity	8,000 samples	32,000 samples
Sampling rate	1 per second to 1 every 2 hours	1 per second to 1 every 18 hours
Boomerang feature	No	Yes
Alarm	No	LED indicator
Battery life	~ 1.5 years	~ 2.0 years
Dimensions with cap	4.3 x 1.5 x 1 in. (11 x 3.9 x 2.6cm)	4.3 x 1.5 x 1.2 in. (11 x 3.9 x 3cm)
Compliance	IP68, EN12830, CE	IP54, EN12830, CE
Wall mount	No	Yes
Output	USB 2.0 interface	USB 2.0 interface
Weight	1.6 oz. (45.5 grams)	
Display	3-digit 7-segment LCD with decimal point	
Indicator	Low battery warning	
Battery	Replaceable 3V lithium battery - CR2032	
Software	Micro-Therm Lite for Windows	

*LCD display: When exposed to temperatures below 5°F (-15°C) Liquid Crystal Displays (LCD) lose contrast and their refresh rate slows. This may result in illegible readings shown on the display. The decline of the LCD function does not affect the sensor recording temperature and the correct values are captured.

Temperature Monitoring

Hygrometers - Analog/Digital



Analog Dial Thermometer/Hygrometer

CARDINAL HEALTH

- NIST Compliant® with certificate

- Product size: 4½ in. diameter, 112 x 40 x 120mm
- "Super-ex-Sensor" for particularly exact and fast measurement

Specifications:

Temperature range -30°C to 50°C

Temperature accuracy ±1°C, -20° to 40°C

Humidity range 10% to 90% RH

Humidity accuracy ±3%, 35% to 70% RH

Cat. No.	Description	Qty.
CH9506-16	Analog dial thermometer/hygrometer	1/ea



Digital 2-Point Thermometer/Hygrometer

CARDINAL HEALTH

- NIST Compliant® with certificate

- Internal and external temperature with humidity LCD display
- External probe with 9 ft. sensor probe wire
- °C/°F switchable
- Flip-out stand or hang
- Low battery indicator
- AAA 1.5V battery included

Specifications:

Temperature range Internal 0°C to 50°C (32°F to 122°F)
External -40°C to 70°C (-40°F to 158°F)

Temperature accuracy ±1°C, 0°C to 40°C (±1.8°F, 32°F to 104°F)

Humidity range 20% to 99% RH

Humidity accuracy ±5%, 30% to 80% RH rest ±7%

Cat. No.	Description	Qty.
CH9506-1	Digital 2-point thermometer/hygrometer	1/ea
CH9506-13	Digital 2-point thermometer/hygrometer with outside probe	1/ea



Dial Barometer Thermometer/Hygrometer

CARDINAL HEALTH

- NIST Compliant® with certificate
- Min/max with memory recall

Specifications:

Temperature range -10°C to 55°C

Humidity range 20% to 100% RH

Cat. No.	Description	Qty.
CH2504-1	Dial barometer thermometer/hygrometer	1/ea



Double - Triple Digit Display Thermometer/Hygrometer

CARDINAL HEALTH

- NIST Compliant® with certificate
- Double - triple digits display
- Current, min/max memory of temperature and humidity
- Min/max with daily auto or manual reset
- °C/°F switchable
- Flip-out stand or hang
- Low battery indicator
- AAA 1.5V battery included

Specifications:

Temperature range -10°C to 70°C (14°F to 158°F)

Temperature accuracy ±1°C (±1.8°F)

Humidity range 20% to 99% RH

Humidity accuracy ±4%, 35% to 75% RH rest 5%

Cat. No.	Description	Qty.
CH9506-3	Digital 2-point thermometer/hygrometer with outside probe	1/ea

Temperature Monitoring

Hygrometers - Digital

Large Digit Thermometer/Hygrometer

CARDINAL HEALTH

- NIST Compliant® with certificate
- Min/max memory of temperature and humidity
- °C/°F switchable
- Flip-out stand
- Low battery indicator
- Battery included


Specifications:

Temperature range -10°C to 60°C (-14°F to 140°F)
 Temperature accuracy ±1°C (±1.8°F)
 Humidity range +10% to 99% RH
 Humidity accuracy ±5%, 25% to 75% RH at 0°C to 50°C (32°F to 122°F)
 Resolution 0.1° temperature and relative humidity

Cat. No.	Description	Qty.
CH9506-11	Large digit thermometer/hygrometer	1/ea

Large Digit Thermometer/Hygrometer with Alarm Clock

CARDINAL HEALTH

- NIST Compliant® with certificate
- 12/24 hour format alarm clock
- Display size 79 x 66 mm
- Min/max memory of temperature and humidity
- °C/°F switchable
- 10 second display refresh
- Flip-out stand or hanging
- Product size: 98 x 110 x 21mm (W x H x D)
- AAA 1.5V battery included


Specifications:

Temperature range Internal 0°C to 50°C (32°F to 122°F)
 External -50°C to 70°C (-58°F to 158°F)
 Temperature accuracy ±1°C (±1.8°F)
 Humidity range 20% to 100% RH
 Humidity accuracy ±5% RH

Cat. No.	Description	Qty.
CH2972	Large digit thermometer/hygrometer with alarm clock	1/ea

Min/Max Thermometer/Hygrometer

CARDINAL HEALTH

- NIST Compliant® with certificate
- Time/temperature/humidity/week display with month and day
- Min/max memory of temperature and humidity
- °C/°F switchable
- Product size: 102 x 21 x 110 mm
- AAA 1.5V battery included


Specifications:

Temperature range -10°C to 60°C (+14°F to +140°F)
 Temperature accuracy ±1°C, 10°C to 50°C (±1.8°F, 14°F to 122°F)
 Humidity range 10% to 99% RH
 Humidity accuracy ±5%, 25% to 75% RH at 0°C to °C (32°F to 122°F)

Cat. No.	Description	Qty.
CH9506-15	Min/max thermometer/hygrometer	1/ea

Min/Max Thermometer/Hygrometer with Internal-External Temperature

CARDINAL HEALTH

- NIST Compliant® with certificate
- Time/temperature/humidity/week display with month and day
- Two modes of time display: 12/24 hour
- Everyday alarm function
- Min/max memory of temperature and humidity
- °C/°F switchable
- Product size: 110 x 58 x 18mm
- AAA 1.5V battery included


Specifications:

Temperature range: Internal -10°C to +50°C (+14°F to +122°F)
 External -50°C to +70°C (-58°F to +158°F)
 Humidity range 10% to 99% RH

Cat. No.	Description	Qty.
CH9506-2	Min/max thermometer/hygrometer with internal-external temperature	1/ea

Temperature Monitoring

Hygrometers - Digital

Multi-Remote Environment Monitoring Station

CARDINAL HEALTH

- NIST Compliant® with certificate
- LCD displays temperature and humidity with comfort level
- Local/remote temperature min/max memory with time stamp
- °C/F switchable
- Relative Humidity (RH) percent with min/max memory
- Wireless monitor up to three remote transmitters
- Relative atmospheric pressure with adjustable reference value
- Graphic display of relative air pressure for last 12 hours
- Weather forecasting with weather tendency indicator
- Radio controlled clock, date, time zone
- 12/24 hour time display
- Time zone option ±12 hours
- Weekday and day calendar display
- Two AA 1.5V batteries for each base and remote



Specifications:

Transmission..... 868Mhz - max distance 300 ft. (91.44m)

Base Station:

Temperature range... -10°C to 60°C (14°F to 140°F) 0.1°C (0.2°F) resolution
Humidity range 1% to 99% RH with 1% resolution

Remote Transmitter:

Temperature range... -40°C to 60°C (-40°F to 140°F) 0.1°C (0.2°F) resolution

Cat. No.	Description	Qty.
CH4195	Multi-remote environment monitoring station	1/ea

Pocket Thermometer/Hygrometer

CARDINAL HEALTH

- NIST Compliant® with certificate
- Min/max memory of temperature and humidity
- °C/F switchable
- Rubber coated
- LCD display:
2 1/4 x 1/2 in.
- Dimensions: 6 1/2 x 1 1/2 in.
- Low battery indicator
- Plastic storage case and battery included



Specifications:

Temperature range.....0°C to 50°C (-32°F to 120°F)
Temperature accuracy.....±0.5° celsius and fahrenheit
Humidity range+20% to 100% RH
Humidity accuracy±4% mid range ±6% elsewhere
Resolution.....0.1 temperature and relative humidity

Cat. No.	Description	Qty.
CH9509	Pocket thermometer/hygrometer	1/ea

To order, call: 800.964.5227

cardinalhealth.com

Precision Bench Thermometer/Hygrometer

CARDINAL HEALTH

- NIST Compliant® with certificate
- Room temperature
- Indoor relative air humidity
- Minimum/maximum values
- Dew point indication and wet bulb temperatures
- Acoustic and optical alarm function for all parameters



Specifications:

Temperature range.....-40°C to 70°C
Temperature accuracy.....±0.5°C, 0°C to 60°C, otherwise ±1°C
Humidity range 1% to 99% RH
Humidity accuracy±3%, 35% to 75% RH, otherwise ±5%

Cat. No.	Description	Qty.
CH4410	Precision bench thermometer/hygrometer	1/ea

Thermometer/Hygrometer with Remote Sensor

CARDINAL HEALTH

- NIST Compliant® with certificate
- LCD displays temperature and humidity with comfort level
- Local/remote temperature min/max memory with time stamp
- °C/F switchable
- Relative Humidity (RH) percent with min/max memory
- Wireless monitor up to three remote transmitters
- Radio controlled time with manual setting options
- 12/24 hour time display
- Time zone option ±12 hours
- Weekday and day calendar display
- Wall mounting or table standing base station
- Optional external probe - remote transmitter
- Dimensions: 81 x 32 x 143.5mm (base), 41 x 19 x 128mm (remote)
- Low battery indicator (base)
- Two AA 1.5V batteries for each base and remote



Specifications:

Transmission..... 868Mhz - max distance 300 ft. (91.44m)

Base Station:

Temperature range... -10°C to 60°C (14°F to 140°F) 0.1°C (0.2°F) Resolution
Humidity range 1% to 99% RH with 1% resolution

Remote Transmitter:

Temperature range... -40°C to 60°C (-40°F to 140°F) 0.1°C (0.2°F) Resolution

Cat. No.	Description	Qty.
CH9506-14	Thermometer/hygrometer w/remote sensor	1/ea

Temperature Monitoring

Tachometers

Digital Contact/Photo Tachometer - Touch

CARDINAL HEALTH - The Contact/Photo Tachometer measures the rpm safely and accurately without attachment to the object. The five-digit LCD display is easily read.

A **NIST Compliant® certificate** is provided from a ISO 17025 ilac accredited laboratory.

- Memory: last value, minimum and maximum values
- Test range select: automatic
- Included with unit: carry case, reflective tape, rpm adapter cone and rpm adapter funnel
- Four AA 1.5V batteries included



Specifications:

Range Contact: 2.5 to 19,999 rpm,
Photo: 2.5 to 99,999 rpm
Resolution ± 0.1 rpm (2.5 to 999.9 rpm)
 ± 1 rpm (above 1000 rpm)
Accuracy $\pm 0.05\%$ +1 rpm
Sample Time 1 second
Detecting Distance 50 to 250mm (2 to 10 in.)

Cat. No.	Description	Qty.
CH3316-7	Digital contact/photo tachometer - touch	1/ea

Digital Photo (Laser) Tachometer - Touchless

CARDINAL HEALTH - Laser type/touchless operation, although complex and advanced, it is easy to use and operate. A five-digit LCD display shows the readings. The tachometer uses a precision quartz crystal for an accurate time base.

A **NIST Compliant® certificate** is provided from a ISO 17025 ilac accredited laboratory. The certificate shows traceability to a NIST standard.

- Memory: last value, minimum and maximum values
- Test range select: automatic
- Included with unit: carry case and reflective tape
- Four AA 1.5V batteries included



Specifications:

Range 2.3 to 9,999 rpm
Resolution ± 0.1 rpm (2.5 to 999.9 rpm)
 ± 1 rpm (above 1000 rpm)
Accuracy $\pm 0.05\%$ +1 rpm
Sample Time 1 second
Detecting Distance 50 to 250mm (2 to 10 in.)

Cat. No.	Description	Qty.
CH3316-8	Digital photo (laser) tachometer - touchless	1/ea

Multifunctional Photo, Contact and Surface Tachometer

CARDINAL HEALTH - This instrument combines the measurements in rpm of many lab instruments such as centrifuges, motors, and stirrers. The measurement is made in 1 to 3 seconds and the memory feature allows recalling the minimum, maximum and the last reading. One end of the tachometer provides contact readings with a rotating spindle; the other end makes touchless readings with a light beam utilizing self adhesive tabs. The ACCPTC900 utilizes a precision quartz crystal for an accurate time base.

A **NIST Compliant® certificate** is provided from a ISO 17025 ilac accredited laboratory. The certificate shows traceability to a NIST standard.

- Memory: last value, minimum and maximum values
- Test range select: automatic
- Included with unit: carry case, reflective tape, rpm adapter cone, rpm adapter funnel and surface speed test wheel
- Four AA 1.5V batteries included

Specifications:

Contact Range 2.5 to 19,999 rpm
Photo Range 2.5 to 99,999 rpm
Surface Range 0.05 to 1,999.9 meter/min. and 0.2 to 6,560 ft./min.
Resolution 0.1 rpm (2.5 to 999.9 rpm) 1 rpm above
Accuracy Tach: 0.05% + 1 rpm, Surface speed: 0.05% + 0.03 meter/min
Sample Time 1 second
Detecting Distance 50 to 250mm (2 to 10 in.)



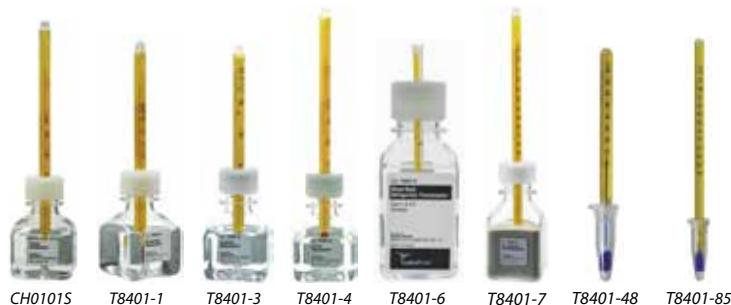
Cat. No.	Description	Qty.
CH3316-6	Multifunctional photo, contact and surface tachometer	1/ea

Temperature Monitoring

Thermometers - Bottle

Accu-Safe Enclosed Chamber Bottle Thermometers

CARDINAL HEALTH - ACCU-SAFE thermometers are environmentally friendly spirit filled non-mercury thermometers sealed in a PTFE jacket that contains liquid and glass if breakage occurs and are housed in unbreakable plastic bottles filled with a non-toxic Bio-Safe medium. Economical, precise and reliable means of measuring critical temperatures in blood bank refrigerators, ultra-low freezers, freezers, refrigerators, incubators, ambient/room, block heaters and ovens. Each bottle thermometer have their own unique serial number and are supplied with a **NIST traceable certificate**.



- Thermometers in 0.5°C and 1°C divisions
- Thermometers are fluoropolymer coated for protection
- Unbreakable bottle filled with Bio-Safe glycol/water bottle medium
- Space saving magnets for bottles

Cat. No.	Description	Range	Divisions	Bottle Media
T8401-48	Block heater bottle thermometer	18°C to 60°C	0.5°C	mineral oil - 1 mL
T8401-85	Block heater bottle thermometer	50°C to 110°C	0.5°C	mineral oil - 1 mL
CH0101S	Freezer bottle thermometer	-30°C to 0°C	0.5°C	glycol/water - 30 mL
T8401-4	Freezer bottle thermometer	-30°C to 0°C	0.5°C	glycol/water - 30 mL
T8401-7	Freezer-ultra-low, bottle thermometer	-90°C to 20°C	1°C	sand - 60 mL
T8401-3	Incubator bottle thermometer	18°C to 50°C	0.5°C	glycol/water - 30 mL
T8401-1	Refrigerator bottle thermometer	-5°C to 15°C	0.5°C	glycol/water - 30 mL
T8401-6	Refrigerator-blood bank bottle thermometer	-5°C to 20°C	0.5°C	glycol/water - 250 mL

Cooler Thermometer

CARDINAL HEALTH

- N.I.S.T. traceable



Therm-Chex Environmental Chamber Thermometer Kits

CARDINAL HEALTH - Therm-Chex thermometers are completely sealed in a fluoropolymer PTFE jacket and then enclosed with the buffered media bottle in a plastic sleeve to contain fluids should breakage occur, preventing product contamination. Therm-Chex thermometers can be strategically placed anywhere within fridge or freezer wall using supplied magnetic pair.



- **NIST Compliant® with certificate**
- Thermometers in 0.5°C and 1°C divisions
- Thermometer housed in protective sleeve
- Fluoropolymer coated thermometer for safety
- Red and blue spirit
- Bio-Safe glycol/water bottle medium
- Suspend or attach magnetically
- Monitor refrigerators, freezers, incubators

Cat. No.	Description	Range	Divisions	Bottle Media
CH2401BLS	Freezer blue spirit-filled thermometer	-30°C to 0°C	0.5°C	glycol/water - 5mL
CH240046	Freezer red spirit-filled thermometer	-30°C to 0°C	0.5°C	glycol/water - 5mL
CH24004S	Freezer-ultra-low spirit-filled thermometer	-90°C to 20°C	1°C	glycol/water - 5mL
CH240052	Refrigerator blue spirit-filled thermometer	-5°C to 15°C	0.5°C	glycol/water - 5mL
CH240043	Refrigerator red spirit-filled thermometer	-5°C to 15°C	0.5°C	glycol/water - 5mL
CH240053	Incubator blue spirit-filled thermometer	18°C to 50°C	0.5°C	glycol/water - 5mL
CH2403S	Incubator red spirit-filled thermometer	18°C to 50°C	0.5°C	glycol/water - 5mL

Temperature Monitoring

Thermometers - Digital Bottle



Dual Temp Digital Thermometers

CARDINAL HEALTH - Dual temp thermometers allow putting one probe in the freezer and another in the refrigerator (or measure two areas of a refrigerator). Audible and visual alarm feature provides alert when temperature rises above or falls below two set points. Alarm is programmable in 1° increments. Three foot micro-cable permits refrigerator or freezer doors to close without seal on it. Buffered bottle media models contain glycol/water a thermal dampening media housed in a 5mL bottle, used to minimize temperature spikes caused when a instrument door is opened for a period of time and thereby preventing false alarms. Suction cup probes attach to refrigerator or freezer wall. Two AAA alkaline 1.5V batteries included. Each thermometer is certified, serialized and traceable to NIST.

- **NIST Compliant® with certificate**

- Bio-Safe glycol/water probe medium
- Min/max temperature memory recall
- Visual and buzzer alarm
- °C/°F switchable
- Programmable alarm in 1° increments
- 3 ft. micro-cable probe
- Alarm duration indication
- Low battery indication
- Flip out desk stand
- Magnets and velcro for attachment

Specifications:

Resolution 0.1°C/°F

Accuracy ±1°C

Dimensions 3½ x 1¾ x 1 in.

Cat. No.	Description	Qty.
CH2941-5	-40°C to 70°C range - glycol/water 5 mL	1/ea
CH2941-6	-40°F to 158°F range - glycol/water 5 mL	1/ea
CH8002CL	-40°C to 70°C (-40°F to 158°F) range - suction cup holders	1/ea



Hi-Temp Digital Thermometer

CARDINAL HEALTH - Each thermometer is certified, serialized and traceable to NIST.

- **NIST Compliant® with certificate**

- Min/max temperature memory recall
- Temperature probe housed in plastic bottle filled with USP sand.
- Bottles and thermometers have double magnets for attachment
- °C/°F switchable
- Stainless steel probe has a 32 in. cable

Specifications:

Range -50°C to 130°C

Resolution 0.1°C/°F

Accuracy ±0.5°C

Dimensions Display: 35 x 15mm

Thermometer: 95 x 65 x 18mm

Cat. No.	Description	Qty.
CH240056	Thermometer - oven, incubator, water bath - 60mL bottle with sand	1/ea

Temperature Monitoring

Thermometers - Digital Bottle



CH-4148



CH-4648



CH2960-5

Triple Display - Large Digit Alarm Digital Thermometer

CARDINAL HEALTH - The Triple Display Digital Thermometer simultaneously shows the current, minimum, and maximum temperatures and updates continuously. An audible alarm will sound when the temperature rises above or goes below the set temperatures. Temperature probe is housed in a plastic bottle filled with a Bio-Safe nontoxic, non-hazardous liquid medium. Reset buttons on front panel. Thermometers are supplied with dual magnets and velcro sets to allow attachment to walls or doors. AAA alkaline 1.5V batteries included. Each thermometer is certified, serialized and traceable to NIST.

- **NIST Compliant® with certificate**

- Audible alarm
- Bio-Safe glycol/water probe medium
- Displays current, minimum and maximum temperatures
- °C/°F switchable
- 9 ft. micro-cable probe
- Flip out desk stand
- Wall mounting key hole
- Magnets and velcro for attachment

Specifications:

Range -50°C to 70°C

Resolution 0.1°C / °F

Display Accuracy ±0.5°C / °F

Cat. No.	Description	Qty.
CH-4148	Thermometer with probe only	1/ea
CH-4648	Vaccine bottle - glycol/water 5mL bottle	1/ea
CH-4548	Incubator - glycol/water 30mL bottle	1/ea
CH2960-5	Refrigerator/Freezer - glycol/water 30mL bottle	1/ea

Triple Display - Time and Date Stamp Digital Alarm Thermometer

CARDINAL HEALTH - Temperature monitors for refrigerators, freezers and incubators. Simultaneously shows the current, minimum, and maximum temperatures and updates continuously. An audible and visual alarm will trigger when the temperatures goes above or below the set temperatures. The thermometer probe is housed in an unbreakable plastic vial filled with a Bio-Safe buffering media which maintains the thermometer reading while the refrigerator or freezer door is open. Thermometers are supplied with dual magnets and velcro sets to allow attachment to walls or doors. Two AAA alkaline 1.5V batteries included. Each thermometer is certified, serialized and traceable to NIST.



CH2960-4

- **NIST Compliant® with certificate**

- Visual LED and audible beeping alarms
- Bio-Safe glycol/water probe medium
- Min/max temperature with time and date stamp readings in memory
- Low/high alarm limit setting
- °C/°F switchable
- Low battery indication
- 12/24 hour time display format
- Flip out desk stand
- Wall mounting key hole
- Magnets and velcro for attachment

Specifications:

Range -50°C to 70°C

Display Resolution 0.1°C

Display Accuracy ±0.3°C

Display Reading Update 10 Seconds

Alarm Setting Resolution 0.1°C

Time Accuracy ±1 Second Per Day

Working Temperature 0 to 50°C

Dimensions Display: 47 x 39mm (W x H)
Product: 75 x 120 x 19mm (W x H x D)

Cat. No.	Description	Qty.
CH2960-3	Thermometer - probe only no bottle	1/ea
CH2960-4	Thermometer - glycol/water 5mL bottle	1/ea

Temperature Monitoring

Thermometers - Digital General Use



CH2971-7



CH2971-8

Big See-Thru Glass Door Digital Thermometer

CARDINAL HEALTH

- NIST Compliant® with certificate
- Triple display current, minimum/maximum temperatures
- Weather resistant
- Manual reset

Specifications:

Range Fahrenheit model: -13°F to 158°F
 Celsius model: -25°C to 70°C

Cat. No.	Description	Qty.
CH2971-7	Fahrenheit see-thru glass door thermometer	1/ea
CH2971-8	Celsius see-thru glass door thermometer	1/ea

Economy Refrigerator Thermometer

CARDINAL HEALTH

- NIST Compliant® with certificate
- LCD viewing area: 20 x 30mm
- Suction pad affixes to any flat surface

Specifications:

Range -20°C to 60°C
 Accuracy ±1°C
 Dimensions 43 x 85mm



Cat. No.	Description	Qty.
CH2971-5	Refrigerator thermometer	1/ea

Internal-External Min/Max Memory Digital Thermometer

CARDINAL HEALTH

- NIST Compliant® with certificate
- Tri-display for current, minimum and maximum temperatures
- Internal and external temperature measuring
- Programmable low and high alarm limit
- External probe with 3 meter cord length
- °C/°F switchable
- 10 second display update
- Low battery indication
- Magnets and velcro for attachment



Specifications:

Range Internal 0°C to 50°C (32°F to 122°F)
 External -50°C to 70°C (-58°F to 158°F)
 Resolution 0.1° C/F
 Accuracy ±1°C (1.8°F)

Cat. No.	Description	Qty.
CH2212-2	Celsius internal-external thermometer	1/ea
CH4120	Fahrenheit internal-external thermometer	1/ea

Large Digit Internal-External Min/Max Digital Thermometer

CARDINAL HEALTH

- NIST Compliant® with certificate
- Large dual display
- Min/max temperature memory recall
- External sensor cable length 10 ft.
- °C/°F switchable
- Wall mounting or flip-out table stand
- AAA 1.5V battery included



Specifications:

Range Internal -10°C to 60°C (14°F to 140°F)
 External -50°C to 70°C (-58°F to 158°F)
 Resolution 0.1° C/F
 Accuracy ±1°C, 0°C to 50°C (±1.8°F 32°F to 122°F)
 ±2.0°C, -50°C to 0°C (±3.6°F -58°F to 32°F)

Cat. No.	Description	Qty.
CH4126	Large digit internal-external thermometer	1/ea

Temperature Monitoring

Thermometers - Digital General Use

Low Temp Digital Thermometer

CARDINAL HEALTH - Thermometer accurately monitors temperatures in ultra-low freezers, water baths, incubators and refrigerators.

- NIST Compliant® with certificate

- Fast-response 100 ohm platinum probe
- Probe 0.16 x 3 in. long, overall length 5 in.
- Micro-cable permits freezer doors to close (9.6 ft. of cable)
- Triple purpose probe liquids-air/gas-frozen material
- Magnets and velcro for attachment
- 9V battery and carrying case included



Specifications:

Range -99.9°C to 199.9°C
Resolution 0.1°C
Accuracy ±2°C
Dimensions 2.75 x 4.25 x 0.75 in.
Weight 4.25 oz.

Cat. No.	Description	Qty.
CH2971-6	Low temp thermometer	1/ea

Minimum-Maximum Alarm Digital Thermometer

CARDINAL HEALTH

- NIST Compliant® with certificate

- Triple display simultaneously shows temperature, alarm limit, timer/clock
- Programmable high temperature alarm limit
- Magnets for attachment
- Count down-up timer max 24 hours
- 12/24 hour format clock display
- Adjustable display angle
- °C/F switchable
- Curved stainless steel probe .25 x 8.5 in. long.
- Two AAA 1.5V batteries included



Specifications:

Range 0°C to 300°C (32°F to 582°F)
Dimensions LCD display: 1.5 x 2.0 in. - visible 9 ft. away
Product: 75 x 128 x 21mm (W x H x D)

Cat. No.	Description	Qty.
CH2941-2	Minimum-maximum alarm thermometer	1/ea

Mini Digital Thermometer

CARDINAL HEALTH

- NIST Compliant® with certificate

- 5 in. stainless steel probe with protective plastic cap
- One second normal temperature sensing time
- Min/max temperature memory recall
- One hour auto shut off
- °C/F switchable
- Data hold/test function selectable
- Low battery indicator
- 1.5V G13/A76 battery included



Specifications:

Range -50°C to 150°C (-58°F to 302°F)
Resolution 0.1°C -19.9°C to 199.9°C, otherwise 1°
Accuracy ±1°C -30°C to 150°C (±1.8°F -22°F to 302°F)

Cat. No.	Description	Qty.
CH-4146	Mini digital thermometer	1/ea

Monitoring/Control Thermometer

CARDINAL HEALTH

- NIST Compliant® with certificate

- Min/max temperature memory recall
- Programmable high/low buzzer and flashing icon alarm
- Dust and waterproof IP65
- Magnet sensor holder and bench stand
- °C/F switchable
- Low battery indicator
- Probe and 3 meter cable
- CR2032 battery included

Specifications:

Range -40°C to 70°C (-40°F to 158°F)
Resolution 0.1°
Accuracy ±0.5°C -25°C to 25°C otherwise ±1°C
Dimensions86 x 57 x 30mm (W x H x D)

Cat. No.	Description	Qty.
CH4047	Monitoring/control thermometer	1/ea

Temperature Monitoring

Thermometers - Digital General Use

Flip-Stick Digital Thermometer

CARDINAL HEALTH

- NIST Compliant® with certificate
- One second temperature sensing time
- Minimum and maximum memory
- °C/F switchable
- Data hold/test function
- 5½ in. probe
- Probe folds in - out for on and off


Specifications:

Range -50°C to 300°C (-58°F to 572°F)
 Resolution 0.1°C -19.9°C to 199.9°C
 Accuracy ±1°C (1.8°F)
 Adjustable angles 45°, 90°, 135°, 180°

Cat. No.	Description	Qty.
CH-4272	Flip-stick thermometer	1/ea



Pocket Digital Thermometer

CARDINAL HEALTH

- NIST Compliant® with certificate
- One second normal temperature sensing time
- Min/max temperature memory recall
- °C/F switchable
- Data hold/test function selectable
- Low battery indicator
- One hour auto shut off
- 4 in. stainless steel sensor probe
- Protective plastic sleeve with clip
- Rubber coated housing
- Battery included

Specifications:

Range -50°C to 300°C (-58°F to 572°F)
 Resolution 0.1°C -19.9°C to 199.9°C, otherwise 1°
 Accuracy ±1°C (1.8°F)

Cat. No.	Description	Qty.
CH-4050	Pocket digital thermometer	1/ea

Jumbo Display Dial Digital Thermometer

CARDINAL HEALTH

- NIST Compliant® with certificate
- One second normal temperature sensing time
- Min/max temperature memory recall
- °C/F switchable
- Data hold/test function selectable
- Low battery indicator
- One hour auto shut off
- 5.25 in. stainless steel probe
- Protective plastic sleeve with clip
- "393" 1.5V battery included



CH2971-2: water resistant, 3.8 in. (97mm) stainless steel probe with 1 meter of cable

Specifications:

Range -50°C to 300°C (-58°F to 572°F)
 Resolution 0.1°C -19.9°C to 199.9°C, otherwise 1°
 Accuracy ±1°C (1.8°F)

Cat. No.	Description	Qty.
CH4049	Jumbo dial thermometer - 5.25 in. probe	1/ea
CH2971-2	Jumbo dial thermometer - 3.8 in. probe	1/ea

Temperature Monitoring

Thermometers - Digital General Use-Stem



Long-Stem and Ultra Long-Stem Digital Thermometer

CARDINAL HEALTH

CH2960-9

- NIST Compliant® with certificate
- 12 in. probe

CH2960-10

- NIST Compliant® with certificate
- 12 in. probe
- Calibrated to 0.5°C

Specifications:

Range -50°C to 300°C (-58°F to 572°F)

Cat. No.	Description	Qty.
CH2960-9	Long-stem thermometer	1/ea
CH2960-10	Ultra long-stem thermometer	1/ea



Waterproof and Ultra Waterproof Digital Thermometer

CARDINAL HEALTH

CH2960-15

- NIST Compliant® with certificate
- 5 in. probe

CH2960-16

- NIST Compliant® with certificate
- 5 in. probe
- Calibrated to 0.5°

Specifications:

Range -50°C to 300°C (-58°F to 572°F)

Cat. No.	Description	Qty.
CH2960-15	Waterproof thermometer	1/ea
CH2960-16	Ultra waterproof thermometer	1/ea

Wide Range and Ultra Wide Range Long-Stem Digital Thermometer

CARDINAL HEALTH

- NIST Compliant® with certificate
- °C/F switchable
- 8 in. stainless steel stem with probe cover

Specifications:

CH2939-1

Range -50°C to +300°C (-58°F to +572°F)

Resolution 0.1°C -20°C to 200°C, otherwise 1°

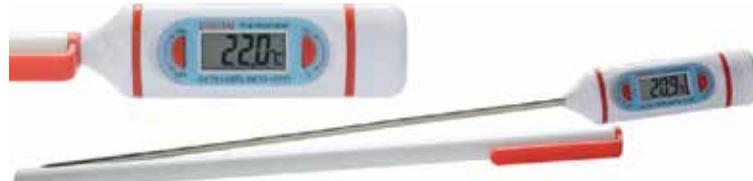
Accuracy ±1°C between -30°C to 150°C

CH3018SUP

Range -50°C to 150°C (-58°F to 302°F)

Resolution 0.1°

Accuracy ±1°C between -20°C to 120°C "Supra" model ±0.2°C and 0.5°C @ test points



Cat. No.	Description	Qty.
CH2939-1	Wide range long-stem thermometer	1/ea
CH3018SUP	Ultra wide range long-stem thermometer	1/ea

Temperature Monitoring

Thermometers - Digital Precision

Digital "K" Single Probe Thermocouple Thermometers

CARDINAL HEALTH

- NIST Compliant® with certificate
- Ten memory storage
- Min/max temperature memory recall
- High-low audible alarm function
- Count up timer (set from 1 min. to 23 hr. 59 min.)
- Optional 1 hour shut off
- Low battery indicator
- Back light
- PVC boot for protection
- Flip-out stand
- Immersion probe included
- Three AAA batteries, dust protector, water resistant case included



Specifications:

Range -200°C to 1370°C (-328°F to 2498°F) 2.0°C, -200°C to 50°C (4.0°F, -328°F to -58°F)

Resolution 0.1° for the whole range

Accuracy 1°C/2.0°F -50° to 250°C/4.0°F -200° to -51°, 251° to -500° 3.0°C/6.0°F 50° to 740°

Differential Measurement (ΔT = T1-T2), ACC960K2 only

Cat. No.	Description	Qty.
CH2960-6	Digital "K" thermocouple thermometer with immersion probe	1/ea

Precision - Single Probe Pt100 Thermometers

CARDINAL HEALTH - The handheld Pt100 thermometers are high precision, metrology grade, NIST Compliant® instruments. These high accuracy thermometers are used when temperature measurements are critical and/or when online documentation is required. Optional DE-Graph windows software for graphic and tabular documentation.

- NIST Compliant® - DKD/DAkkS
- Includes Pt100 platinum probe
- USB interface
- High measuring accuracy
- Integrated calibration function for simple compensation of sensor tolerances
- Two-line LCD, simultaneous display of two measured values
- Physical one-point, two-point or three-point calibration function
- Measuring channels are freely assignable
- Recording of minimum, maximum, hold and average values
- Integrated sensor holder for one hand operation
- 9V battery



Specifications:

Measuring Range -200 to 850°C

Resolution 0.01°C (-200°C to 200°C) otherwise 0.1°C respectively 0.1 %

Accuracy ±0.03°C from -50 to 199.99°C, ±0.05°C from -200 to 200°C otherwise 0.05 % of reading

Connectors DIN 8-pole

ProbeType Temp and humidity immersion

Measuring Range 30°C to 80°C, 0 to 100% RH

T90 Response Time 8 seconds

Working Temperature 0°C to 40°C (32°F to 104°F)

Dimensions 8 x 3.5 x 1.5 in. (L x W x H)

Battery life Approx. 20 hr.

Cat. No.	Description	Qty.
CHD650PP	Single Probe Pt100 high precision digital thermometer	1/ea

Temperature Monitoring

Thermometers - Infrared-Handheld

ScanTemp 410 Handheld Infrared Thermometer

CARDINAL HEALTH

- Applications: HVAC, electrical maintenance, detect process maintenance problems
- Display hold
- °C/°F switchable
- Backlight display
- Pouch and two AAA 1.5V batteries Included

**Specifications:**

Range	-33°C to 500°C
Accuracy	±2% or 2°C whichever is greater
Repeatability	±1% of reading or ±1°C, whichever is greater
Optical Resolution	11:1
Display Resolution	0.1°C (4 digit LCD)
Working Temperature	0°C to 50°C
Response time	1 second
Spectral Response	6-14 μm
Emissivity	0.95 max temperature
Dimensions/weight	175 x 39 x 79 mm/180g

Cat. No.	Description	Qty.
CH2960-11	ScanTemp 410 infrared thermometer - min/max readings	1/ea
CH2960-14	ScanTemp 410 infrared thermometer	1/ea

ScanTemp 440 Handheld Infrared Thermometer

CARDINAL HEALTH

- **NIST Compliant® with certificate**
- Type K Probe Input (use any standard K probe)
- Simultaneous display of max/min and alarm
- Laser sighting
- °C/°F switchable
- Backlight display
- Adjustable emissivity
- Functions: hold, min/max, dif and avg
- Alarm function, high/low, audible and visual
- Lock mode for continuous measurements
- Pouch and two AAA 1.5V batteries included

**Specifications:**

Range laser	-33°C to 500°C
Thermocouple input	-64°C to 1400°C
Accuracy laser	±2% or 2°C whichever is greater
Thermocouple input	±1% or 1°C whichever is greater
Optical resolution	11:1
Display resolution	0.1°C (above 200°C 1°C)
Working temperature	0°C to 50°C
Response time	1 second
Spectral response	6 - 14 μm
Emissivity	Adjustable 0.10 to 1.00
Dimensions/weight	175 x 39 x 79mm/180g

Cat. No.	Description	Qty.
CH2971-11	ScanTemp 440 infrared thermometer	1/ea

To order, call: 800.964.5227

cardinalhealth.com

ScanTemp 485 Professional Handheld Infrared Thermometer

CARDINAL HEALTH - ScanTemp 485 infrared thermometer is high precision due to a special glass lens with double-laser sighting. It shows the exact spot size area and an optical resolution of 20:1. This allows technicians to carry out accurate non-contact surface measurements for electrical, mechanical maintenance, HVAC checks, automotive testing and other applications that temperature is a factor.

**NIST Compliant® with certificate**

- Precision glass optics for accurate non-contact temperature measurement
- Laser sighting with narrow beam aiming for accurate readings
- °C/°F switchable
- Backlight display
- Functions: hold, min/max, Ems and scan
- Alarm function, high/low, audible and visual
- Pouch and 9V alkaline battery included

Specifications:

Range	-50°C to 800°C (-58°F to 1472°F)
Accuracy	±2% or ±2°C
Optical resolution (D:S)	20:1, (0.8340277778)
Display resolution	0.1°C (0.1°F)
Response time (95%)	Approx. 0.2 second
Ambient temperature	0°C to 50°C
Spectral response	8 - 14 μm
Emissivity	0.10 - 1.00
Spectral response	6 - 14 μm
Laser	<1mW laser class IIa
Battery life	20 hours with 50% laser and backlight; 40 hours laser and backlight off
Dimensions/weight	146 x 104 x 43mm/450g

Cat. No.	Description	Qty.
CH-4375	ScanTemp 485 infrared thermometer	1/ea

High-Temperature Plus Infrared Thermometer

CARDINAL HEALTH

Specifications:

Range	-50°C to 1000°C/F
Accuracy	±2%
Response time	0.2 seconds

Cat. No.	Description	Qty.
CH2971-13	High-temperature plus infrared thermometer	1/ea



Temperature Monitoring

Thermometers - Infrared-Pocket

Flash III Infrared Thermometer with Laser Spotting

CARDINAL HEALTH

- °C/F switchable
- Min/max memory recall
- Automatic hold
- Lock-mode for continued measurements with laser
- Adjustable emissivity
- Two CR2032 cell batteries included



Specifications:

Range	-55°C to 250°C
Accuracy.....	±2% or ±2°C
Repeatability	1% or ±1°C
Display resolution.....	0.1°C
Response time.....	0.05 second
Working temperature	0°C to 50°C
Storage temperature.....	-20°C to 50°C
Emissivity.....	0.01 to 1.00 adjustable
Optical Resolution	6:1
Dimensions/weight	104 x 60 x 21.5mm/110g

Cat. No.	Description	Qty.
CH2971-10	Flash III infrared thermometer	1/ea



Flash-Pen Infrared Thermometer

CARDINAL HEALTH - Rely on this IR thermometer for quick and easy surface temperature measurements. Ideal for HVAC, plant maintenance, technicians, electricians, mechanics, health care workers and many others.

- °C/F switchable
- Pocket with clip
- Made of durable metal
- Digital readout
- Two LR 44 button cell batteries included

Specifications:

Range	-33°C to 220°C (-27°F to 428°F)
Accuracy.....	±2% or ± 2°C
Response time.....	Approx. 1 second
Dimensions.....	.87 x 18 x 16 mm

Cat. No.	Description	Qty.
CH2971-9	Flash-pen infrared thermometer	1/ea

Mini-Flash Infrared Thermometer

CARDINAL HEALTH - Mini-Flash Infrared thermometer is very simple to use. To measure a temperature point unit at object, pull the trigger and read the measuring value from the display. Used for easy and quick measurements on surfaces.



- °C/F switchable
- Min/max memory recall
- Automatic hold
- Lock-mode for continued measurements
- CR2032 cell battery included

Specifications:

Range	-33°C to 220°C (-27°F to 428°F)
Accuracy.....	0°C to 50°C ±1.5°C, otherwise 2% or ±2°C
Repeatability	1% or ±1°C
Display resolution.....	0.1°C
Response time.....	0.5 second
Working temperature	0°C to 50°C
Storage temperature.....	-20°C to 50°C
Emissivity.....	0.95 fix
Distance: Spot size	1.3:1
Dimensions.....	.68 x 37 x 18mm

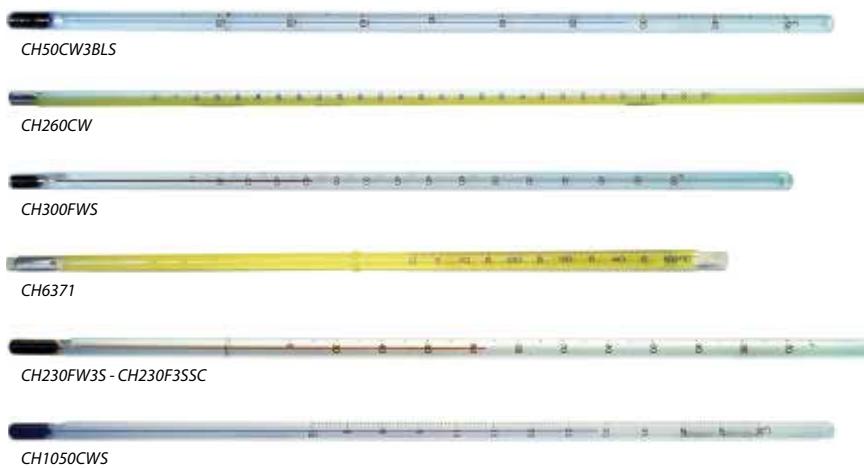
Cat. No.	Description	Qty.
CH2960-12	Mini-flash infrared thermometer	1/ea



Equipped
to make a difference.

Temperature Monitoring

Thermometers - Liquid in Glass



Glass Thermometers

CARDINAL HEALTH

- NIST Compliant®

Cat. No.	Description	Range	Divisions
CH10053	76mm immersion thermometer	-1°C to 101°C	0.2°C
CH50CW3BLS	76mm immersion spirit-filled thermometer	-35°C to 50°C	1°C
CH645	Short-immersion thermometer - mercury - length 75mm - 12mm immersion	0°C to 50°C	1°C
CH260CW	Total-immersion spirit-filled thermometer	-20°C to 260°C	1°C
CH300FWS	Total-immersion spirit-filled thermometer	0°F to 300°F	2°F
CH6371	Incubator thermometer - enlargement for correct immersion - mercury	0°C to 50°C	0.5°C
CH230FW3S	Organic thermometer	0°F to 230°F	2°F
CH230F3SSC	Organic thermometer - safety coated	0°F to 230°F	2°F
CH1050CWS	Spirit-filled thermometer	-10°C to 50°C	0.5°C
CH535S-1	Tissue flotation bath thermometer - lays flat on bottom of bath - easy to read	-20°C to 105°C	1°C

Minimum/Maximum Thermometer

CARDINAL HEALTH - This minimum/maximum thermometer is used to monitor temperatures in freezers, refrigerators and incubators as well as ambient air. It registers the highest and lowest temperatures reached over a certain time frame and then can be reset with the push-button feature. Spirit filled total immersion thermometer is enclosed in ABS plastic housing.

- Fahrenheit and Celsius Scales
- Push-button reset

Specifications:

Range -40°C to 50°C (-40°F to 120°F)
 Accuracy ±2%
 Divisions 1°C and 2°F
 Dimensions 8 x 2 1/2 x 1 in. (H x L x W)



Refrigerator/Freezer Hanging Thermometer

CARDINAL HEALTH - This dualscale thermometer is ideal for both refrigerators and freezers. It features an enclosed bulb to help ensure average temperature readings and an open scale for easy, accurate readings. The thermometer's rust-resistant case has stainless steel hangers with keyhole brackets for easy hanging and removal. Enamelled aluminium scale. Thermometer can hang or stand.

Specifications:

Temperature Range 40°C to 25°C (-40°F to 80)

Cat. No.	Description	Qty.
CH5001	Refrigerator/freezer hanging thermometer	1/ea

Cat. No.	Description	Qty.
CHB12408	Minimum/maximum thermometer	1/ea

To order, call: 800.964.5227

cardinalhealth.com

 **CardinalHealth™**

Test Tubes and Accessories

Caps and Closures



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



AccuTube® Plug Closures

CARDINAL HEALTH - These low-density polyethylene plug caps fit snugly on 12mm tubes.

Cat. No.	Description	Qty.
B2996-72	Blue	5,000/cs
B2996-73	Green	5,000/cs
B2996-75	Natural	5,000/cs
B2996-71	Red	5,000/cs
B2996-74	Yellow	5,000/cs
B2996-70	White	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, 13 and 16mm tubes.

Cat. No.	Description	Qty.
T1226-39	Polyethylene snap cap closure	10,000/cs

Flange Plug Caps

CARDINAL HEALTH - These polyethylene caps have two flexible flanges for a liquid-tight seal. Designed to fit into test tubes, round cuvettes and centrifuge tubes, these caps help prevent spills and evaporation. Available in assorted colors.



Cat. No.	Description	Qty.
12mm/13mm		
CHPCFBL	Blue	10,000/cs
CHPCFLV	Lavender	10,000/cs
CHPCFORG	Orange	10,000/cs
CHPCFRD	Red	10,000/cs
CHPCFWH	White	10,000/cs
CHPCFYL	Yellow	10,000/cs
16mm		
CHPCFNT16	Natural	10,000/cs

SAV-IT® Closures

CARDINAL HEALTH - 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 Quality Scientific Plastics, Inc.

Cat. No.	Description	Qty.
12mm/13mm		
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
16mm		
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

Pricing

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

Test Tubes and Accessories

Caps and Closures

Snap Cap Closures

CARDINAL HEALTH - 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.
12mm/13mm		
B3035-82V	Blue	10,000/cs
B3035-86V	Gray	10,000/cs
B3035-83V	Green	10,000/cs
B3035-85V	Lavender	10,000/cs
B3035-81V	Red	10,000/cs
B3035-80V	White	10,000/cs
B3035-84V	Yellow	10,000/cs
16mm		
B3035-52V	Blue	10,000/cs
B3035-56V	Gray	10,000/cs
B3035-53V	Green	10,000/cs
B3035-55V	Lavender	10,000/cs
B3035-51V	Red	10,000/cs
B3035-50V	White	10,000/cs
B3035-54V	Yellow	10,000/cs

Standard Plug Caps

CARDINAL HEALTH - These low density polyethylene plug caps fit snugly in 12mm tubes.



Cat. No.	Description	Qty.
12mm - hollow top		
CHPCSL12	Blue	10,000/cs
CHPCGN12	Green	10,000/cs
CHPCNT12	Natural	10,000/cs
CHPCRD12	Red	10,000/cs
CHPCWH12	White	10,000/cs
CHPCSYL12	Yellow	10,000/cs

Universal Plug Cap Closures

CARDINAL HEALTH - For a firm, positive closure with a universal cap, turn to these universal plug 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 sample integrity, while preventing loss due to evaporation. Available in seven colors.



Cat. no.	Description	Qty.
10mm, 12mm, 13mm and 16mm		
CHPCUBK	Black	10,000/cs
CHPCUBL	Blue	10,000/cs
CHPCUGY	Gray	10,000/cs
CHPCUGN	Green	10,000/cs
CHPCULV	Lavender	10,000/cs
CHPCURD	Red	10,000/cs
CHPCUYL	Yellow	10,000/cs



XXX Laboratory-Grade Corks

CARDINAL HEALTH - XXX standard laboratory-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

Test Tubes and Accessories

Glass Tubes

Culture Tubes

CARDINAL HEALTH - 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 75mm tubes	250 pk, 1,000/cs
SP1290-3	12 x 75mm tubes	250 pk, 1,000/cs
SP1290-4	13 x 100mm tubes	250 pk, 1,000/cs
SP1290-6	16 x 100mm tubes	250 pk, 1,000/cs
SP1290-13	13 x 45mm tubes	250 pk, 1,000/cs

Rim Top, KIMAX™ N-51A Borosilicate Glass Tubes

CARDINAL HEALTH - Borosilicate glass KIMAX™-51 composition assures 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

Plastic Tubes

AccuTube® Test Tubes and Caps

CARDINAL HEALTH - These test tubes and caps are designed for demanding liquid handling and general laboratory applications. Test tubes feature uniform size, shape and wall thickness to help prevent cracking of the side walls and pinhole leaks. The special lip design provides for a precise fit when used with the appropriate cap closure to seal either inside the test tube or over the tube rim. Supplied with 12/13mm polyethylene snap cap. Multifitting flange and snap caps, also 12/13mm, are available separately. 12 x 75mm size; 5mL capacity.



Cat. No.	Description	Qty.
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
T1226-37	Flange	10,000/cs
T1226-39	Snap	10,000/cs

Plastic Culture Tubes

CARDINAL HEALTH - These test tubes and caps are designed for demanding liquid handling and general laboratory applications. Test tubes feature uniform size, shape and wall thickness to help prevent cracking of the side walls and pinhole leaks. The lip design provides for a precise fit when used with the appropriate cap closure to seal either inside the test tube or over the tube rim. Available with or without cap in polypropylene or polystyrene.



Cat. No.	Description	Qty.
Polypropylene, 12 x 75mm		
CHB1275PP	Without cap	1,000/cs
CHB1275PPC	With snap cap	1,000/cs
CHT1275PPS	Without cap, sterile	125/pk, 1,000/cs
CH1275PPCS	With snap cap, sterile	125/pk, 1,000/cs
Polystyrene, 12 x 75mm		
CHT1275PS	Without cap	125/pk, 500/cs
CHB1275PS	Without cap	1,000/cs
CHB1275PSC	With snap cap	1,000/cs
CHT1275PSS	Without cap, sterile	125/pk, 1,000/cs
CH1275PSSC	With snap cap, sterile	25/pk, 500/cs
CH1275PSCS	With snap cap, sterile	125/pk, 1,000/cs

Test Tubes and Accessories

Plastic Tubes

Microcentrifuge Tubes with Locking Lid

CARDINAL HEALTH - These 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.
0.6mL tubes		
C1300-62	Natural	1,000/pk, 10,000/cs
C1300-63	Red	1,000/pk, 10,000/cs
C1300-64	Blue	1,000/pk, 10,000/cs
C1300-65	Green	1,000/pk, 10,000/cs
C1300-66	Yellow	1,000/pk, 10,000/cs
C1300-68	Violet	1,000/pk, 10,000/cs
1.5 to 1.7mL tubes		
C1300-42	Blue	500/pk, 5,000/cs
C1300-43	Green	500/pk, 5,000/cs
C1300-44	Natural	500/pk, 5,000/cs
C1300-45	Yellow	500/pk, 5,000/cs
C1300-50	Mixed	500/pk, 5,000/cs
2mL tubes		
C1300-52	Natural	500/pk, 5,000/cs
C1300-60	Mixed	500/pk, 5,000/cs
Sterilized tubes, individually-wrapped		
C1300-71	0.6mL	500/pk, 5,000/cs
C1300-51	1.5 to 1.7mL	250/pk, 2,500/cs
C1300-61	2mL	250/pk, 2,500/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.
C1300-40	Polyethylene	0.4	1,000/pk, 10,000/cs
C1300-41	Polypropylene	25	1,000/pk, 10,000/cs

Microcentrifuge Tubes with Snap Cap

CARDINAL HEALTH - These high-performance polypropylene tubes are autoclavable to 120°C and freezable 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.
0.6mL tubes with flat-top cap, plain		
C1300-11	Natural	1,000/pk, 10,000/cs
C1300-12	Red	1,000/pk, 10,000/cs
C1300-13	Blue	1,000/pk, 10,000/cs
C1300-14	Green	1,000/pk, 10,000/cs
C1300-15	Yellow	1,000/pk, 10,000/cs
C1300-19	Mixed	1,000/pk, 10,000/cs
1.5mL tubes with flat-top cap, graduated		
C1300-21	Red	500/pk, 5,000/cs
C1300-22	Blue	500/pk, 5,000/cs
C1300-23	Green	500/pk, 5,000/cs
C1300-24	Yellow	500/pk, 5,000/cs
C1300-26	Violet	500/pk, 5,000/cs
C1300-27	Amber	500/pk, 5,000/cs
C1300-28	Mixed	500/pk, 5,000/cs
C1300-29	Natural	500/pk, 5,000/cs
2mL tubes with flat-top cap, graduated		
C1300-31	Red	500/pk, 5,000/cs
C1300-31X	Natural	500/pk, 5,000/cs
C1300-32	Yellow	500/pk, 5,000/cs
C1300-36	Violet	500/pk, 5,000/cs
C1300-37	Amber	500/pk, 5,000/cs
C1300-38	Mixed	500/pk, 5,000/cs
Sterilized tubes with flat-top cap, graduated		
C1300-30	Natural, 1.5mL	250/pk, 2,500/cs
C1300-39	Natural, 2mL	250/pk, 2,500/cs

* Patent owned by Hoffman-La Roche, Inc.

Test Tubes and Accessories

Plastic Tubes



Microtiter/Dilution Tubes and Caps

CARDINAL HEALTH - Use these 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.
Tubes only		
R1226-28	Plain	1,000/pk, 10,000/cs
R1226-29	With frosted writing area	1,000/pk, 10,000/cs
Tubes in standard rack		
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
Tubes in rack with alphanumeric markings		
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
Polyethylene micro caps		
R1226-42	Nonsterile	960/pk, 4,800/cs

Screw-Top Microcentrifuge Tubes and Screw Caps

CARDINAL HEALTH - These 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 C1300-83 are also graduated.



Screw-top tubes with skirt



Screw caps with and without O-ring

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.
0.5mL tubes only		
C1300-72	Skirted, natural	500/pk, 5,000/cs
1.5mL tubes only		
C1300-76	Conical, natural	500/pk, 5,000/cs
C1300-77	Conical, amber	500/pk, 5,000/cs
C1300-78	Skirted, natural	500/pk, 5,000/cs
2mL tubes only		
C1300-80	Conical, natural	500/pk, 5,000/cs
C1300-81	Conical, amber	500/pk, 5,000/cs
C1300-82	Skirted, natural	500/pk, 5,000/cs
C1300-83	Skirted, amber	500/pk, 5,000/cs
Screw caps without O-ring		
C1310-1	Natural	500/pk, 5,000/cs
C1310-2	Blue	500/pk, 5,000/cs
C1310-3	Yellow	500/pk, 5,000/cs
C1310-4	Red	500/pk, 5,000/cs
C1310-11	Mixed	500/pk, 5,000/cs
Screw caps with O-ring		
C1310-12	Natural	500/pk, 5,000/cs
C1310-13	Blue	500/pk, 5,000/cs
C1310-14	Yellow	500/pk, 5,000/cs
C1310-15	Red	500/pk, 5,000/cs
C1310-17	Green	500/pk, 5,000/cs
C1310-18	Orange	500/pk, 5,000/cs
C1310-20	Violet	500/pk, 5,000/cs
C1310-21	Amber	500/pk, 5,000/cs
C1310-22	Mixed	500/pk, 5,000/cs
Skirted sterile tubes with O-ring screw cap		
C1310-24	0.5mL	500/pk, 2,500/cs
C1310-26	1.5mL	500/pk, 2,500/cs
C1310-28	2mL	500/pk, 2,500/cs
Conical sterile tubes with O-ring screw cap		
C1310-25	0.5mL	500/pk, 2,500/cs
C1310-27	1.5mL	500/pk, 2,500/cs
C1310-29	2mL	500/pk, 2,500/cs

Test Tubes and Accessories

Plastic Tubes

Sterile Disposable Centrifuge Tubes

CARDINAL HEALTH - These 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
SP3920-12	12mL polystyrene conical	500/pk, 5 pk/cs



Transport Tubes

CARDINAL HEALTH - Use 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.
Nonsterile tubes with cap, unassembled		
T1233-3	Screw cap for 5mL and 10mL tube - blue	2,000/cs
T1233-4	5mL	1,000/cs
T1233-5	10mL	1,000/cs
Sterile tubes with cap, assembled		
T1233-6	5mL	500/cs
T1233-7	10mL	500/cs



We help you
GET YOUR RESULTS

Urinalysis

Analyzers/Controls



CLINITEK Advantus® Urine Analyzer

SIEMENS HEALTHCARE DIAGNOSTICS - The CLINITEK Advantus Urine Analyzer automatically reads, interprets and documents urinalysis test strip results quickly up to one test every 7 seconds. Other features include: barcode entry of patient and operator ID, flags for microscopic and confirmatory follow-up, microscopy result entry, QC prompting and lock-out, auto-calibration, stat interrupt and LIS connectivity.

Cat. No.	Mfr. No.	Description	Qty.
U2261-502	1420	CLINITEK Advantus Urine analyzer	1/ea



CLINITEK Status®+ and CLINITEK Status® Connect Urine Analyzers

SIEMENS HEALTHCARE DIAGNOSTICS - Use the CLINITEK Status + Analyzer or CLINITEK Status Connect System for the semi-quantitative detection of albumin, bilirubin, blood (occult), creatinine, glucose, ketone (acetoacetic acid), leukocytes, nitrite, pH, protein, specific gravity, urobilinogen and qualitative hCG in urine samples, depending on the type of urinalysis test used. **CLIA-waived** urine analyzer with touch-screen display featuring alphanumeric input, operator and QC management and connectivity. CLINITEK Status + Analyzer has a 950-patient test memory, including name and/or patient identification, plus a memory for 700 operator IDs. CLINITEK Status Connect System provides additional features: QC management and lock-out with 200 control test memory, barcode reader and additional connectivity ports.

Cat. No.	Mfr. No.	Description	Qty.
1780A	1780	CLINITEK Status + Analyzer	1/ea
1797A	1797	CLINITEK Status Connect System	1/ea

MAS UA Controls

THERMO SCIENTIFIC - A bi-level control that is liquid and ready-to-use with improved room temperature storage capability. This urine control was designed for monitoring urine dipstick and microscopic components and is assayed for most major reagent strips and strip systems. It includes 10 commonly tested dipstick tests plus microalbumin, creatinine and hCG.



Cat. No.	Mfr. No.	Description	Qty.
UAB-MP	UAB-MP	Multi-pack, bi-level, 6 x 15mL	1/ea
UAB-115	UAB-115	Level 1 (normal), 6 x 15mL, 4 x 60mL	1/ea
UAB-215	UAB-215	Level 2 (abnormal), 6 x 15mL, 4 x 60mL	1/ea
UAB-160	UAB-160	Level 1 (normal), 6 x 15mL, 4 x 60mL	1/ea
UAB-260	UAB-260	Level 2 (abnormal), 6 x 15mL, 4 x 60mL	1/ea



MAS Urinalysis

THERMO SCIENTIFIC - A bi-level urine control designed for monitoring urine dipstick and microscope components. This liquid control is assayed for most major reagent strips and strip systems.

Cat. No.	Mfr. No.	Description	Qty.
24222	024222	Level 1 (abnormal), 4 x 15mL, 4 x 60mL	1/ea
24227	024227	Level 3 (abnormal), 4 x 15mL, 4 x 60mL	1/ea
24225	024225	Level 1 (normal), 4 x 15mL, 4 x 60mL	1/ea
24224	024224	Level 3 (normal), 4 x 15mL, 4 x 60mL	1/ea



Sentry Urine Dipstick Control

THERMO SCIENTIFIC - Ready-to-use liquid controls are ideal for most urinalysis strips and can be used with automated strip readers. Stable for 12 months at room temperature after opening. Can be stored unopened for 18 months at 2°C to 8°C. Kit contains four 25mL vials of control, two normal and two abnormal.

Cat. No.	Mfr. No.	Description	Qty.
B8611-25A	URN5005	Sentry urine controls kit	1/ea



Urinalysis System and Components

CARDINAL HEALTH - Ready-to-use disposable components are designed to work in conjunction with one another for consistent and cost-effective performance. Kits and components standardize critical steps in the macroscopic and microscopic examination of clinical urine specimens.

Cat. No.	Description	Qty.
Complete system pack for urine collection/transport/testing up to 500 urine samples		
CH3048-2A	5 bags of 100 ultra urine tubes 5 bags of 100 urine cups 5 bags of 100 caps for urine tubes 5 bags of 100 labels 5 transport racks	1 kit/cs
Complete system pack II for urine collection/transport/testing up to 500 urine samples		
CH2195-1	5 bags of 100 economy urine tubes 5 bags of 100 urine cups 5 bags of 100 caps for urine tubes 5 bags of 100 labels 5 transport racks	1 kit/cs
Economy system pack for 500 urinalysis determinations		
CH3050-8	500 economy urine tubes 500 urine decanting pipettes 500 10-chambered slides	1 kit/cs
Ultra system pack for 1,000 urinalysis determinations		
CH3050-9	1,000 ultra urine tubes 1,000 urine decanting pipettes 100 10-chambered slides	1 kit/cs
Ultra system pack with caps for 1,000 urinalysis determinations		
CH3050-5	1,000 ultra urine tubes 1,000 caps for urine tubes 1,000 urine decanting pipettes 100 10-chambered slides	1 kit/cs
Components		
CH3050-1	Economy urine tubes - 12mL graduated, polystyrene	500/cs
CH3050-2	Ultra urine tubes - 12mL graduated, break-resistant	500/cs
CH3050-3	Caps for urine tubes	500/cs
CH3050-4	Urine decanting pipettes	500/pk, 10pk/cs
CH3050-17	10-chambered slides	100/pk, 10pk/cs

Urinalysis

Supplies



Components of Urine Collection Kits

BD Vacutainer® Urine Collection Products

BD - The BD Vacutainer® Urine Collection System provides a wide array of urine collection products to meet your everyday urine testing needs. The BD proprietary, mercury-free urinalysis preservative maintains sample integrity for up to 72 hours at room temperature to help reduce contamination rates, while the BD microbiology preservative maintains bacterial viability for up to 48 hours at room temperature and helps prevent overgrowth of contaminants. From collection to transport to specimen preservation, BD Vacutainer® Urine Products help you handle the most commonly collected and analyzed body fluid.

Cat. No.	Mfr. No.	Description	Qty.
U3040-16	364957	Complete kit: sterile screw-cap collection cup with integrated transfer device and 8mL, 16 x 100mm plus plastic conical tube with preservative for urinalysis and 4mL, 13 x 75mm plus plastic C&S preservative tube and castile soap towelettes. Conventional red/yellow closure.	50 kits/cs
U3040-15	364956	Complete kit: sterile screw-cap collection cup with integrated transfer device and 8mL, 16 x 100mm plus plastic conical tube for urinalysis and 4mL, 13 x 75mm plus plastic C&S preservative tube and castile soap towelettes. Conventional.	50 kits/cs
U3040-14	364954	C&S cup kit: sterile screw-cap collection cup with integrated transfer device and 4mL, 13 x 75mm plus plastic C&S preservative tube and castile soap towelettes.	50 kits/cs
U3040-13	364953	C&S transfer straw kit: transfer straw and 4mL, 13 x 75mm plus plastic C&S preservative tube.	50/bx, 4 bx/cs
364946	364946	Urinalysis cup kit: sterile screw-cap collection cup with integrated transfer device and 8mL, 16 x 100mm plus plastic conical tube with preservative for urinalysis.	50 kits/cs
364981	364981	Urinalysis cup kit: sterile screw-cap collection cup with integrated transfer device and 10mL, 16 x 100mm plus plastic round bottom tube for urinalysis.	50 kits/cs
364989	364989	Urinalysis cup kit: sterile screw-cap collection cup with integrated transfer device and 8mL, 16 x 100mm plus plastic conical tube for urinalysis.	50 kits/cs
364990A	364990	Urinalysis transfer straw kit: transfer straw and 10mL, 16 x 100mm plus plastic round bottom tube for urinalysis.	50/bx, 4 bx/cs
364991A	364991	Urinalysis transfer straw kit: transfer straw and 8mL, 16 x 100mm plus plastic conical tube for urinalysis.	50/bx, 4 bx/cs
364943	364943	Urinalysis transfer straw kit: transfer straw and 8mL, 16 x 100mm plus plastic conical tube with preservative for urinalysis.	50/bx, 4 bx/cs
Urine bulk products			
364951	364951	Bulk tube: 4mL, 13 x 75mm plus plastic C&S preservative tube.	100/pk, 10 pk/cs
B2994-96	366408	Bulk tube: 6mL, 13 x 100mm plus plastic no additive (Z) tube.	100/pk, 10 pk/cs
364992	364992	Bulk tube: 8mL, 16 x 100mm plus plastic conical bottom tube with preservative for urinalysis.	100/pk, 10 pk/cs
BF365017	365017	Bulk tube: 8mL, 16 x 100mm plus plastic round bottom tube with preservative for urinalysis.	100/pk, 10 pk/cs
364980	364980	Bulk tube: 8mL, 16 x 100mm plus plastic conical tube for urinalysis.	100/pk, 10 pk/cs
364979	364979	Bulk tube: 10mL, 16 x 100mm plus plastic round bottom tube for urinalysis.	100/pk, 10 pk/cs
364975	364975	Urine collection cup with integrated transfer device	200/cs
364966	364966	Urine transfer straw	100/pk, 10 pk/cs



Siemens Urinalysis Reagent Strips

SIEMENS HEALTHCARE DIAGNOSTICS - Reagent strips for urinalysis are firm plastic strips to which separate reagent test pads are affixed. The reagent strips provide tests for glucose, bilirubin, ketone (acetoacetic acid), specific gravity, blood, pH, protein, urobilinogen, nitrite, leukocytes, albumin and creatinine found in urine samples. The reagent test pads on these reagent test strips are ready to use right from the bottle and the entire reagent strip is disposable.

Certain configurations of urinalysis strips require instrument readings on the CLINITEK Status+®, CLINITEK Status Connect® and CLINITEK Advantus® urine chemistry analyzers, which offer increased standardization in urinalysis. Lot number and expiration date are included. Additional accessories for CLINITEK analyzers are available.

Cat. No.	Mfr. No.	Description	Qty.
Visual or instrument read			
U2604-2	2161	Glucose, bilirubin, ketone, specific gravity, blood, pH, protein, urobilinogen, nitrite, leukocytes	100/pk, 24 pk/cs
U2604-12	1554	Glucose, ketone, specific gravity, blood, pH, protein, nitrite, leukocyte, creatinine and protein to creatinine ratio	100/pk, 24 pk/cs
U2604-11	1566	Glucose, ketone, specific gravity, blood, pH, protein, nitrite, leukocyte, creatinine and protein to creatinine ratio	25/pk, 24 pk/cs
U2604-3	2162	Glucose, bilirubin, ketone, blood, pH, protein, urobilinogen, nitrite, leukocytes	100/pk, 24 pk/cs
U2604-4	2163	Glucose, bilirubin, ketone, specific gravity, blood, pH, protein, nitrite, leukocytes	100/pk, 24 pk/cs
U2604-5	2164	Glucose, ketone, specific gravity, blood, pH, protein, nitrite, leukocytes	100/pk, 24 pk/cs
U2604-9	2165	Glucose, ketone, blood, pH, protein, nitrite, leukocytes	100/pk, 24 pk/cs
B5373-2309	2309	Glucose, blood, protein, nitrite, leukocytes	100/pk, 24 pk/cs
U2604-6	2166	Protein, glucose, nitrite, leukocytes	100/pk, 12 pk/cs
U2605-1	2179	Glucose, bilirubin, ketone, specific blood, pH, protein, urobilinogen	100/pk, 24 pk/cs
U2722	2182	pH, protein, glucose, blood	100/pk, 12 pk/cs
U2711	2184	Protein, glucose	100/pk, 12 pk/cs
Instrument read only by Siemens CLINITEK Status+ and Status Connect analyzers			
U2400-3A	2083	Microalbumin, creatinine and albumin to creatinine ratio	25/pk, 12 pk/cs
Visual read			
U2723	2181	pH, protein, glucose, ketone, blood	100/pk, 24 pk/cs
U2721	2183	pH, protein, glucose	100/pk, 12 pk/cs
U2604-3	2162	Glucose, bilirubin, ketone, blood, pH, protein, urobilinogen, nitrite, leukocytes	100/pk, 24 pk/cs
U2604-4	2163	Glucose, bilirubin, ketone, specific gravity, blood, pH, protein, nitrite, leukocytes	100/pk, 24 pk/cs
U2605-1	2179	Glucose, bilirubin, ketone, specific blood, pH, protein, urobilinogen	100/pk, 24 pk/cs
U2330	2190	Blood	50/pk, 12 pk/cs
U2386	2191	Blood, Protein	100/pk, 12 pk/cs

Waste Management and Supplies

Biohazard Containers

Bio-Check™ Safe-Keeper™ Biohazard Container

CARDINAL HEALTH - Use this Safe-Keeper™ container to collect biohazardous items such as capillary tubes, pipette tips, swabs and stir rods. The container is made of plastic-lined, sturdy paperboard with a solid bottom to help prevent contents from leaking or falling out. Shipped flat to conserve storage space, the easy-to-set-up container can be hung from a reinforced hanger hole to save benchtop space. Contaminated contents can be autoclaved in container and discarded according to your local, state and federal disposal regulations. Printed with the OSHA biohazard symbol. Capacity is 2,300cc. Dimensions (L x H x W): 5 3/4 x 11 x 2 in.



One HookUp™ self-adhesive hook is supplied with each case of Safe-Keeper™ containers. Additional hooks are sold separately. Hook is made of a tough plastic and provides a more secure mount for biohazard containers than tape. Also suitable for hanging lab coats, masks, goggles and keys. Dimensions (W x H x D): 2 x 2 x 3/4 in.

HookUp™ and Safe-Keeper™ are trademarks of Whitney Products, Inc.

Cat. No.	Description	Qty.
A9490-3	Safe-Keeper™ biohazard container	200/cs
A9490-22	HookUp™ self-adhesive hook	4/pk

Bench-Top Biohazard Container

CARDINAL HEALTH - Use this 5,900cc biohazard bench-top container to collect used materials such as petri dishes, test tubes, slides, applicator sticks and swabs. The container holds a small amount of liquid because of the plastic-coated lining. It is not intended to hold needles. Container stays flat until ready to use, then folds into a rectangular shape with interlocking flaps and an orange biohazard symbol. The self-locking top keeps the contents safely enclosed. Contaminated contents can be autoclaved in container and discarded according to your local, state and federal disposal regulations. Dimensions (W x L x H): 6 x 6 x 10 in.



Cat. No.	Description	Qty.
CH9490-11	Bench-Top biohazard container	50/cs

Biohazard Bench-Top Keeper™

CARDINAL HEALTH - Use this 1,800cc biohazard container to collect used materials such as test tubes, slides, applicator sticks and swabs. The container's plastic-coated lining allows it to hold a small amount of liquid. It is not intended to hold needles. Container stays flat until ready to use, then folds into a rectangular shape with interlocking flaps and a biohazard symbol. The self-locking top keeps the contents safely enclosed. Contaminated contents can be autoclaved in container and discarded according to your local, state and federal disposal regulations. Dimensions (W x L x H): 4 x 4 x 7 in.



Bench-Top Keeper™ is a trademark of Whitney Products, Inc.

Cat. No.	Description	Qty.
A9490-10A	Bench-Top Keeper™ biohazard container	100/cs



Biohazard Pipet Keeper™

CARDINAL HEALTH - Use this Pipet Keeper™ container to collect pipettes, swabs and other long objects up to 15 in. in length. The webbed corners and plastic-coated lining will hold liquids to avoid soak-through. The container stays folded flat for efficient storage, then opens out for use. An interlocking top and reclosable flaps are easy to use for right- and left-handed users. The 2,300cc container is autoclavable and has a low profile to help prevent tipping. Dimensions (L x W x H): 15.5 x 3 x 3 in.

Pipet Keeper™ is a trademark of Whitney Products, Inc.

Cat. No.	Description	Qty.
A9490-16B	Biohazard pipette container	50/cs

Broken Glass Bench-Top Keeper™

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 5,900cc container is autoclavable and stores flat. Dimensions (W x L x H): 6 x 6 x 10 in.



Bench-Top Keeper™ is a trademark of Whitney Products, Inc.

Cat. No.	Description	Qty.
A9490-15A	Broken glass container	50/cs

Waste Management and Supplies

Biohazard Containers

Safety Toss™ Biohazard Waste Disposal Unit

CARDINAL HEALTH - Safety Toss™ unit is for the disposal of biohazardous laboratory waste. Sturdy corrugated fiberboard containers have a 200 lbs. bursting strength per square inch and feature a 3 mil red biohazard bag liner that helps contain laboratory hazards. The extra-wide, squared opening accommodates larger items up to standard size tube racks. Reclose-A/Remove-A-Lid™ cover offers flexible convenience. When the box is full, secure the safety flap in place and discard the entire unit according to your local, state and federal disposal regulations. This is not a sharps container. English and Spanish instructions are included. Dimensions: Benchtop (W x D x H): 8 x 8 x 10 in.; Floor model 12 x 12 x 27 in.

Reclose-A/Remove-A-Lid™ is a trademark of Whitney Products, Inc.

Cat. No.	Description	Qty.
S1388-1B	Benchtop unit	6/cs
S1388-2B	Floor model	6/cs



Waste Containers



Bench Top Waste Containers

CARDINAL HEALTH - Acrylic containers for the table top facilitate disposal of small objects such as Pasteur pipettes 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. The S1389-127 is designed for a 8 x 8 x 10 in. glass box. Contents should be disposed according to all local, state and federal disposal regulations.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-134	Medium	8 $\frac{1}{2}$ x 4 $\frac{1}{2}$ x 4 in.	1/ea
S1389-144	Large	15 $\frac{1}{2}$ x 8 $\frac{1}{2}$ x 7 $\frac{1}{4}$ in.	1/ea
S1389-127	Waste box holder	11 $\frac{1}{2}$ x 11 x 11 in.	1/ea



Reusable Floor Waste Containers

CARDINAL HEALTH - These 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. Contents should be disposed according to all local, state and federal disposal regulations.



Beta waste container with wheels WB-500WH

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-132	Small - $\frac{3}{16}$ in. thick acrylic	20 $\frac{3}{4}$ x 11 x 9 $\frac{3}{4}$ in.	1/ea
S1389-131	Medium - $\frac{3}{8}$ in. thick acrylic	25 x 12 $\frac{1}{2}$ x 12 $\frac{1}{2}$ in.	1/ea
S1389-128	Large - $\frac{3}{8}$ in. thick acrylic	30 $\frac{1}{4}$ x 17 $\frac{1}{2}$ x 17 $\frac{1}{4}$ in.	1/ea
S1389-126	Waste box holder - $\frac{3}{16}$ in. thick acrylic, holds 12 x 12 x 27 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 12 x 12 x 27 in. waste box	29 x 14 x 14 in.	1/ea
WC-150C	Waste container with wheels	26 $\frac{1}{2}$ x 13 x 13 in.	1/ea
WC-150C	Waste container with wheels	26 $\frac{1}{2}$ x 13 x 13 in.	1/ea

*The products in this catalog may not protect against secondary or other (non-beta) sources of radiation. Users should follow all federal, state and local requirements as they pertain to radiation safety and monitoring.

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	-	8 x 8 x 10 in.
WC-150C	-	11 x 11 x 15 in.
S1389-126	-	12 x 12 x 27 in.
WB-500WH	-	12 x 12 x 27 in.



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