

File: extracted_content_100_20241120202721.txt

URL: <https://www.mybeckman.in/centrifuges/rotors/swinging-bucket>

Swinging-Bucket Rotors

Swinging-bucket centrifuge rotors feature a full pathlength, slow run time, and excellent resolution.

The swinging bucket rotor allows the tube to change angle during the run. The buckets are vertical when stopped and horizontal when running. The parallel geometry of the swinging buckets allow the sample to move through the density gradients without interruption, unlike fixed-angle geometry, where the sample hits the wall and smears, which can compromise the separation.

Ideal for separating large volume samples at low speeds and are particularly useful when samples are to be resolved in rate-zonal (density) gradients. Applications include tissue culture processing, high throughput protocols such as harvesting whole cells from growth, processing of blood collection tubes and rate-zonal separations (i.e., based on size or mass) media.

[Click here to see the New Intellifuge Calculator in action.](#)

File: extracted_content_101_20241120202726.txt

URL: <https://www.mybeckman.in/events/links-2024-user-group-meetings>

LINKS 2024 Automation & Genomics Networking Series

Share this event

About the Event

Plan to attend our next LINKS meeting, where we promise a day focused on exploring the impact our laboratory automation and genomic solutions can have on your work. Join us for an engaging session where you can connect with fellow researchers and industry experts, share insights, and explore solutions that are transforming the field of life sciences.

To connect with us and your peers, simply choose the LINKS Meeting location and date most convenient for you.

Upcoming event locations include:

- Beckman Coulter, San Jose, CA, October 24, 2024
- Univ of Toronto, Toronto, ON, October 30, 2024
- Univ of Maryland, Rockville, MD, November 7, 2024
- TX A&M Univ, Houston, TX, November 7, 2024
- Conference Center at NCBiotech, Research Triangle Park, NC, Nov 13, 2024
- Seattle, WA, Details to come

Lunch will be provided

Previous events:

File: extracted_content_102_20241120202733.txt

URL: <https://www.mybeckman.in/flow-cytometry/software/kaluza-c>

Kaluza C Analysis Software

Purpose-built for clinical laboratories, Kaluza C Flow Cytometry Analysis Software helps you turn critical data into meaningful patient reports.

With the power to process multicolor files of up to 20 million events in real time, Kaluza C software streamlines quality control (QC) reporting requirements and enables you to analyze any flow cytometry standard (FCS) compliant file.

Download your free 30-day trial

- Listed with the FDA as a medical device
- Seamless integration with laboratory information systems (LIS)
- Powerful, real-time processing
- Compliant with FCS standard 3.1 or earlier

Kaluza C software is listed with the FDA as a medical device and is also a CE-marked IVD product, ultimately helping to reduce your tool validation work.

Comprehensive Compatibility

Compatible with listmode data files that are compliant with FCS standard 3.1 or earlier from all acquisition software packages and cytometers.

Enhanced LIS Integration

Kaluza C software provides integration with the LIS, which reduces the need for manual data entry and manual transcription.

Kaluza C Analysis Software 1 Year, 1-User (Single)

Product No: C10575

Kaluza C Analysis Software, 10-User (Network)

Product No: C10576

Kaluza C Analysis Software Perpetual, 1-User (Single)

Product No: C10574

Kaluza C Analysis Software, 5-User (Network)

Product No: C10577

File: extracted_content_103_20241120202737.txt

URL: <https://www.mybeckman.in/air-particle-counters>

Air Particle Counters for Cleanroom and Environmental Monitoring

MET ONE air particle counters lead the industry in providing solutions to monitor air cleanliness in compliance with ISO 14644, FDA CGMP and EU GMP Annex 1. Portable, remote and handheld air particle counters are designed to easily integrate into your standard operating procedure (SOP) for cleanliness monitoring for aseptic fill, routine environmental monitoring, cleanroom and flow bench validation, and air filtration troubleshooting. Offering ISO 21501-4 compliance, MET ONE air particle counters are reliable, durable and easy to integrate into your 21 CFR Part 11 compliant workflow.

File: extracted_content_104_20241120202743.txt

URL: <https://www.mybeckman.in/consent/california-consumer-rights-notice>

Beckman Coulter Life Sciences California Consumer Rights Notice

Effective Date: August 18, 2022

Last Updated: January 18, 2023

ABOUT THIS POLICY

This California Consumer Rights Notice ("Notice") supplements our Privacy Policy ("Policy") by providing additional information about how Beckman Coulter Life Sciences and its affiliates and subsidiaries, a full list of which can be located here (collectively, "Company", "we", "our", and "us") process Personal Data relating to California residents that is subject to the California Consumer Privacy Act, as amended from time to time ("CCPA"). We strongly encourage you to read in full our Policy in addition to this Notice. In the event of a conflict between the Policy and this Notice, the Notice shall control with respect to our processing of Personal Data relating to California residents that is subject to the CCPA, otherwise the Policy shall control.

PERSONAL DATA DEFINED BY CALIFORNIA CONSUMER PRIVACY ACT

Under the CCPA and for the purpose of this Notice "Personal Data" is any information that identifies, relates to, describes, is reasonably capable of being associated with, or could reasonably be linked, directly or indirectly, with a particular consumer or household, as defined in the. Personal Data includes, but is not limited to, the following if it identifies, relates to, describes, is reasonably capable of being associated with, or could be reasonably linked, directly or indirectly, with a particular consumer or household (California Consumer Privacy Act Section 1798.140):

Personal Data does not include information that is deidentified or aggregate information. Nor does it include Publicly Available information. Publicly Available information is information lawfully made available from federal, state, or local government records, or information that a business has a reasonable basis to believe is lawfully made available to the public by the consumer or from widely distributed media; or information made available by a person to whom the consumer has disclosed the information if the consumer has not restricted the information to a specific audience. Publicly available does not mean biometric information collected by a business about a consumer without the consumer's knowledge.

PERSONAL DATA COLLECTION

See the section of the Privacy Policy entitled "General Categories of Personal Data We Collect" for more information about the types of Personal Data we collect and about the sources from which we obtain Personal Data. This includes types of Personal Data that may be considered "sensitive" under the CCPA.

See the section of the Privacy Policy entitled "General Categories of Personal Data We Collect" for more information about the business and commercial purposes for which we collect, use, and disclose Personal Data, including Personal Data that may be considered "sensitive" under the CCPA. See the section of the Policy entitled "Data Retention" for more information about retention practices.

See the section of the Privacy Policy entitled "General Categories of Personal Data We

Collect” for more information about the circumstances in which we disclose Personal Data and the parties to whom we disclose such Personal Data. As described in the Policy, we disclose Personal Data relating to California residents for various business purposes to Company entities and Third Party Service Providers that process such Personal Data on our behalf, including the following:

Categories of Personal Data that we Disclosed for Business Purpose |

Identity and Contact Information |

Demographic Information |

Commercial and Financial Information |

Health Information |

Professional and Education Information |

Technical Information |

Your Rights under the California Consumer Privacy Act

You may have the right under applicable law to:

- Request to know the categories of Personal Data we collect
- Request to know the categories of Service Providers and 3rd Parties we share your Personal Data with
- Request access to your Personal Data (a copy of the data will be provided to you in a reasonable format)
- Request we correct your Personal Data
- Request we transfer your Personal Data to another person or organization
- Request that we do not sell your data with third parties
- Request that we opt you out of sharing your Personal Data for cross-context behavioral advertising or automated decision making
- Request that we limit use or disclosure of Sensitive Personal Data

Before we can begin to process your request, we must first verify your identity. We will use the following points of information for our verification process.

- Email Address
- Phone Number
- Mailing Address
- Employer, Service Provider, 3rd Party Vendor or Organization's Name you are associated with
- A unique ID assigned to you by Company (if applicable)

Requests made for categories of information about you requires that we verify your identity using at least two points of information listed above.

Requests made for specific information requires that we use at least three points of information listed above. Additionally, you will be required to provide a document signed under penalty of perjury affirming that you are the consumer who you are making the information request about.

For requests made for the deletion of information we will require two or three of the points of information above, depending on the sensitivity of the information requested to be deleted.

How To Make A Request

To exercise your rights under the CCPA, you can contact us by:

- Calling our toll-free number 1-888-914-9661 PIN: 046783 (when prompted to do so, please leave your name, email address, and the fact that your request relates to Beckman Coulter Life Sciences) or
- Submitting a request through this webform.

We will not unlawfully deny you goods or services or discriminate against you for exercising your privacy rights.

Requests made by a California resident's proxy will follow the same Verification Process as above. If you are submitting a request through a proxy, the proxy must provide documentation proving they have your permission.

Sales and Sharing of Information of California Residents

We do not sell or share your Personal Data, including Personal Data of minors under the age of 16, with third parties for any purpose other than to provision services to you, and which are in line with our Privacy Policy. To exercise your right to opt-out click [here](#).

PERSONAL DATA EXEMPT FROM CALIFORNIA CONSUMER PRIVACY ACT

Certain types of Personal Data are exempt from the CCPA. If you submit a request regarding your Personal Data, and in our sole opinion we believe that your Personal Data is either in part or in whole exempt from the CCPA we will inform you as such. Examples include Personal Data that is processed under the following laws or obligations:

- Our compliance with federal, state, or local laws, compliance with a court order or subpoena to provide information, or cooperating with law enforcement and regulatory agencies in conducting investigations
- Health Insurance Portability and Accountability Act (HIPAA)
- Confidentiality of Medical Information Act
- Gramm-Leach-Bliley Act
- California Financial Information Privacy Act

For a full list of the exemptions please visit California Consumer Privacy Act Section 1798.145.

For more information about your privacy rights, or if you are not able to resolve a problem directly with us and wish to make a complaint, you can contact the California Attorney General.

CONTACT US

If you have any questions about this Notice or our data practices, you can write to us at: Beckman Coulter Life Sciences Attn: Legal & Compliance (Privacy)

Alternatively, you can email us directly at dataprivacy@beckman.com.

WE MAY UPDATE THIS NOTICE

From time to time we may change this Notice. The most updated copy will be found on our website. Please check our site periodically for updates.

We do not monetize your information. We use it to help us deliver the best, most relevant experiences we can – like special promotions and customized content.

If you'd like us to not share your personal data according to CCPA, please provide the following information so that we can verify your request. We will use the information you provide to process your request and to maintain a record of your request and our response.

We will aim to complete your request as soon as reasonably practicable and consistent with any applicable laws.

File: [extracted_content_105_20241120202748.txt](#)

URL: <https://www.mybeckman.in/liquid-handlers/genomic-automated-workstations>

Biomek Genomic Workstations

Reduce your sample prep burden and achieve repeatable, reliable results using Biomek Genomic Workstations, when compared to manual processing. From the Human Genome Project to today's quest for precision medicine, Beckman Coulter Life Sciences is committed to providing automated liquid handling solutions that improve your productivity. We've listened to your challenges, needs and desires, and taken action to support your evolving workflow priorities.

Partnering with customers and leading technology vendors, we are continuously developing and delivering the best solutions for your lab. In addition to customized solutions, we deliver demonstrated methods enabling faster implementation of your genomic workflows.

- Demonstrated methods are developed for a sample preparation kit following a vendor's published manual protocol.
- These methods are tested with scientifically relevant samples and yield results that meet the kit vendor's specifications either in a customer or vendor lab (customer/vendor demonstrated) or in a Beckman Coulter Life Sciences Lab (Beckman demonstrated).
- Demonstrated methods also include a growing number Illumina®-qualified NGS methods. Illumina-qualified methods indicates that Illumina's analysis of libraries prepared with the Biomek-automated method has shown the libraries to perform comparably to those prepared manually.

File: [extracted_content_106_20241120202753.txt](#)

URL: <https://www.mybeckman.in/about-us/suppliers>

Suppliers—We Work Together to Make a Difference

Continuous Improvement on a Global Scale

Beckman Coulter, a Danaher Company, approaches procurement as an integrated operating company, applying the principles of the Danaher Business System to rapidly leverage best practices across the organization and increase purchasing power through size and scale.

Partnering with Beckman Coulter and Danaher is an opportunity to compete in a dynamic global environment. We award our business to the suppliers who deliver the best quality, value and service, at the most competitive cost. Our best suppliers are as innovative, customer-focused and committed to continuous improvement throughout their operations as we are. In partnership with our suppliers, we drive value throughout our supply chain by reducing costs, eliminating waste and improving efficiency.

Visit Danaher's supplier portal to register your business and share company information.

When you register, your business will become part of our supplier registry used by Danaher

Commodity Managers, who are continuously researching new supply-chain prospects.
Already Registered? Login and access the supplier portal.
Conflict Minerals Policy Statement
Trading Policy
Political Expenditures Policy
California Transparency in Supply Chains Act of 2010

File: extracted_content_107_20241120202807.txt

URL: <https://www.mybeckman.in/toc-analyzers>

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Products

Products

Air Particle Counters for Cleanroom and Environmental Monitoring

Air Particle Counters for Cleanroom and Environmental Monitoring

Air Particle Counters for Cleanroom and Environmental Monitoring

MET ONE 3400+ Air Particle Counter

MET ONE R4800 and R4900

Facility Monitoring System (FMS)

Automated Cell Culture and Clone Ranking Systems

Automated Cell Culture and Clone Ranking Systems

Automated Cell Culture and Clone Ranking Systems

Cell Counters, Sizers and Media Analyzers

Cell Counters, Sizers and Media Analyzers

Cell Counters, Sizers and Media Analyzers

Cell Viability Analyzers

Vi-CELL BLU Cell Counter & Analyzer

Vi-CELL MetaFLEX Bioanalyte Analyzer

Coulter Counters

Centrifuges & Rotors

Centrifuges & Rotors

Centrifuges & Rotors

High-Speed Centrifuges

Rotors

Fixed Angle Centrifuge Rotors

Near-Vertical Rotors

Swinging-Bucket Rotors

Centrifuge Tubes and Bottles

Supplies, Parts & Accessories

Flow Cytometry

Flow Cytometry

Flow Cytometry

Research Flow Cytometry Analyzer

CytoFLEX S Flow Cytometer

CytoFLEX LX Flow Cytometer

Clinical Flow Cytometry Analyzer

AQUIOS CL

DxFLEX Flow Cytometer

CytoFLEX SRT Benchtop Cell Sorter

Cell Preparation Systems

TQ-Prep Workstation

Software

Kaluza C Analysis Software

Flow Cytometry Software

Automated Liquid Handling Solutions

Automated Liquid Handling Solutions

Automated Liquid Handling Solutions

Tip-Based Liquid Handling

Biomek i-Series Automated Workstations

Biomek Genomic Workstations

Echo Acoustic Liquid Handlers

Fully Integrated Systems

Integrated Solutions

Access Dual Robot System

Access Laboratory Workstation

Laboratory

HIAC 9703+ Pharmaceutical Particle Counter

BioLector XT Microbioreactor & Biomek i5 Liquid Handler Integration

Particle Size Analyzers

Particle Size Analyzers

Particle Size Analyzers

Total Organic Carbon (TOC) Analyzers

Total Organic Carbon (TOC) Analyzers

Total Organic Carbon (TOC) Analyzers

QbD1200+ Laboratory TOC Analyzer

Genomic Solutions

Genomic Solutions

Genomic Solutions

Biomek Genomic Workstations

Products

Automated Cell Culture and Clone Ranking Systems

Automated Cell Culture and Clone Ranking Systems

Automated Cell Culture and Clone Ranking Systems

Cydem VT System Reagents & Consumables

Centrifugation Reagents
Centrifugation Reagents
Centrifugation Reagents
Flow Cytometry Reagents
Flow Cytometry Reagents
Flow Cytometry Reagents
Antibody Search
Single Color Reagents
Clinical Systems and Kits
LUCID Custom Design Services
RESOURCE Contract Manufacturing Services
Cell Health and Research Assays
Lysing, Fixative, and Permeabilizing Reagents
Fluorospheres & Quality Control
Genomic Solutions
Genomic Solutions
Genomic Solutions
Cleanup and Size Selection
Total Nucleic Acid Isolation
DNA Extraction
RNA Extraction
Collaboration and Grant Program
Biomek Genomic Workstations
Cell Counter & Analyzer Reagents
Cell Counter & Analyzer Reagents
Cell Counter & Analyzer Reagents
Vi-CELL BLU Quality Controls
Vi-CELL MetaFLEX Solution Pack
Supplies, Parts & Accessories
Products
Supplies, Parts & Accessories
Supplies, Parts & Accessories
Centrifuge Buckets and Adapters
Automated Labware Positioners
Cassettes for Flow Cytometry
Labware for Liquid Handling Instruments
Supplies, Parts & Accessories
CytoFLEX Platform Upgrades
CytoFLEX Platform Upgrades
CytoFLEX Violet-Blue-Red Series Upgrades
Microbioreactor Supplies & Accessories
Supplies, Parts & Accessories
Microbioreactor Supplies & Accessories

Microbioreactor Supplies & Accessories
LED Filter Modules for BioLector XT
O2 Down Regulation
Sealing Foil for Automation
Sealing Foil Basic
Sealing Foil Microfluidic MTP
Sealing Foil Reduced Evaporation
Plates
FlowerPlates
Round Well Plates
Microfluidic FlowerPlate
Microfluid Round Well Plate
Plate Loader Options for the CytoFLEX Platform
Biomek Micro- and Deep-Well Plates
Tube and Bottle Racks
Centrifuge Rotors
Centrifuge Tubes and Bottles
Software
Products
Software
Software
Flow Cytometry Software
Software
Flow Cytometry Software
Flow Cytometry Software
CytExpert Software for the CytoFLEX Platform
Kaluza Analysis Software
BioLection Software
Liquid Handling and Scheduling Software
Software
Liquid Handling and Scheduling Software
Liquid Handling and Scheduling Software
Biomek Software
Biomek Software
SAMI Process Management
DART Software
Echo Software
Echo Array Maker
Echo 21CFR11 Compliance Manager
Echo Cherry Pick Software
Echo Combination Screen Software
Echo Dose-Response Software
Echo Plate Audit Software

Echo Plate Reformat Software
TEMPO™ Automation Control Software
Beckman Coulter Diagnostics
Products
Beckman Coulter Diagnostics
Automation Systems
Chemistry
Clinical Information Management
Shop
Rotors
Tubes & Bottles
Parts & Accessories
Flow Cytometry
Flow Cytometry
Flow Cytometry
Software
Parts & Accessories
Labware & Accessories
Liquid Handling Automation
Liquid Handling Automation
Parts & Accessories
Counters & Analyzers
Counters & Analyzers
Counters & Analyzers
Particle Size Analyzers
Air Particle Counters
Reagents & Controls
Parts & Accessories
Plates & Covers
Product Applications
Cell Based Therapeutics
COVID-19 Research
Leukemia and Lymphoma
Quality Control for GMP Manufacturing
Future of Bioprocessing
Synthetic Biology
Other
Industry Standards
Research Areas
Service
Service Home
Service Plans
Flow Cytometry

Particle Analysis
Installation Services
Preventive Maintenance
BeckmanConnect Remote Support Tools
Tech Support and Repairs
Service Tech Support
Repairs
Compliance Services
Instrument Qualification and Calibration
Product Support
Training
Search
Repairs
Frequently Asked Questions
Technical Documents Support
Safety Data Sheets
Instructions for Use Manuals
Certificate of Analysis
Certificate of Compliance
Declaration of Conformity
Assay Sheets
Search All Technical Docs
Customer Relations for Beckman Coulter Life Sciences
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Our Company
About Beckman Coulter Life Sciences
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Chad
Chile
East Timor
Federated States of Micronesia
Greece
Iceland
Ireland
Marshall Islands
New Zealand
North Korea
North Macedonia
Norway
Papua New Guinea
Republic of the Congo
Saint Kitts and Nevis
Saint Vincent and the Grenadines
Solomon Islands
South Africa
South Korea
Thailand
The Bahamas
The Gambia
United Arab Emirates
United Kingdom
United States

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English

Total Organic Carbon (TOC) Analyzers

Explore our diverse portfolio of sensitive, easy-to-use TOC analyzers that can deliver accurate, reproducible results for your specific application(s).

Complies with all global pharmacopeias

UV Detect, excursion alarming & traceable calibration

Clean-in-Place analysis & immediate online TOC/conductivity results

36-bottle auto-sampler for maximum walkaway operation

QbD1200+ Laboratory TOC Analyzer

Sample-to-sample carryover virtually eliminated

Automated calibration in only 120 minutes

Complies with global pharmacopeia & 21 CFR part 11 lab requirements

File: extracted_content_108_20241120202814.txt

URL: <https://www.mybeckman.in/liquid-handlers/software/echo/cherry-pick>

Echo Cherry Pick Software

Consolidate Sample Hits Efficiently and Rapidly

Transfer from any well to any well using pick list files. Echo Cherry Pick software uses information in pick lists to automate transfers from any source well to any destination well. Easily pool samples from multiple plates into one plate. Rapid hit picking, sample pooling, and more:

- Automatic or explicit determination of destination plates and wells
- Customizable output files can be saved in XML, CSV, or TXT format
- Information is generated for LIMS trackin
- Software imports pick lists in your preferred format, so no need for reformatting your inputs
- Use a second pick list to transfer controls to all assay plates
- Visually preview each transfer
- Protocols are pick list independent - Use one protocol to process any number of pick lists

Hit Picking with Echo® Cherry Pick Software

Pooling with Echo® Cherry Pick Software

Echo Cherry Pick Specifications

Description | Specifications |

Microsoft® Windows 7 (32-bit or 64-bit), or Microsoft® Windows 10 64-bit (Windows 7 compatibility mode); Windows.Net Framework 4.62 or greater |

Memory | 4 GB or greater |

Network connection | 10/100/1000 BaseT (2 network connections are required) |

Network protocol | TCP/IP |

Hard drive | 4 GB Free Space Available |

Echo Client Software | 2.6 or later |

Echo.Net Framework | 1.7 or later |

File: extracted_content_109_20241120202819.txt

URL: <https://www.mybeckman.in/air-particle-counters/met-one-6000p>

MET ONE 6000P Remote Air Particle Counter

MET ONE 6000 air particle counters are a compact design with flexible sizing, flow rate and communication options that address the specific needs of cleanroom environments within the pharmaceutical, semiconductor, hard disk drive and flat panel display industries providing ISO 21501 accuracy for continuous particle monitoring. Reduce initial installation cost with MET ONE 6000P remote air particle counter's integrated multi-parameter measurements.

- Industry leading particle counting on-line reliability
- Flexible for all your remote air particle counter applications
- Provides particle counts at 0.5µm and 1.0 cfm flow rate
- Long life laser diode for guaranteed continuous monitoring.

- Easy to integrate with any facility monitoring system
- Open architecture design to communicate seamlessly with your system
- Count alarm and alerts enable visual notification via built-in status lights.
- Optional relative humidity and temperature probe integrates RH/T data with particle count data in same data stream.
- In compliance with 21 CFR Part 11, FDA cGMP, and EU GMP Annex 1
- Built-in flow sensor to assure proper air flow for sampling
- 0.5 µm sensitivity for pharmaceutical and ISO Class 5 clean room monitoring
- Enables compliance with 21 CFR Part 11, FDA cGMP, and EU GMP Annex 1
- Integrated or external status LED for fast troubleshooting and reduced downtime
- Flow sensor improves operational reliability during continuous monitoring
- Reduced downtime for instrument removal and re-installation for routine calibration/preventative maintenance
- Multiple communication options for easy FMS integration
- Built-in flow rate sensor controlled vacuum pump for lower installation cost and system complexity
- Integrated pump improves reliability across the system – no single point of failure
- Long life laser diode for guaranteed continuous monitoring

Product Specifications

Performance | ISO 21501-4 unit-to-unit accuracy & reproducibility |

Industry Standards | ISO 21501-4 , ISO 14644-1:2015, FCC, CE |

Light Source | Long Life Laser™ Diode |

Throughput | 28.32 L per minute |

Zero Count | ISO 21501-4 & JIS B 9921 (1 count or less in 5 min; 95% UCL) |

Count Alarms Display and Cycles | User-defined alarm counts displayed via LED on box or remote LED |

Item Specifications Referenced | 2088615-PF-EA |

[File: extracted_content_10_20241120201740.txt](#)

URL: <https://www.mybeckman.in/microbioreactor/biolector-xt-biomek-i5-liquid-handler-integration>

BioLector XT Microbioreactor & Biomek i5 Liquid Handler Integration

Perform online cultivation experiments and prepare media compositions with the BioLector XT microbioreactor & Biomek i5 liquid handler integration. Our unique automated screening platform for microbial cultures allows you to design and execute highly elaborate experiments that are on track with biological signals increasing the experiment reproducibility. Cultivation well-individually triggered sampling, dosing actions (e.g., adding inducer or feed solutions), or inoculation of culture wells in the BioLector XT microplate are executed on the basis of the online, real-time signals from the BioLector XT microbioreactor (biomass, pH value, dissolved oxygen concentration, experiment time, etc.) without the need to stop the shaking of the microplate inside the BioLector XT instrument.

- Measure biomass, pH value, dissolved oxygen and fluorescence online

- Increased walk-away time
- Reduce potential contamination with automation
- Reproducibility and scalability of results

BioLector XT Microbioreactor & Biomek i5 Liquid Handler Integration

The system automatically draws samples, adds media and inducer solutions or inoculates the culture wells triggered by experiment time or BioLector XT microbioreactor online signals. This allows for an increased walk-away time while keeping the same level of quality output.

Reproducibility and Scalability

Take advantage of the integrated system to transform your workflow and get reproducible experiment data. The scalable results make it fast and easy to bring more products to market.

Software

Incorporating cultivation modes with online triggers (real-time signals from the BioLector XT microbioreactor), you get the benefits of continuous operation 24/7.

Reduce Contamination Risk

Fixed Biomek tips are cleaned and decontaminated between actions reducing the potential for cross-contamination.

[File: extracted_content_110_20241120202826.txt](#)

URL: <https://www.mybeckman.in/flow-cytometry/software/kaluza>

Kaluza Analysis Software is designed to simply, efficiently, and quickly analyze multi-color data. Four simple control panels provide access to every aspect of your data.

Install the software on as many computers as needed and control access with the license option that fits your needs. A variety of single user and multi-user licenses are available.

Learn more about the philosophy behind the Kaluza Analysis Software.

- Loads any FCS compliant file through standard 3.1
- Real time processing of multi-color files of up to 20 million events
- Move compensated, transformed, and anonymized data sets to the Cytobank cloud platform with the Kaluza Cytobank Plugin
- Innovative interface with workflow and ease of use as top priorities

Download our 30 day free trial

The Kaluza Philosophy

- Context specific radial menus put functions at your fingertips
- Added 19 new features and 14 improvements, see Release Notes for complete list.
- Analyze Any Flow Cytometry Standard (FCS) Compliant File
- Added Auto-gating function, Rare Event and Cell Cycle analysis

The Kaluza Difference

- Enhanced color compensation algorithms
- Processing capabilities for multidimensional analysis
- Built in batch processing for high throughput labs
- Full featured suite of analysis tools

Administrator Tools

- Install the Network License Control Center on a shared server to manage 10 to over 1000 users

- Create detailed usage reports and query logs for specific users

- View current license keys and use to activate new keys

Kaluza Analysis Software Educational 1 Year, 1-User (Single)

Product No: B16407

Kaluza Analysis Software Educational, 1-User, Single

Product No: B16406

Kaluza Analysis Software, 5-User, Network

Product No: A84175

Kaluza Analysis Software 1 Year, 1-User (Single)

Product No: A84174

Kaluza Analysis Software Perpetual, 1-User (Single)

Product No: A82959

Kaluza Analysis Software, 10-User, Network

Product No: A82961

Kaluza Analysis Software Educational, 10-User (Network)

Product No: B16409

Kaluza Analysis Software Educational, 5-User (Network)

Product No: B16408

[File: extracted_content_11_20241120201744.txt](#)

URL: <https://www.mybeckman.in/centrifuges/rotors/vertical-angle>

Vertical angle rotors feature the shortest pathlength of any rotor type, the fastest run time, and the highest resolution.

In a vertical rotor, tubes are vertical during the run. The short pathlength and low k factors of these rotors mean that the particle has only a short distance to travel to pellet, reducing the run time for the application.

It's not the best rotor to use for pelleting, because the centripetal force in a perfectly vertical tube spreads the pellet out along the entire outer wall of the tube.

A vertical rotor is used for

- Isopycnic separations – specifically for the banding of DNA in cesium chloride
- Gradient and density cushion separations, such as for viral particles

A gradient density cushion separation:

- Increasing density layers ending with a higher density cushion at the tube bottom
- Ideal for isolating fragile, pelleted samples at the “softer” cushion interface

[Click here to see the New Intellifuge Calculator in action.](#)

File: extracted_content_12_20241120201750.txt

URL: <https://www.mybeckman.in/#latest>

Accelerating answers

With a legacy dating back to 1935, we continue our ongoing mission to help a diverse variety of experts discover answers to some of life's most important questions. Wherever people need answers that matter, you can find reliable technologies from Beckman Coulter Life Sciences.

Fresh insights

Untangle the complexities of proteomics with lab automation.

Clinical Flow Cytometry

DxFLEX Flow Cytometer

Without adding more concerns

Manufacturing Quality Control

Synthetic Biology

Build a better tomorrow with our workflow solutions.

Streamline Clinical Trials with Flow Cytometry

Unraveling the Mystery of LNP Loading

Biomanufacturing Workflow

Our tools and technologies bring innovation, efficiencies and reproducibility into the workflow.

Popular topics

Upcoming events

LINKS 2024 Automation & Genomics Networking Series

ISEVxTech - EV Technology and Methods Summit 2024

TWB & Beckman University: Innovation and Biomanufacturing

Expect outstanding service

Service & technical support

Our comprehensive services and highly trained experts can help you keep your equipment and lab running at peak performance. From flexible service plans to remote solutions and more, you can count on Beckman Coulter Life Sciences to be there when you need us.

Service ->Service plans

Get the peace of mind you deserve. Our comprehensive service plans help minimize downtime and keep your instrument performing at peak efficiency.

With most modern technologies, the likelihood of experiencing problems—even product failure—increases with long-term use. Your laboratory instruments are no exception.

Combine expert installation and equipment qualification services to ensure the highest operational performance for your compliance needs.

Certified support specialists are expertly trained to identify, isolate, and resolve even the most technically complex issues over the phone.

A Leader in Life (and Science)

Learn more about career opportunities, corporate responsibility, and our commitment to diversity, equity, and inclusion.

About Beckman Coulter Life Sciences ->

File: extracted_content_13_20241120201754.txt

URL: <https://www.mybeckman.in/#topics>

Accelerating answers

With a legacy dating back to 1935, we continue our ongoing mission to help a diverse variety of experts discover answers to some of life's most important questions. Wherever people need answers that matter, you can find reliable technologies from Beckman Coulter Life Sciences.

Fresh insights

Untangle the complexities of proteomics with lab automation.

Clinical Flow Cytometry

DxFLEX Flow Cytometer

Without adding more concerns

Manufacturing Quality Control

Synthetic Biology

Build a better tomorrow with our workflow solutions.

Streamline Clinical Trials with Flow Cytometry

Unraveling the Mystery of LNP Loading

Biomanufacturing Workflow

Our tools and technologies bring innovation, efficiencies and reproducibility into the workflow.

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File: extracted_content_14_20241120201800.txt

URL: <https://www.mybeckman.in/about-us/diversity-and-inclusion>

Diversity, Equity & Inclusion: It's Who We Are

As a Danaher operating company, one of our most important goals is to continuously improve and sustain a welcoming, inclusive culture. We know that by attracting, developing and retaining the best team of diverse, engaged and empowered associates, we help realize life's potential for our customers, our shareholders and ourselves.

But our commitment to diversity, equity and inclusion (DE+I) is not just one of many "programs" or a short-term "initiative" at our company.

It's not just a catchphrase on posters or email signatures. It's much more than words.

It's who we are.

Meet Heather Bonds (she/her)

Heather is our Director of Diversity, Equity & Inclusion. She's responsible for defining our vision and strategy for maintaining and advancing a diverse, equitable and inclusive organization.

The first major milestone in our DE+I journey will be 2025, the year for which we set our initial goals in 2020. By 2025, we hope to have a workforce that includes:

What does DE+I mean at our company?

It means you're encouraged to be your authentic self 24 hours a day - not just before and after work.

It means you can consider participating in a local D+I Council, our global Diversity Champion Network, or Danaher Associate Resource Groups (ARGs) created to help nurture a culture of belonging. And on a regular basis, associates are encouraged to share their perspectives with colleagues via a forum we call BEC LS Voices.

Finally, it means you'll join more than 3,400 associates across the globe who bring their unique skills, backgrounds and perspectives to work with them each day.

File: extracted_content_15_20241120201806.txt

URL: <https://www.mybeckman.in/centrifuges/rotors/calculator>

If you have an idea to help us improve Intellifuge, or spot a bug, please tell us about it!

The information presented by the Intellifuge calculator should be used for estimation purposes and should be used as a reference only. For exact information, refer to the specific rotor instruction for use (IFU). Additionally, k-factor is calculated and therefore values might differ slightly from rotor IFU. Also refer to rotor IFUs for proper tube fill volumes and for specific information and use for tubes requiring caps and spacers.

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URL: <https://www.mybeckman.in/#events>

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File: extracted_content_17_20241120201819.txt

URL: <https://www.mybeckman.in/legal>

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File: extracted_content_18_20241120201825.txt

URL: <https://www.mybeckman.in/liquid-handlers/software/echo/tempo>

TEMPO™ Automation Control Software

Dynamic Scheduling for Automation Systems

TEMPO™ Automation Control Software is a research-friendly interface for scheduling

Access System protocols. It manages all tasks — including sample management, plate handling, liquid handling, detection, and LIMS updates. TEMPO™ is included with all Access Systems and interfaces directly with all compatible versions of Echo® Software

Applications.

- Set up email alerts and notifications
- Monitor device use and maintenance
- Track incubation variances
- Stagger the tasks in a process
- Compare runs with Gantt charts
- Manage plates and data in real time
- Activate structured error recovery

Simplify Prioritization and Tracking

Automatically prioritize and track a protocol from storage to detection. Integrated Echo Liquid Handlers are assigned the highest priority, followed by user-defined priorities. This approach simplifies scheduling without compromising flexibility. In the event of an error, the software provides real-time plate and device information, greatly accelerating recovery.

It accommodates a variety of input and output file formats. Device Driver Options

Microplate Handling

750mm or 1160mm Precise Flex Robot

Thermo Scientific Multidrop Combi nL

Thermo Scientific Multidrop Combi

BioTek MultiFlo FX

Plate Washing

BioTek EL406™ washer

Roche LightCycler® 1536, 480

BMG PHERAstar, ClarioStar, and Omega Series

Plate Sealing

KBiosystems KAPS-500 Adhesive Sealer

Agilent PlateLoc Heat Sealer

Seal Remover

Brooks Life Sciences IntelliXCap

Brooks Life Sciences IntelliXCheck

BioNex HiG3 Centrifuge

Thermo Scientific Cytomat® Incubators

HighRes Biosolutions AmbiStore D & M

HighRes Biosolutions MicroServe Stacker

HighRes Biosolutions NanoServe Stacker

Mecour Thermal Tower

Thermal Cyclers

Plate Shaker

Inheco Teleshake 1536

Q-Instruments Bioshake

*Beckman routinely adds industry leading devices and can develop drivers on request

File: extracted_content_19_20241120201831.txt

URL: <https://www.mybeckman.in/liquid-handlers/software/biomek>

Biomek Software

- Intuitive, icon-based user interface makes method setup & workflow maintenance easy
- Provides full control over complex tip movements
- Can be integrated with third party devices
- Supports 21 CFR Part 11 compliance in regulated environments

Ease of Operation

- Simple point-and-click interface
- Step-by-step guidance for labware placement
- Easily toggle between current running applications
- Vary runs without programming
- "Lock down" status for protection of validated methods
- Integrates with LIMS systems to import work orders & export data
- Transfers data between methods for generated runs, labware & sample reports
- Selectable actions during execution based on real-time sample data

Method Authoring

- Scan plates & import sample IDs based on plate barcodes
- Track sample IDs throughout the run for maximum accuracy
- Validate methods in real-time with a simple to use visual editor

Software Solution Add-ons

- Method Launcher provides the ability to select, set up, run and track methods in real-time
- SAMI EX creates planned schedules with the benefits of an optimized, predictable static schedule
- SAMI Process Management organizes SAMI EX methods in an easy-to-use calendar tool
- DART 2.0 (Data Acquisition and Reporting Tool) gathers data and synthesizes runtime information to capture each manipulation of a sample
- PowerPack uses advanced tools to make programming data-intensive methods easy

File: extracted_content_1_20241120201642.txt

URL: <https://www.mybeckman.in/liquid-handlers/access-laboratory-workstation>

Access Laboratory Workstation

Combine the revolutionary performance of the Echo Liquid Handler with automated plate handling and integrated devices into a walk-away system tailored for a wide range of applications. Access Laboratory Workstations are modular, flexible solutions that easily scale when needed.

Resources + Tools

Access Laboratory Workstation Features

Automated Genomics Platform

Combine the revolutionary performance of the Echo Liquid Handler with automated plate

handling and integrated devices to create a walk-away system tailored for a broad range of genomic applications. With use of the Access Workstation, Echo Liquid Handlers can be easily incorporated into an integrated system to automate genomic workflows including, qPCR, PCR, enzyme reactions, DNA/RNA quantification, sample pooling, and normalization.

Assay-Ready Plate Preparation
The Access Laboratory Workstation for Assay-ready Plates incorporates a sealer, peeler, bulk-dispenser, and centrifuge to support walk-away library reformatting, replication, cherry-picking and dose-response. This workstation accommodates all Echo Qualified Plates and most ANSI-compliant/SBS-standard microplates. With random access microplate storage and options for barcode reading, shaking and de-lidding, the Access Laboratory Workstation offers the productivity of a large-scale system in a compact workspace.

Lead-Optimization and Secondary-screening Assays
Option to integrate multi-mode microplate readers and controlled storage systems that address a wide range of biochemical and cell-based assays into a standard Access Laboratory Workstation configuration. This flexibility enables walk-away automation for Cytochrome P450 screening, cell signaling, cell viability, and other types of assays. Storage systems can be configured for cold-dry compound storage, warm humid cell storage, or ambient storage.

High-Throughput Gene Expression Assays
The Access Laboratory Workstation, combined with a one-step qPCR preparation workflow for RT-qPCR can be adapted for high-throughput gene expression screening. With its ability to transfer nanoliter (nL) volumes of samples and reagents accurately and precisely, the Echo Liquid Handler dramatically reduces screening costs — making one-step RT-qPCR viable as a high-throughput screening method. To maximize efficiency, the Access Laboratory Workstation incorporates two Roche LightCycler systems with the Echo Liquid Handler and other devices for cell-dispensing, washing, centrifugation, and sealing.

Automated Protein Crystallography Setup
The Access laboratory workstation for protein crystallography applications incorporates an adhesive sealer to prevent evaporation and eliminate the risk of heat exposure, which can occur with thermal sealing. Random access to reagent plates enables on-the-fly creation of grid screens from high-concentration stocks.

Analysis Only
A single Access Laboratory Workstation is capable of integrating several detection devices and pooling them to create an automated analysis system that can handle racks of assay plates. Additional accessories, including waste chutes, barcode readers, and lid removal stations can also be integrated into the workstation.

Video: Access Laboratory Workstation Introduction
Access Laboratory Workstation Specifications
Description | Specifications |
1651mm width x 914 mm depth x 1157 mm height (65 x 36 x 45.5 inches) |
Extended dimensions | Approximately 2360 mm width x 914 mm depth x 1157 mm height (84.25 x 36 x 45.5 inches) depending on configuration |
Weight | Approximately 68 kg to 102 kg (150 to 225 lbs.) depending upon components |
Air | Filtered, oil-free, dry air: 552 kPa (80 PSI) minimum, 1034 kPa (150 PSI) maximum. 70 Lpm at 621 kPa (2.5 cfm at 90 psi) |

All Echo Qualified Microplates and most ANSI-compliant/SBS-standard microplates (96, 384, 1536) |
Operating environment | 21°C ± 5°C (70°F ± 9°F), 10–80% relative humidity, non-condensing |
Application software | TEMPO Automation Control Software and compatible Echo software applications |
Operating software
Microsoft Windows 7 Professional |

File: extracted_content_20_20241120201838.txt

URL: <https://www.mybeckman.in/flow-cytometry/sample-preparation-stations/cellmek-sps>

Sample Preparation System

Since 1986 we have automated and innovated tools to empower process optimization in laboratories across the globe. Now we enter the next level of lean processing by introducing the CellMek SPS system, designed to automate an end-to-end flow cytometry sample preparation workflow without user intervention. Cut stress. Boost flexibility.

The CellMek SPS system helps you unlock the power of lean by addressing major process wastes related to sample preparation in your clinical flow cytometry laboratory.

- Drives Efficiency via Automation.
- Standardizes Processes & Reduces Potential for Error.
- Ensures Flexibility Via User-Defined Protocols.
- Provides Confidence in Results facilitated by a full audit trail.
- Frees up lab staff to deal with more value-added tasks.

CellMek SPS Features

The CellMek SPS system helps your lab reach the next level of process optimization. It is designed to simultaneously manage various preparation methods in random access while providing continuous loading, optimizing efficiency and traceability.

Customized Flexibility

- Panel Designer Software lets you easily design your own protocols
- CellMek SPS takes care of scheduling - no need to batch by application
- Many options such as lysis, washing steps and volumes to pipet

Uninterrupted Workflow

- Onboard washing capability with customizable washing steps
- Both pre- and post-washes are optional steps of the sample prep workflow
- Automated rocking and cap piercing - no need to manually unscrew specimen tube caps

Optimized Time to Result

- Continuous loading & unloading of samples through tube-specific cassettes
- Parallel Processing to help optimize scheduling and sample throughput
- Output carousel can be retrieved to start sample analysis while system prepares more samples

Traceable Inventory

- A refrigerated 53-position liquid antibody carousel means reagents can remain onboard
- Capacity for up to 12 DURACartridges - our innovative new format for dry reagents
- All reagents and consumables are barcoded to provide automated tracking for a full audit trail

Unlock the Power of Lean

The CellMek SPS System is designed to enable lean processing. The LEAN concept provides a systematic approach to look at workflows to take out all non-value adding process steps, the so-called process wastes, in order to increase efficiency. The CellMek SPS System addresses the challenges associated with complex sample preparation in flow cytometry to increase lab efficiency and helps you to cope with increasing workloads. Are you ready to

Unlock the Power of Lean?

Increase Your Lab Efficiency

Watch the Launch Video

Reduce Process Wastes

Optimize Your Workflows

I want to hear about labor savings

Full Traceability and Compliance

Yes! Show me the audit trail

Show me the automated process now!

Learn more about CellMek SPS

CellMek SPS with UPS (100-120V)

Product No: C81704

- Product Name CellMek SPS x/UPS (100-120V)

- Regulatory Status IVD,CE-IVD

CellMek SPS with UPS (220-240V)

Product No: C83751

- Product Name CellMek SPS w/UPS (220-240V)

- Regulatory Status IVD,CE-IVD

CellMek SPS Specifications

Software | Panel Designer Software |

Regulatory Status | IVD, CE-IVD |

Power Requirements | 220 - 240 V, 50 Hz, 10 A |

Width | 112 cm(44.1 in) |

Depth | 81 cm(31.9 in) |

Height | 111.8 cm(44 in) |

File: [extracted_content_21_20241120201844.txt](#)

URL: <https://www.mybeckman.in/microbioreactor/biolector-xt/software>

BioLection Software

SOFTWARE TO HELP YOU GET MO2RE DATA FAST

The latest version of BioLection software features a more intuitive user interface to help make it even easier to use—which is important for multi-user environments. Created for

the new BioLector XT microbioreactor, this enhanced software also includes these key features:

- Free programming of all control parameters
- Intuitive protocol manager simplifies up/download of protocol files and results
- Eliminates confusion on protocol locations (on device or in software)
- Streamlines use by multiple lab associates
- Fast processor ensures rapid download of experiment data
- Enables set up of highly complex profiles in script format
- Integrated Lua scripting (optional) complements UI-supported protocol creation functionality, and provides deeper access to cultivation protocol programming

Additional BioLector XT Content

File: extracted_content_22_20241120201852.txt

URL: <https://www.mybeckman.in/air-particle-counters/met-one-3400-plus>

MET ONE 3400+ Series GMP Cleanroom Routine Environmental Air Particle Counter

Our new MET ONE 3400+ Series Portable Airborne Particle Counter allows users to load their routine environmental monitoring SOP sampling map and sampling configuration for each location directly into the counter, so that the SOP becomes an interactive sampling map directly on the counter screen to guide users doing daily sampling. This helps reduce training requirements and sampling data errors/omissions.

Accessed remotely via a web browser, features such as review/approve workflow, SOP version control and electronic record export are all in the counter – there's no external software needed. Secure on-board searchable/filterable Audit Trail provides fast reporting during audits combined with Microsoft Active Directory for User Name and Password control for log-on and electronic signatures to support 21 CFR Part 11 compliance.

Learn more about the MET ONE 3400+:

MET ONE 3400+ Features

Customized Interactive Electronic SOP Maps

Using a web-browser interface, load your SOP map into the counter, mark sample locations, and define SOP sampling requirements for each.

Interactive Tracking

Onscreen instructions help operators navigate your map and perform sampling according to the SOP. Location names turn green after sampling, making it easy to track progress at a glance.

Electronic Records Straight from the Counter

The MET ONE 3400+ can provide electronic records straight from the counter via USB, wired Ethernet or built-in WiFi.

MET ONE 3425+ GMP Cleanroom Routine Environmental Air Particle Counter

Product No: C38684

MET ONE 3445+ GMP Cleanroom Routine Environmental Air Particle Counter

Product No: C38687

MET ONE 3415+ GMP Cleanroom Routine Environmental Air Particle Counter

Product No: C38678

MET ONE 3423+ GMP Cleanroom Routine Environmental Air Particle Counter

Product No: C38681

MET ONE 3413+ GMP Cleanroom Routine Environmental Air Particle Counter

Product No: C38675

MET ONE 3400+ Specifications

Industry Standards | ISO 21501-4 , 21 CFR Part 11, ISO 14644-1, EU GMP (2015), CE, FCC, 802.11, 802.1x |

Light Source | Long Life laser diode with 10 year mean-time-to-failure |

Reporting | EU GMP Annex 1, CGMP, ISO 146441-1.2015 |

Zero Count | 1 count or less in 5 minutes, 95% confidence level |

Counting Efficiency | 50% \pm 20% for 0.3 μ m (100% \pm 10% for 0.45 μ m) |

Count Alarms Display and Cycles | Multiple user-defined alert and/or alarm levels for counts, concentration, or environmental sensors |

Item Specifications Referenced | C38675 |

File: extracted_content_23_20241120201856.txt

URL: <https://www.mybeckman.in/liquid-handlers/software/echo/plate-reformat>

Echo Plate Reformat Software

Quickly Assemble or Reformat Your Assays

Design, develop, and assemble assays with ease. Enable a broad range of plate transfer patterns from plate replication to library compression, reformatting, and custom mapping. A drag-and-drop interface, combined with color-coded plate previews, simplifies setting up even the most complex protocols. Easily setup designs for your assay plates:

- Define transfer regions to create custom layouts
- Offset transfers to any position in a well
- Insert delays between transfers for incubations, settling, etc.
- Use multiple wells as one grouped source for larger volume transfers
- Replicate or reformat sample libraries in 384- and 1536-well formats to 96-, 384-, and 1536-well assay plates
- Compress libraries into interleaved patterns or separate quadrants

Example of a Simplified PCR Workflow

Echo Plate Reformat Specifications

Description | Specifications |

Microsoft® Windows 7 (32-bit or 64-bit), or Microsoft® Windows 10 64-bit (Windows 7 compatibility mode); Windows.Net Framework 4.62 or greater |

CPU | Intel® Core™ i5 or later |

Memory | 4 GB or greater |

Network connection | 10/100/1000 BaseT (2 network connections are required) |

Network protocol | TCP/IP |

Hard drive | 4 GB free space required |

Echo Client Software | 2.6 or later |
Echo.Net Framework | 1.7 or later |

File: extracted_content_24_20241120201903.txt

URL: <https://www.mybeckman.in/integrated-solutions>

Integrated Solutions

Beckman Coulter Life Sciences can transform liquid handlers into workflow solutions from the integration of a single reader to a complete, multi-device robotic system. Our team of engineers and application specialists have extensive, multidisciplinary training and experience in mechanical, electrical and systems engineering, software development, and project management, as well as the scientific knowledge and background to understand your applications and deliver the right automated solution.

We understand that every lab is unique and that's why we do more than just install instrumentation in your lab. Our quality-controlled product development process for integrated liquid handlers involves an in-depth workflow analysis allowing our team to uncover opportunities to optimize your workflow and address your laboratory's needs, challenges and goals.

Integrated Device List

Beckman Coulter Life Sciences has successfully integrated more than 300 third-party devices from over 60 manufacturers in different laboratory settings. Benefits of Automation
Speed, accuracy, and scalability are only a few of the many benefits to workflow automation.

Explore how integrating automation into your laboratory can help. Getting Started

The ultimate goals for an integrated system for your lab are to increase throughput and help you achieve results quicker, with more accuracy. Our Integration Process

Our team of engineers and scientists will analyze your applications, sample and data workflows and laboratory configuration to help you determine the best automation solution for achieving your goals.

Solutions for each critical step of the process of developing a mammalian cell line for recombinant protein manufacturing using a methotrexate (MTX) amplification system, one of many integrated transfection methods offered.

Learn about solutions for automating the critical steps of hybridoma development that increase productivity and make it possible to produce specific monoclonal antibodies.

Learn about how Biomek ELISA workstations can increase the throughput and consistency of your ELISA methods.

File: extracted_content_25_20241120201909.txt

URL: <https://www.mybeckman.in/about-us/diversity-and-inclusion/community-involvement>

What does “community” mean to our company?

Community is defined as the relationships, bonds, identities and interests that join people

together or give them a shared purpose regarding a place, service, culture or activity. At our company, community means bringing together like-minded people who want to work together to help make life better.

As a Danaher operating company, our associates are the engine driving community impact around the world. Their diverse backgrounds and experiences offer limitless ideas for continuous improvement, and for determining how we focus our resources to build communities and people. For associates at Beckman Coulter Life Sciences, Danaher encourages and enables community involvement through several programs.

Ready in red—to help others get fed!

A group of 10 Indianapolis-based associates volunteered at the Gleaners Food Pantry in 2022.

Danaher supports community involvement for our company's associates

The Beckman Coulter Life Sciences Volunteer Time Off (VTO) program offers associates the opportunity to take paid time off to give back to their local community.

In addition to their standard paid time off (PTO), each associate receives 3 days/24 hours* of VTO each year to volunteer, during standard work hours, for any charity that falls into the categories of education, healthcare, science or science education, research or community improvement.

*Varies by country according to local policies.

Our associates can also translate volunteer hours into grants to eligible nonprofit organizations of their choice. For every 20 hours volunteered, during or outside standard work hours, associates can earn a US\$250 grant (or equivalent) to direct to an eligible organization, up to US\$500/year (or equivalent).

Danaher also matches donations from Beckman Coulter Life Sciences associates to eligible organizations, up to the equivalent of US\$500 /associate per calendar year.

The Beckman Coulter Life Sciences “community” spans the globe. And we applaud those passionate associates from our community who devote time year after year to making their local communities even better.

Miami-based associates (L-R) Sharon Graham, Estrella Hernandez and David Quintero, were among 20 volunteers who contributed time to their community in 2022. They were tasked with finding the best solution for transferring sand and clay that was used to enhance the sloth bear's environment—and quality of life—at Zoo Miami.

For more information, read Danaher's statement on community impact [here](#). To learn about all of Danaher's efforts related to sustainability, including diversity, equity and inclusion, community involvement and environmental protection, you can read the Danaher Sustainability report [here](#).

Learn more about sustainability at Beckman Coulter Life Sciences [here](#).

How some of our associates volunteer for their communities

Teesta Roy Chowdhury (Marseille, France):

"Tamahar Trust provides services to help enable children with brain damage, and their families, to live a happy, healthy and dignified life in an inclusive society. Supporting Tamahar Trust gives us immense pleasure and joy in serving the community we live in.

These children deserve all the love and happiness in the world. They are just like any of us –

unique and different in their own ways! Participating at the TCS World 10K Bengaluru to support Run the Miles to Bring a Smile was quite overwhelming for the entire team. Despite the rains in Bengaluru, it was highly motivating and encouraging to see the crowd at the event. This shows the love, care and support that we all feel towards our communities.”

Stephen Otts (Indianapolis, IN, USA):

“VTO allowed me the opportunity to attend Career Day at my kids’ elementary school to teach kids about engineering and what we do at Beckman Coulter Life Sciences. Teaching the younger generation about STEM type roles is a real passion of mine. The most rewarding part of the event was when a 3rd grader was called upon during Q&A and stated, ‘I want to be just like you when I grow up.’”

“Last year I spent my (VTO) days on a summer break program for our church. The ‘FerienKinderWoche’ is a one-week program for kids from the neighborhood and the church. I was responsible for the music and dancing station, where we had a great time learning songs and dance moves with small groups of kids. Seeing their joy and enthusiasm on the last day, when all 50 kids sang the “Thank You” song, was amazing—and left no doubt I’d be on the team next year. I think the children left that week encouraged that they are loved, and confident they won’t be alone in (facing) challenges in their lives.”

Santosh Vijay (Remote, California):

“During the pandemic, I looked for volunteer opportunities so I could use my VTO hours effectively. I happened to upon the Invention Convention, which needed virtual judges to review, grade and provide feedback on innovation projects submitted by K-12 students. I spent 4 hours going over 8 projects, and it was both interesting and fun. The tough part was writing feedback in such a way that it is encouraging to the kid. I encourage everyone, especially those who are remote, to use their VTO. Every year, I look forward to spending my time paying it forward to our younger generations.”

Emily Whitham (Indianapolis, IN, USA):

“I volunteered through the Society of Women Engineers at Pike High School. The goal was to share engineering activities with eighth-grade students to inspire them in STEM. I got to lead a mechanical engineering activity where students built their own ‘candy car.’ They then attached (an inflated) balloon ... and learned how potential energy turns into kinetic energy, propelling their ‘car’ forward. This was a great opportunity to give many students their first encounter with engineering. I was fortunate to have the time off to make an impact, alongside many women in STEM from other companies.”

“At Caritas (an international alliance of Catholic social service organizations) children with disabilities spend their free time with other children for a week as part of summer camps. I have participated for one week every year. Various excursions and activities are designed to open up new opportunities for the children in terms of education, sports and leisure. Care, nursing and educational activities are part of our tasks. It is a great opportunity to give back, and it is always nice to see how happy the children are—and how much gratitude the parents show towards us!”

John Snider (Indianapolis, IN, USA):

“I have been volunteering at Advance Food Distribution, a food pantry in Advance, Indiana, serving around 50 families each month. My work involves food collection, stocking, staging,

and distribution... so that people in need in this little town can get food without having to drive very far. Small communities frequently do not have the resources larger towns and cities have. This food pantry provides a bridge from resources in Indianapolis and Lafayette to the tiny town of Advance."

DE+I Navigation

DE+I Community Involvement

File: [extracted_content_26_20241120201914.txt](#)

URL: <https://www.mybeckman.in/sign-in?lang=hi>

By pressing Login, I attest that I am an authorized user of this application. User verification required.

File: [extracted_content_27_20241120201921.txt](#)

URL: <https://www.beckman.com/about-us/global-privacy-notice>

Effective Date: August 18, 2022

Last Updated: January 18, 2023

ABOUT THIS POLICY

Beckman Coulter Life Sciences values your privacy and the protection of your personal data. This policy ("Policy") explains how Beckman Coulter Life Sciences its affiliates, subsidiaries or related companies, a full list of which can be located here (together, "Beckman Coulter Life Sciences Sites", "our", "us", or "we"), collects, uses, shares, transfers and processes data collected from or about you.

"Personal Data" is any information that can be used to directly or indirectly identify an individual or that can be reasonably expected to link to an individual. This can include items such as name, address, telephone number, credit card details, email address, ID number, Internet Protocol ("IP") address of an electronic device used by an individual, or other identifying code (even absent of other identifying information). Statistical and non-identifiable metric data are not considered Personal Data.

The Beckman Coulter Life Sciences subsidiary, affiliate or related company with which you interact is, where applicable, the data controller (or equivalent under applicable law) responsible for the processing of your Personal Data. You can find a list of the relevant legal entities that act as data controllers in Appendix 1 to this Policy.

This Policy describes the types of Personal Data that we may collect, process or disclose about you and how you may govern this processing by exercising applicable legal rights. This Policy applies to both online and offline information collection, including your use of websites or subdomains operated by us, any mobile applications, when we provide products and/or services to you or notify you about prospective items of interest and in other situations where you interact with us in-person, by telephone or by mail where this Policy is posted or referenced.

There may be occasion where you have been provided with a circumstance-specific privacy

notice that is separate from this policy, such as privacy notices for specific activities such as Recruitment. To the extent you were provided with a different notice, those notices apply and govern our interactions with you. If you provide Personal Data about parties other than yourself, you are responsible for ensuring their knowledge of how we will process their personal data, and, where applicable, obtaining any necessary consents required in advance.

We are committed to processing Personal Data in accordance with applicable laws. Please note that if you do not wish to provide your Personal Data to us, some products and/or services may become unavailable to you. Your use of any or all these platforms indicates you have been notified of our collection, use, transfer, and disclosure of your information as described in this Policy to the extent permitted by applicable law.

YOUR INFORMATION

We connect with individuals for many different reasons. Those interactions may result in us directly or indirectly gaining access to Personal Data about you. The below table summarizes how we may collect, process, and use Personal Data, our legal basis for processing your information, and the potential recipients of your information. Please note, not all instances may be applicable in all circumstances.

GENERAL CATEGORIES OF PERSONAL DATA COLLECTED

The below table denotes the categories and sources of Personal Data that may be processed under this Policy in addition to the purposes and legal bases for such processing. Please note that the items contained within this table may be shared, received or processed by Beckman Coulter Life Sciences, our partners that assist us in providing the products or services or help us improve our marketing or administration, Healthcare Practitioners (“HCPs”), patients, persons with the legal right to access the Personal Data and Parties involved in potential business transactions.

Identity and Contact Information | |||

Examples of Personal Data Processed | Sources of Personal Data | Purpose of Processing the Personal Data | Legal Basis for Processing the Personal Data |

First and last name, email address, postal address, phone number, job title, professional license numbers, account username and password, IP address, and national provider identifier or state license number | Directly from you; from your devices; from our business partners; from publicly available sources; from your HCP; from your patients; from other subsidiaries, affiliates or related companies of Beckman Coulter Life Sciences as detailed here | To provide you with our products and services; to communicate with you; to identify and authenticate you; to customize content for you; to detect security incidents; to protect against malicious or illegal activity; to offer or provide our products and services; to ensure the appropriate use of our products and services; to improve our products and services; for short-term, transient use; for administrative purposes; for marketing, internal research, and development; and/or for quality assurance | For the purposes of our legitimate interests; in the public interest; to comply with a legal obligation; to perform a contract; to protect vital interests; for the purposes of assisting medical treatment and/or diagnosis; promoting quality and safety of medical products/ services/devices; in circumstances where we have requested and received consent; and for other purposes that may be required or allowed by

law dependent upon the type of Personal Data |

Demographic Information | |||

Examples of Personal Data Processed | Sources of Personal Data | Purpose of Processing the Personal Data | Legal Basis for Processing the Personal Data |

Age, gender, marital status, disability, and date of birth | Directly from you; from your devices; from our business partners; from publicly available sources; from your Healthcare Practitioner; from your patients; from other subsidiaries, affiliates or related companies of Beckman Coulter Life Sciences as detailed here | To provide you with our products and services; to communicate with you; to identify and authenticate you; to customize content for you; to detect security incidents; to protect against malicious or illegal activity; to ensure the appropriate use of our products and services; to improve our products and services; for short-term, transient use; for administrative purposes; for marketing, internal research, and development; and/or for quality assurance | For the purposes of our legitimate interests; in the public interest; to comply with a legal obligation; to perform a contract; to protect vital interests; for the purposes of assisting medical treatment and/or diagnosis; ensuring quality and safety of medical products/services/devices; in circumstances where we have requested and received consent; and for other purposes that may be required or allowed by law dependent upon the type of Personal Data |

Commercial and Financial | |||

Examples of Personal Data Processed | Sources of Personal Data | Purpose of Processing the Personal Data | Legal Basis for Processing the Personal Data |

Transaction records, products and services (purchased, obtained, or considered), requested documentation, customer service records, financial transaction history, transfers of value, and financial account number | Directly from you; from your devices; from our business partners; from publicly available sources; from your Healthcare Practitioner; from your patients; from other subsidiaries, affiliates or related companies of Beckman Coulter Life Sciences as detailed here | To provide you with our products and services; to communicate with you; to identify and authenticate you; to customize content for you; to detect security incidents; to protect against malicious or illegal activity; to ensure the appropriate use of our products and services; to improve our products and services; for short-term, transient use; for administrative purposes; for marketing, internal research, and development; and/or for quality assurance | For the purposes of our legitimate interests; in the public interest; to comply with a legal obligation; to perform a contract; in circumstances where we have requested and received consent; and for other purposes that may be required or allowed by law dependent upon the type of Personal Data |

Professional and Educational Information | |||

Examples of Personal Data Processed | Sources of Personal Data | Purpose of Processing the Personal Data | Legal Basis for Processing the Personal Data |

Job title or position, employer, National Provider Identifier number, work skills, employment history, graduate degree, certification, specialized training, responses to surveys and questionnaires, and enrollment history for our education and training events, LinkedIn profile | Directly from you; from your devices; from our business partners; from publicly available sources; from your Healthcare Practitioner; from your patients; from

other subsidiaries, affiliates or related companies of Beckman Coulter Life Sciences as detailed here | To provide you with our products and services; to communicate with you; to identify and authenticate you; to customize content for you; to detect security incidents; to protect against malicious or illegal activity; to ensure the appropriate use of our products and services; to improve our products and services; for short-term, transient use; for administrative purposes; for marketing, internal research, and development; and/or for quality assurance | For the purposes of our legitimate interests; in the public interest; to comply with a legal obligation; to perform a contract; ensuring quality and safety of medical products/services/devices; in circumstances where we have requested and received consent; and for other purposes that may be required or allowed by law dependent upon the type of Personal Data |

Technical Information | |||

Examples of Personal Data Processed | Sources of Personal Data | Purpose of Processing the Personal Data | Legal Basis for Processing the Personal Data |

IP addresses, browser type, browser language, device type, advertising IDs associated with your device (such as Apple's Identifier for Advertising (IDFA) or Android's Advertising ID (AAID)), the date and time you use our products and services, Uniform Resource Locators, or URLs (i.e., website addresses) visited prior to arriving and after leaving our products and services, activity on our products and services and referring websites or applications, data collected from cookies or other similar technologies, and geolocation information | Directly from you; from your devices; from our business partners; from publicly available sources; from your Healthcare Practitioner; from your patients; from other subsidiaries, affiliates or related companies of Beckman Coulter Life Sciences as detailed here | To provide you with our products and services; to communicate with you; to identify and authenticate you; to customize content for you; to detect security incidents; to protect against malicious or illegal activity; to ensure the appropriate use of our products and services; to improve our products and services; for short-term, transient use; for administrative purposes; for marketing, internal research, and development; and/or for quality assurance | For the purposes of our legitimate interests; in the public interest; to comply with a legal obligation; to perform a contract; to protect vital interests; for the purposes of assisting in medical treatment and/or diagnosis; ensuring quality and safety of medical products/services/devices; in circumstances where we have requested and received consent; and for other purposes that may be required or allowed by law dependent upon the type of Personal Data |

Health Information | |||

Examples of Personal Data Processed | Sources of Personal Data | Purpose of Processing the Personal Data | Legal Basis for Processing the Personal Data |

Information regarding your treatment, including your date of birth, sex/gender, treatment dates, medical history, and treatment information, patient-reported outcome measures (e.g., responses to questionnaires and surveys), X-rays, magnetic resonance imaging, medical scans, user activity, pictures and videos of treatment activities, therapy completion and use details, and communications with your Healthcare Provider and/or patient, including audio and/or video from telehealth sessions, allergy information; Medical Insurance Information

and details pertaining thereto. | Directly from you; from your devices; from our business partners; from publicly available sources; from your Healthcare Practitioner; from your patients; from other subsidiaries, affiliates or related companies of Beckman Coulter Life Sciences as detailed here | To provide you with our Products and Services; to communicate with you; to identify and authenticate you; to customize content for you; to detect security incidents; to protect against malicious or illegal activity; to ensure the appropriate use of our Products and Services; to improve our Products and Services; for short-term, transient use; for administrative purposes; for marketing, internal research, and development; and/or for quality assurance | For the purposes of our legitimate interests; in the public interest; to comply with a legal obligation; to perform a contract; to protect vital interests; for the purposes of medical treatment and/or diagnosis; ensuring quality and safety of medical products/services/devices; in circumstances where we have requested and received consent; and for other purposes that may be required or allowed by law dependent upon the type of Personal Data |

HEALTH INSURANCE PORTABILITY AND ACCOUNTABILITY ACT (HIPAA)

If you are a patient based in the US, please note that this Policy is distinct from your Healthcare Practitioner's HIPAA Notice of Privacy Practices, which describes how your HCP uses and discloses individually identifiable information about your health that it collects, as well as any other privacy practices it applies. Personal Data we receive on behalf of your Healthcare Practitioner is not subject to this Policy.

Beckman Coulter Life Sciences may process anonymized/de-identified data. This is data for which the characteristics that can identify you, directly or indirectly, have been removed such that you are no longer identifiable, and this information is no longer considered Personal Data under data protection laws. This includes in the United States the removal of identifiers from protected health information required under HIPAA, 45 CFR § 164.514(b)(2), for such data to be considered deidentified. We rely on our legitimate business interest, scientific or historical research and/or statistical purposes, consent or other purposes that may be required or allowed by law as the legal basis to anonymize Personal Data.

We may also obtain and use certain types of combined data sets such as demographic data for any purpose ("Aggregated Data"). Aggregated Data may be derived from your personal data but does not directly or indirectly reveal your identity. For example, we may aggregate certain information technology-related data of yours with others' data to calculate the percentage of users accessing a specific feature on our website. We may use Aggregated Data for any purpose without restriction. However, if we re-combine or re-connect Aggregated Data with your personal data so that it can directly or indirectly identify you, we treat the combined data as personal data which will be used in accordance with this Policy.

COMBINING INFORMATION

We combine information we collect on the website with information we receive from you in person, by email, or by other forms of communication. We also combine information you provide with information we obtain from third parties, service providers, publicly available sources and our subsidiaries, affiliates or related companies.

INFORMATION COLLECTED FROM CHILDREN

Our sites and apps are meant for adults. We do not knowingly collect Personal Data from children 17 years old or younger without permission from a parent or legal guardian. If you are a parent or legal guardian and think your child has given us information, you can email or write to us using the details in the "Contact Us" section below.

We may transfer, process, and store your information to the US, Canada, India, European Union member states, the United Kingdom, or other countries. Our affiliates or other third-party service providers may also transfer, process, or store your information in the US or other countries. Our sites and businesses may be subject to US laws, which may not afford the same level of protection as those in your country.

CROSS BORDER DATA TRANSFERS

We may transfer your Personal Data to recipients in countries other than the country in which your Personal Data was originally collected. When we transfer your Personal Data in such a manner, we take steps for your data to be protected consistent with the laws and requirements in your country, including the requirements that apply to cross-border data transfers. We implement appropriate technical and organizational measures to provide a level of security appropriate to the risk of protecting your Personal Data against accidental or unlawful destruction, loss, alteration, unauthorized disclosure or access. As is the case with all websites, applications, products, and services, we unfortunately cannot guarantee security of the data collected at all times.

If we are involved in a sale or transfer of all or some of our business assets or operations via a share or asset transaction, your personal data may be transferred to the acquiring organization who will be required to take at least the same or higher standards of care in the treatment of your Personal Data. Should such a sale or transfer occur, if required by law, you will be informed about this and may withdraw your consent to or, as applicable, instigate any other legally available rights as detailed in the "Rights and Choices" section of this Policy with regards to the processing and use of your Personal Data by the transferee. As outlined in the table above your interaction with our websites is an additional source for collecting your information. We may use "cookies", web beacons, and other technologies to help us evaluate and improve the content or functions of the products or services we provide. We collect your information through several methods:

- Web beacons
- Tracking Cookies
- Analytic Cookies
- Social Media Cookies

Our Cookie Policy provides more detailed information about this topic and how we use cookies to enhance your experience and better serve you.

THIRD PARTY LINKS AND TOOLS

We may link to other sites or apps on our platforms that we do not control. If you click on a third-party link, you will be taken to a platform we do not control. This policy does not apply to the privacy practices of that website or platform. Read other companies' privacy policies carefully. We are not responsible for these third parties. Our site may also serve third party content that contains their own cookies or tracking technologies. We do not control the use of those technologies.

We will retain Personal Data for as long as is necessary to carry out the purposes the Personal Data was collected for or for the period prescribed by applicable laws, whichever is longer. In considering how long to retain your Personal Data the following are considered:

- The potential risk of harm if the data was subject to unauthorized use or disclosure;
- The volume and sensitivity of the Personal Data;
- If circumstances have changed such that the purposes for which the Personal Data was collected can be achieved by other means.

When the retention of your Personal Data is no longer required, we will delete or anonymize the data as per the details provided above.

YOUR RIGHTS AND CHOICES

Some jurisdictions such have provided individuals with rights in relation to the processing of their Personal Data. These rights are not available to everyone, and they do not necessarily apply in all contexts. Depending on the applicable law or the legal basis, you may have the right to:

- Object to the processing of your Personal Data;
- Request access to your Personal Data;
- Request correction of your Personal Data should your Personal Data be inaccurate, incomplete, or obsolete;
- Request erasure/deletion of your Personal Data;
- Withdraw your consent to future processing where we processed Personal Data on the basis of your consent;
- Request restrictions on the processing of your Personal Data, including restricting the sale of or sharing of your Personal Data;
- Request the transfer of your Personal Data to yourself or a third party;
- Opt-out of certain transfers to third parties.

To exercise a right that you believe you may be entitled to under applicable law you can contact us directly by submitting a request through this webform. We may need to verify your identity before we fulfill your request or, under applicable law, we may be unable to action your submission. We shall notify you in a timely manner of such decisions or requirements as necessary.

California Residents. Our California Consumer Rights Notice provides an overview of how consumers in California receive certain privacy rights and protections.

Filing a Complaint. If you are not able to resolve a problem directly with us and wish to make a formal complaint, you can contact your local data protection authority or other enforcement authority.

CONTACT US

If you have any questions about this Policy or our data practices, you can write to us at: Beckman Coulter Life Sciences Attn: Legal & Compliance (Privacy)

Alternatively, you can email us directly at dataprivacy@beckman.com.

From time to time we may change our privacy policies. The most updated copy will be found on our website. Please check our site periodically for updates.

[Click here](#) for a table of applicable controllers and responsible entities.

File: extracted_content_28_20241120201927.txt

URL: <https://www.mybeckman.in/liquid-handlers>

Automated Liquid Handling Solutions

By combining the power of Echo and Biomek brands, we've officially launched the next wave in liquid handling technology.

As experts in fluidtransferology, we now offer a broader range of flexible, scalable liquid handling solutions for NGS, genomic, cellular, protein and other workflows—for research areas such as drug discovery, biopharma, agriculture, synthetic biology, forensics and more. We also offer a library of demonstrated next-generation sequencing and nucleic acid sample prep methods automated across our portfolio.

We are committed to the continued support of our customers utilizing our legacy instruments. Here are resources, manuals, and eIFUs to support the Biomek 4000, Biomek NXp, and Biomek FXp automated workstations.

Whether it's acoustic dispensing, tip-based liquid handling or fully integrated systems—we have the expertise and breadth of capabilities to expand your scientific boundaries, maximize your budget and rapidly drive your discoveries.

ECHO is a trademark or registered trademark of Labcyte Inc. in the United States and other countries. Labcyte is a Beckman Coulter company.

File: extracted_content_29_20241120201935.txt

URL: <https://www.mybeckman.in/flow-cytometry/cell-sorters/cytoflex-srt>

CytoFLEX SRT Benchtop Cell Sorter

CytoFLEX SRT Cell Sorter is a benchtop sorter. It is capable of meeting requirements for a wide range of sorting needs. And like the CytoFLEX Platform, it includes innovative technologies that simplify the setup and operation, empowering investigators to focus on the research questions. The Violet-Blue-Yellow Green-Red (V-B-Y-R) Series has 15 fluorescent detectors when fully activated. It can be purchased with as few as five with an option to activate additional lasers and detectors with an activation key. It is capable of complex sort logic with different combinations of sort settings on each of four streams, including the ability to catch aborts of one of the other streams. An optional Biosafety Cabinet including aerosol evacuation or a standalone Aerosol Evacuation Unit is available.

- Capable of complex sort logic, including 4-way sorting, Mixed Mode sorting, and the ability to catch aborts and preserve precious cells
- Setup is smart and simplified, using automation to establish and maintain the sort stream
- Remote support ready using BeckmanConnect for on demand access to our technical specialists, perform many routine maintenance procedures independently
- Explore more resources about the CytoFLEX SRT benchtop sorter here.

CytoFLEX SRT Features

CytoFLEX that Sorts

- Exquisite sensitivity for multicolor applications

- Parameter matched to the CytoFLEX S V-B-Y-R Series
- Intuitive software to facilitate multicolor analysis, CytExpert for CytoFLEX SRT

Accessible Sorting

- From startup to sample sorting in <30 minutes
- Uses technology to increase ease of use by automating sort stream setup and maintenance throughout the sort
- Designed for reliability and supported by teams of experts

Complex Sort Logic

- 4-way sorting, Mixed Mode sorting
- Ability to catch aborts and preserve precious cells

Delivering Quality Cells

- High recovery and post sort viability
- Accurate single-cell deposition using the Cyclone Movement System, including Index Sorting
- Sort into tubes, slides, or microplates

CytoFLEX SRT V5-B2-Y0-R0 Cell Sorter (7 Colors, 2 Lasers)
Product No: C71887

CytoFLEX SRT V0-B2-Y5-R0 Cell Sorter (7 Colors, 2 Lasers)
Product No: C71888

CytoFLEX SRT V0-B2-Y0-R3 Cell Sorter (5 Colors, 2 Lasers)
Product No: C71889

CytoFLEX SRT V5-B2-Y5-R3 Cell Sorter (15 Colors, 4 Lasers)
Product No: C71883

CytoFLEX SRT V5-B2-Y0-R3 Cell Sorter (10 Colors, 3 Lasers)
Product No: C71885

CytoFLEX SRT V0-B2-Y5-R3 Cell Sorter (10 Colors, 3 Lasers)
Product No: C71886

CytoFLEX SRT V5-B2-Y5-R0 Cell Sorter (12 Colors, 3 Lasers)
Product No: C71884

CytoFLEX SRT Benchtop Cell Sorter Specifications

Signal Processing | Digital system with 7-decade display |

Optical Filters | 450/45, 525/40 (2), 585/42, 610/20 (2), 660/10 (2), 675/30, 690/50, 710/50, 712/25, 780/60 (3) |

Sorting Performance | With a target population of 5% and a threshold rate of <10,000 events per second, >99% purity and >80% of Poisson's expected yield |

Collection Vessels | 12x75 mm tubes, 15 mL conical tubes, 96-well plates, 96-deep-well plates, 6-, 24-, 48-, 96- and 384-well plates, slides |

Item Specifications Referenced | C71883 |

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URL: <https://www.mybeckman.in/news>

Receive timely updates on your favorite topics from the experts at Beckman Coulter Life

Sciences

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NOT ALL PRODUCTS ARE AVAILABLE IN ALL COUNTRIES. PRODUCT AVAILABILITY AND REGULATORY STATUS DEPENDS ON COUNTRY REGISTRATION PER APPLICABLE REGULATIONS The listed regulatory status for products correspond to one of the below:
IVD: In Vitro Diagnostic Products. These products are labeled "For In Vitro Diagnostic Use."
ASR: Analyte Specific Reagents. These reagents are labeled "Analyte Specific Reagent. Analytical and performance characteristics are not established." CE-IVD, CE: Products intended for in vitro diagnostic use and conforming to the In Vitro Diagnostic Regulation (IVDR) (EU) 2017/746. (Note: Devices may be CE marked to other directives.) RUO: Research Use Only. These products are labeled "For Research Use Only. Not for use in diagnostic procedures." LUO: Laboratory Use Only. These products are labeled "For Laboratory Use Only." No Regulatory Status: Non-Medical Device or non-regulated articles. Not for use in diagnostic or therapeutic procedures.

File: extracted_content_30_20241120201943.txt

URL: <https://www.mybeckman.in/liquid-particle-counters/hiac-9703-plus>

HIAC 9703+ Pharmaceutical Particle Counter

HIAC 9703+ liquid sampler and PharmSpec Software for Parenteral Drug Final Product Testing to USP<787>, <788> & EP2.9.19

PharmSpec Software works with the HIAC 9703+ liquid particle counter system to test parenteral products for sub-visible particle content using light obscuration in accordance with USP<787>, <788> and EP 2.9.19. Flexible calibration at multiple flow rates improves ease of sampling for varying sample viscosities and volumes. Ease of use and data integrity are prioritized in PharmSpec with features such as login credentials controlled by Microsoft Active Directory, multi-level user rights, automated pass/fail compendial reporting, comprehensive audit trail, and auto-flush routines for improved walkaway operation. In addition to the built-in compendial test routines, user-defined SOPs can be programmed into the counter using PharmSpec Software's Procedure Builder.

- PharmSpec software is 21 CFR Part 11 ALCOA compliant
- Secure database is either sited on the local pc operating the HIAC 9703 sampler, or sited remotely on a networked server
- Periodic database backup can be selected for additional database security
- Specially designed vial clamp holds sample in place and small-bore sampling probe enables full application of USP<787> for protein based drug products, such as vaccines

Additional Resources

Applications

- Research & development
- Troubleshooting

- Stability testing
 - Small vial holder & tare volume conserves costly samples
 - Configurable flow rates & interchangeable sensors for 0.5 µm - 600 µm particle size detection
 - Interchangeable sample probes & syringes
- Software
- Program custom SOPs to eliminate manual counter configuration and pass/fail calculations
 - Multi-level security for 21 CFR Part 11 compliance
 - Automatic database backup & recovery loss feature protects valuable results and data
- HIAC 9703+ Liquid Particle Counter Specifications
- Industry Standards | CE |
- Light Source | Long Life laser diode with 10 year mean-time-to-failure |
- Particle Size Analysis Range | 1.2 - 600 µm |
- Concentration Range | 0 to 18000 particles/mL |
- Operating System | Windows® 10 |
- Software | PharmSpec 3 |
- Temperature Range | Operating temp range: 5°C to 40°C |
- Item Specifications Referenced | 2089105-01 |

File: extracted_content_31_20241120201950.txt

URL: <https://www.mybeckman.in/cell-counters-and-analyzers>

Cell Counters, Sizers and Media Analyzers

Since the invention of the original COULTER COUNTER in 1954, we have built a full family of innovations that streamline cell counting, sizing, viability analysis and cell culture monitoring systems-thereby opening up new possibilities for you in life sciences. Every solution we create starts with you, and the performance, accuracy and workflow efficiency you need. Reliable engineering is built in, so that you can count on your instrument to meet the demands of your lab time after time. We've continually introduced new innovations to improve your workflow culminating in a full family of cell counters including our Vi-CELL cell viability platform and the Multisizer 4e particle size analyzer. Each takes a different approach to help you count, size and monitor cell health, featuring sophisticated, industry-leading technology. They're powerful, versatile and precise platforms, yet still perfectly user-friendly and intuitive. So whether you're looking for full automation, in-depth results, or simply a level of reliability unmatched in the industry, you're sure to have a solution that meets your needs.

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URL: <https://www.mybeckman.in/liquid-handlers/software>

Liquid Handling Software

Every time your sample moves, data moves. We offer software solutions that simplify the complexity of sample and data handling through intelligent processing.

- Biomek Automated Workstations operate using data-rich Biomek software with robust package add-ons to meet your individual workflow needs. Simple graphical user interfaces enable you to get reliable results without the need to learn automation language.
- Echo Software Applications can help you quickly and easily create liquid handling protocols for specific applications with minimal training. Each Echo application is designed around a specific liquid handling workflow and uses wizards and graphical interfaces to simplify creation of plate formats, liquid transfer routines and output files.

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URL: <https://www.mybeckman.in/liquid-handlers/software/sami-ex>

Control and organize your work with flexible SAMI EX Software. Designed to provide complete automation and process control across a wide variety of applications, SAMI EX creates planned data-driven schedules in an optimized and predictable scheduling environment.

- Planning scheduler optimizes the sequence of workflow actions for consistent timing
- Devices can be integrated & use data at the plate/well level for decision-making
- Method variation with interleaving sub-processes for more control & time savings
- Methods and processes can be driven by live data
- Sophisticated error handling during method building & runtime
- Visual Gantt chart functionality for real-time workflow execution & bottleneck management

File: extracted_content_34_20241120202009.txt

URL: <https://www.mybeckman.in/air-particle-counters/met-one-r4800-and-r4900>

MET ONE R4800 and R4900 Remote Air Particle Counters

The MET ONE R4800 and R4900 series remote air particle counters are affordable, reliable and provide accurate data in particle monitoring systems. A compact design with flexible sizing, flow rate and communication options address the specific needs of cleanroom operations in pharmaceutical, semiconductor, hard disk drive and flat panel display industries.

Learn more about the MET ONE R4800 & R4900: [Explore MET ONE R4800 and R4900 Models](#)

Easy Integration

- MET ONE R4800 series remote air particle counters use standard RS-485 serial communications
- MET ONE R4900 series remote air particle counters use industry standard 4-20mA interface
- Stainless steel enclosure compatible with most process environments

- Compact size for easy mounting with a vacuum source, DC power & communication line
 - MET ONE R4800 & R4900 counters respond to simple ASCII command instructions, including start, stop and report counts, send location number, etc.
 - Reporting data includes counter status & particle counts in two size ranges
 - Multiple display options via continuous monitoring feature (Particle Vision® Online & CIMScan® software)
 - User-programmed alarm level detects high counts on first channel triggering an alarm
 - Auto alarm reset at start of the next count cycle
 - Long-life laser technology for superior performance & extended service life
 - No fan allows proximate placement to sensitive processing areas
 - Sensitivity ranges of 0.5um & flow rates of 1.0 cfm
 - Onboard status indicator sets signal at connector for alarm Stay resident RS-485 configuration programming (count/hold times, alarm level/delay & scaling) maintained through power cycles
- Primary Part number is not valid

File: extracted_content_35_20241120202013.txt

URL: <https://www.mybeckman.in/life-sciences-vs-diagnostics>

In 1997, Beckman Instruments acquired Coulter Corporation, and a year later the combined companies became Beckman Coulter, Inc.

In 2011, Danaher Corporation purchased Beckman Coulter, Inc., and subsequently divided it into two distinct Danaher operating companies:

Beckman Coulter Life Sciences, headquartered in Indianapolis, and Brea, California-based Beckman Coulter Diagnostics.

To help distinguish the two companies, Beckman Coulter Diagnostics retained the original logo for Beckman Coulter, Inc., while the words Life Sciences were added for Beckman Coulter Life Sciences.

Do both companies serve the same customers?

In general, no. Although there are some customers in common, Beckman Coulter Life Sciences is primarily a global leader in scientific research instruments for academic, cellular analysis and bio/pharmaceutical segments. The majority of our technologies are used to accelerate the answers scientists need to help discover new therapies and treatments, not to administer or monitor those therapies.

In contrast, Beckman Coulter Diagnostics focuses primarily on in vitro diagnostics systems and assays used in hospitals and critical care settings around the world. Their innovative products help healthcare professionals diagnose disease, make treatment decisions and monitor patient health.

Why do my research lab's instruments have the original Beckman Coulter logo?

Legally speaking, Beckman Coulter, Inc. still owns the trademarks for products manufactured by our company as well as those from Beckman Coulter Diagnostics.

If your lab uses Beckman Coulter instruments for research, those instruments are made and marketed by Beckman Coulter Life Sciences – and we're always ready to assist you with

service, support, consumables, labware and instrument upgrades.
Shop Reagents
Shop Labware & Supplies
Register for an account

File: [extracted_content_36_20241120202018.txt](#)

URL: <https://www.mybeckman.in/events>
LINKS 2024 Automation & Genomics Networking Series
ISEVxTech - EV Technology and Methods Summit 2024
Baltimore, Maryland
TWB & Beckman University: Innovation and Biomanufacturing

File: [extracted_content_37_20241120202023.txt](#)

URL: <https://www.mybeckman.in/liquid-particle-counters>
Get accurate, consistent fluid monitoring with HIAC particle counters
In the early 1960's Leon D. Carver and his team at HIAC (High Accuracy Products) invented light obscuration and the term particle counting was born. HIAC was the first company in the world to use a laser light source for light obscuration sensors. Over the course of 60 years, Beckman Coulter Life Sciences has continued to innovate and is the market leader in sizing particles in liquids or gases. These liquid particle counters are now being used for monitoring hydraulic fluids, glycols, cleaning solvents, fuels, lubricants, pharmaceuticals, compressed gasses, water and many others. HIAC is the benchmark name in liquid particle counting.

File: [extracted_content_38_20241120202031.txt](#)

URL: <https://www.mybeckman.in/contact-us>
Contact Beckman Coulter Life Sciences - India
Beckman Coulter develops, manufactures and markets products that simplify, automate and innovate complex biomedical tests. More than a quarter of a million Beckman Coulter instruments operate in laboratories around the world, supplying critical information for improving patient health and reducing the cost of care.
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1060 Nguyen Van Linh Street, Tan Phong Ward, District 7
Sales, Service and Support Contact Information

File: extracted_content_39_20241120202035.txt

URL: <https://www.mybeckman.in/instruments>

Since the invention of the original Coulter Counter, we have built a full family of innovations that streamline cell counting, sizing and viability analysis.

Using the Coulter Principle, a leading technology in high resolution and accuracy, the COULTER COUNTER Analyzers provide size distribution in number, volume and surface area in one measurement, with an overall sizing range of 0.4 μm to 1600 μm . Its response is unaffected by particle color, shape, composition or refractive index.

Every solution we create starts with you, and the performance, accuracy and workflow efficiency you need. Reliable engineering is built in, so that you can count on your instrument to meet the demands of your lab time after time.

File: extracted_content_3_20241120201655.txt

URL: <https://www.mybeckman.in/flow-cytometry/software>

Flow Cytometry Software

Simply, efficiently and quickly analyze multicolor, multiparametric data from flow cytometers of today and tomorrow.

Simply, efficiently and quickly analyze multicolor, multiparametric data from flow cytometers of today and tomorrow.

File: extracted_content_40_20241120202041.txt

URL: <https://www.mybeckman.in/flow-cytometry/clinical-trials>

We're equipping labs around the world with the end-to-end flow cytometry tools they need to streamline clinical trials. From expert panel design to automated sample preparation systems, state-of-the-art flow cytometers to empowering reagents and data analysis, we can help you harness the true potential of the flow cytometry lab.

We wrote the book Download today

Collaborating with a comprehensive solutions provider that specializes in flow cytometry can simplify the complexity of clinical trials, contributing to more reproducibility and

meaningful research results.

- Chapter 1: Harmonization in your multicenter trials
- Chapter 2: Leverage expert support in your clinical trials
- Chapter 3: Increase efficiency with automated solutions
- Featured products

Chapter 1: Harmonize your multicenter trials

We explore the critical aspects of multicenter studies and research reproducibility, emphasizing innovative solutions from Beckman Coulter Life Sciences. Take an in-depth look at how to increase the reliability of data across multiple centers. Understand the role of automation in streamlining processes and ensuring consistent results, and find out how Beckman Coulter Life Sciences solutions elevate the standards of multicenter research.

Watch Prisha in the lab as she deals with challenges

Chapter 2: Leverage expert support in your clinical trials

Find the essential resources that form the backbone of clinical and research laboratories, with a spotlight on Beckman Coulter Life Sciences solutions. This chapter provides insights into the seamless integration of instruments for both analytical research and clinical applications. Additionally, we explore how our solutions provide the support you need to maintain the highest standards in laboratory practices.

Related products

Chapter 3: Increase efficiency with automated solutions

Our tour continues, and we now shine a light on the paramount importance of efficiency in laboratory workflows, guided by cutting-edge solutions from Beckman Coulter Life Sciences. Focusing on the post-analytical phase and data analysis, we explore how to optimize quality and increase efficiency with the right automated technologies for your lab. This chapter demonstrates the company's commitment to providing top-of-the-range automated solutions to drive efficiency in clinical trials.

File: extracted_content_41_20241120202046.txt

URL: <https://www.mybeckman.in/request-quote>

Get in touch with a Beckman Coulter Life Sciences sales representative.

Please fill out the form below to help us recommend a solution to meet your needs. Not looking for a quote? Visit our Contact Us page instead.

Part Number | Product Name | Product Url | Quantity |

File: extracted_content_42_20241120202051.txt

URL: <https://www.mybeckman.in/liquid-handlers/software/echo/dose-response>

Echo Dose-Response Software

Improve Results with Direct Dilution

Prepare dose-response and standard curves using the unique ability of the Echo Liquid Handler to perform Direct Dilution. In a single protocol, the intuitive graphical user

interface guides the transfer of samples controls and back-fill solutions for every curve. Reliable dose-response determination starts with liquid transfers with exceptional accuracy:

- Visualize curve layouts, starting concentrations, final concentrations, and normalization requirements
- Produce row- and column-wise dilutions
- Replicate curves in adjacent wells, sequentially or across plates
- Import a pick list to identify samples for dilution
- Errors do not compound as in serial dilutions

Direct Dilution Eliminates Carryover and Improves Results

Direct Dilution is a precise method for generating drug concentrations used in dose-response experiments. As opposed to serial dilution, nano- and microliter volumes are transferred in proportion to the desired concentration. With tip-based liquid handling, direct dilution is often not practical or possible. Dilution using the serial method can lead to inaccurate results due to error propagation.

Figure: Example of a 11-point curve created using Direct Dilution. The image to the left shows how the desired concentrations are created by transfers directly from the stock sample and two intermediate dilutions of the stock sample. The resulting IC50 is shown to the right.

Assemble dose-response curves by directly transferring different sub-microliter volumes from one or more stock concentrations to achieve the desired final concentration at each point. Acoustic, non-contact transfer with Echo Liquid Handlers eliminates tips, carryover, and dilution errors.

Echo Dose-Response Specifications

Description | Specifications |

Microsoft® Windows 7 (32-bit or 64-bit), or Microsoft® Windows 10 64-bit (Windows 7 compatibility mode); Windows.Net Framework 4.62 or greater |

Memory | 4 GB or greater |

Network connection | 10/100/1000 BaseT (2 network connections are required) |

Network protocol | TCP/IP |

Hard drive | 4 GB Free Space Available |

Echo Client Software | 2.6 or later |

Echo.Net Framework | 1.7 or later |

[File: extracted_content_43_20241120202056.txt](#)

URL: <https://www.mybeckman.in/liquid-handlers/software/echo/array-maker>

Echo Array Maker

Complete Control of Liquid Transfers

Transfer samples and reagents to user-defined patterns. Echo Array Maker software enables users to graphically design custom patterns and formats for transfer. This can be used to transfer samples and reagents onto microarrays, chips, or to multiple locations of a microplate well.

- Create custom destination formats for protein crystallography, MALDI, and more
- Share patterns across Echo systems
- Transfer to multiple arrays, multiple patterns within arrays, and multiple spots within patterns
- Import pick lists to set which samples are transferred to which pattern and spot

Echo Array Maker Specifications

Description | Specifications |

Microsoft® Windows 7 (32-bit or 64-bit), or Microsoft® Windows 10 64-bit (Windows 7 compatibility mode); Windows.Net Framework 4.62 or greater |

Memory | 4 GB or greater |

Network connection | 10/100/1000 BaseT (2 network connections are required) |

Network protocol | TCP/IP |

Hard drive | 4 GB free space required |

Echo® Client Software | 2.6 or later |

Echo.Net Framework | 1.7 or later |

File: extracted_content_44_20241120202101.txt

URL: <https://www.mybeckman.in/liquid-handlers/software/biomex-method-launcher>

Biomek Method Launcher

Method Launcher is supplemental software for Biomek liquid handlers that provides a simplified user interface and utilities that move users quickly and accurately through setup to begin their method.

Simplified control for maximum productivity

A simple user interface enables even novice users to harness the full power of Biomek liquid handlers.

- Organize your methods and easily initiate ready-to-run methods using the “app-style” launch screen.

- Print a summary of your method, labware needs and reagent concentrations for offline prep work.

- Control methods via a web browser from virtually anywhere you happen to be by using the DeckOptix™ Remote Monitoring system.

- Review various levels of method data directly in Method Launcher.

Guided Labware Setup Proceed quickly and confidently by using our most advanced deck setup utility Guided Labware Setup organizes details on labware and reagents, and leads you through setup, step-by-step.

DeckOptix™ Final Check (i-Series Liquid Handlers only)

Human error is a part of science. DeckOptix™ Final Check analyzes the deck for common setup errors and alerts you prior to the start of a run.

- Confirm labware is placed correctly on the automation deck.
- Verify use of the appropriate tip and plate types.
- Maximize walkaway time by avoiding method interruptions.

File: extracted_content_46_20241120202112.txt

URL: <https://www.mybeckman.in/cell-counters-and-analyzers/vi-cell-blu>

The faster Vi-CELL BLU cell analyzers automates the Trypan Blue Dye Exclusion method for cell viability analysis. The Vi-CELL BLU expedites processing by now having the option to use a 24-position sample carousel or a 96 well plate for sample delivery.

Additional enhancements incorporated in the Vi-CELL BLU include:

- Fully automated sample preparation, analysis and post-run cleaning
- Fast sample processing time
- Log-in samples on the fly
- Single sign-on with Active Directory
- Small laboratory footprint
- Flexible sample introduction – carousel or 96 well plate
- Data integrity tools for 21 CFR Part 11 compliance

Vi-CELL BLU Application Notes

- Guidance on Migration from Vi-CELL XR to Vi-CELL BLU
- Matching Cell Counts between Vi-CELL XR and Vi-CELL BLU
- Avoid the Pitfalls When Automating Cell Viability Counting for Biopharmaceutical Quality Control
- Comparative Performance Analysis of CHO and HEK Cells Using Vi-CELL BLU Analyzer and Roche Cedex® HiRes Analyzer
- Integration of the Vi-CELL BLU Cell Viability Analyzer into the Sartorius Ambr® 250 High Throughput for automated determination of cell concentration and viability
- Variability Analysis of the Vi-CELL BLU Cell Viability Analyzer against 3 Automated Cell Counting Devices and the Manual Method
- Cluster Count Analysis and Sample Preparation Considerations for the Vi-CELL BLU Cell Viability Analyzer
- Jurkat Cell Analyses Using the Vi-CELL BLU Cell Viability Analyzer

Watch the Vi-CELL BLU in action! Visit our video gallery

Discover How the Vi-CELL BLU Analyzer supports You from Data to Insights

Vi-CELL BLU Cell Viability Analyzer Features

Increased Productivity

- Supports 96 well plate sample introduction
- Customizable analysis parameters

Flexibility and Ease of Use

- Easy load reagent pak
- Load on the go processing
- Clean room kit option

Reagent Pack

- RFID Tracking of reagent part number, lot number, activities, and expiration date
- Easy load for automated sample prep
- Reagent pack complete with Trypan Blue dye, buffer, disinfectant and cleaning solutions

Data Integrity and Compliance

- Secure user sign-on
- Administrative configuration tools
- IQ/OQ

Vi-CELL BLU Cell Viability Analyzer Specifications

Industry Standards | 21 CFR Part 11 |

Particle Size Analysis Range | 2 - 60 μm |

Concentration Range | 50000 to 15000000 cells/mL |

Item Specifications Referenced | C19196 |

File: extracted_content_47_20241120202116.txt

URL: <https://www.mybeckman.in/copyright-trademark>

Copyright/Trademark

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File: extracted_content_48_20241120202120.txt

URL: <https://www.mybeckman.in/about-us/sustainability>

Delivering on our Purpose by caring for People and our Planet

Our Commitment to Sustainability

We view sustainability as a fundamental responsibility and strategic priority that touches every aspect of our business.

For us, sustainability means a commitment to considering the long-term interests of our associates, customers, shareholders, business partners, communities and planet—in everything we do.

Our sustainability strategy is to help generations of stakeholders Realize Life's Potential by:

- Innovating products that improve lives and our planet
- Building the best teams

These three pillars of our sustainability strategy are underpinned by a foundation of integrity, compliance and sound governance, which we refer to as the Foundational Elements of our sustainability program.

Our sustainability strategy is aligned with our purpose and values as an organization as well as key UN Sustainable Development Goals (UN SDGs) under the United Nations 2030 Agenda for Sustainable Development.

As a Danaher operating company, we align with Danaher's Sustainability Policy and Sustainable Supply Chain Policy. We also support Danaher's sustainability goals, including:

- Reducing absolute Scope 1 & 2 GHG emissions by 50.4% by 2032 (vs. 2021)
- Reducing the percentage of non-hazardous/non-regulated waste sent to landfills or incineration by 15% by 2024

Read more about Danaher's sustainability strategy & policies, and the annual sustainability report, [here](#).

Protecting Our Environment

To support our sustainability goals, we have internal programs and goals to increase renewable energy, reduce our energy and water consumption, and reduce greenhouse gas emissions.

We're working to increase our recycling/reuse of materials and reduce waste going to landfills. We also continue to innovate and find ways to integrate sustainability principles into our current and future product lines and packaging.

UN Sustainable Development Goals

The Sustainable Development Goals (SDGs) were adopted by all United Nations Member States in 2015. They provide a blueprint for ending poverty, improving health and education, reducing inequality, and protecting the environment.

Beckman Coulter Life Sciences seeks to contribute to the SDGs by responsibly designing and manufacturing our products and engaging with communities across the globe to promote positive outcomes.

The SDGs shown here are most relevant to our mission and sphere of influence. We will work to accelerate positive change in these areas while delivering on our mission to

empower those seeking answers to life's important scientific and healthcare questions. Danaher is a participant of the United Nations (UN) Global Compact. In support of this compact, Beckman Coulter Life Sciences is committed to aligning our strategy, culture and operations with the initiative's principles in the areas of human rights, labor, environment and anti-corruption. The Danaher sustainability report serves as our UN Global Compact Communication of Progress.

Celebrating Earth Day

One of the many ways we demonstrate our commitment to sustainability and community involvement is by celebrating Earth Day throughout the month of April. Each year, our associates around the world participate in volunteer events such as tree plantings, trash cleanups, and invasive species removal. They participate in educational events to learn about recycling, waste reduction, and other sustainability topics.

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URL: <https://www.mybeckman.in/liquid-handlers/software/echo/combo-combination-screen>
Echo Combination Screen Software

Design Complex Combination Screening Layouts

When performing combination screens, the management of pick lists, transfer maps, and plate handling protocols becomes complex. The Echo Combination Screen software provides a graphical interface to visually combine dose-response curves, controls, and single concentration transfers into combination screening protocols. Combine curves of any format in 2D and 3D:

- Automatically generate curves from common input information: starting concentration, dilution factor, concentration points, number of controls, and concentration limits
- Apply multiple curves to plate layouts in row- or column-wise orientations with wrapping and replicates
- Use pick lists to map samples to curves in the final combination assay layout

Create Combinations to Screen for Synergistic or Antagonistic Effects

Echo Combination Screen Specifications

Description | Specifications |

Microsoft® Windows 7 (32-bit or 64-bit), or Microsoft® Windows 10 64-bit (Windows 7 compatibility mode); Windows.Net Framework 4.62 or greater |

CPU | Intel® Core™ i5 or later |

Memory | 4 GB or greater |

Network connection | 10/100/1000 BaseT (2 network connections are required) |

Network protocol | TCP/IP |

Hard drive | 4 GB Free Space Available |

Echo Client Software | 2.6 or later |

Echo.Net Framework | 1.7 or later |

File: extracted_content_4_20241120201702.txt

URL: <https://www.mybeckman.in/air-particle-counters/facility-monitoring-system>

Facility Monitoring System (FMS)

The Facility Monitoring Systems (FMS) for remote system monitoring can be configured to meet a wide spectrum of cleanroom management needs for various industries—including pharmaceutical production. The FMS can monitor non-viable air particle counts, air temperature, and relative humidity. Our FMS solutions are based on an open-architecture platform designed to enable easy, streamlined integration with existing customer systems (SCADA). Each instrument is built around proven MET ONE technology, including the portable MET ONE 3400 series for routine monitoring and cleanroom classification, as well as the 6000 and 7000 series of fixed, non-viable air particle counters. MET ONE software platforms feature intuitive interfaces to help make them easy to use, thereby reducing the potential for human error that can occur with manual SOP monitoring. In addition, to help centralize reporting and simplify EUGMP/FDA compliance (e.g., for ISO 14644 and 21 CFR Part 11), Beckman FMS data can be integrated into a single-release, electronically signed paperless report.

- Workflow optimized, integrated solutions to monitor your cleanroom
- 21 CFR Part 11 enabling software workflow to ensure secure data management
- Integrate portables and remote air particle counters

Features of the MET ONE Facility Monitoring System

Particle Monitoring Compliance

- Nonviable and viable particle monitoring compliant with EU GMP
- Annex 1 and FDA 21 CFR Part 11
- Custom reports to record results
- Small scale, rapidly deployed pre-packaged software and hardware for isolators and small production line
- Batch workflow system for one or more production lines with several monitoring points
- Custom workflow optimized solutions for monitoring complex production methods across several production lines

Service Options

- Regional Service Professionals provide onsite ISO 21501-4 calibration and service
- Service agreement options for pre-scheduled onsite calibration and maintenance (including discounts for repairs)

Ease of Use

- Graphical user interfaces available on the system or via remote access terminals
- Color coded indication of system status
- Alarms clearly identified for acknowledgement
- Single click reports to generate auditable records for compliance

Explore Facility Monitoring System Models

MET ONE 7015 Washdown Enclosed, Flow Meter, Ethernet Interface, DC Power

Product No: 2088715-NF-ED-0

MET ONE 7005 Washdown Enclosed, Flow Meter, Ethernet Interface, DC Power

Product No: 2088705-NF-ED-0

Product Specifications

Performance | ISO 21501-4 unit-to-unit accuracy & reproducibility |

Industry Standards | ISO 21501-4 , ISO 14644-1:2015, FCC, CE |

Light Source | Long Life Laser™ Diode |

Throughput | 28.32 L per minute |

Zero Count | ISO 21501-4 & JIS B 9921 (1 count or less in 5 min; 95% UCL) |

Count Alarms Display and Cycles | User-defined alarm counts displayed via LED on box or remote LED |

Item Specifications Referenced | 2088615-PF-EA |

File: extracted_content_50_20241120202130.txt

URL: <https://www.mybeckman.in/cell-culture-workstation/cydem-vt>

Automated Cell Culture System

The Cydem VT Automated Cell Culture System combines multiple trusted Beckman Coulter Life Sciences technologies into one advanced platform that empowers lab managers with a far more effective, higher-throughput method for top clone screening in Cell Line Development—offering increased confidence that promising clones don't get overlooked in the process of consistently selecting the best.

Request Information or a QuoteDownload Product Brochure

Features of the Cydem VT Automated Cell Culture System

Combining multiple Beckman Coulter technologies into a single, standalone platform, the Cydem VT Automated Cell Culture System opens up a whole new world to hard-working lab managers and scientists, who strive daily for success in the high-pressure world of Cell Line Development. Gain more understanding from more clones from one single experiment.

Integrated Bioreactor Module

- Cultivate 96 clones in parallel in 24-deep well bioreactor plates
- Unique gassing chip for well-individual gassing control
- Maintain optimal pH and DO levels in your cultivations

Integrated Cell Count and Viability Module

- Regular updates of cell count and viability throughout your entire experiment
- Accurate and precise measurements with low sample volume
- Utilizes our well-known Vi-CELL BLU Analyzer technology

Integrated Titer Module

Regular antibody titer measurements

Learn more about the productivity of your clones

Make informed decisions about your clone selection

High Throughput

Optimized Selection Confidence

pH-controlled, fed-batch conditions with individual gassing regulation (CO₂ & dissolved oxygen) in each parallel microbioreactor

Early Insights

Regular on-deck cell count, viability and titer measurements throughout the entire

cultivation

Less manual work and human error;

reduced risk of contamination

3-Day Walk-Away Automated Operation with Auto-Normalization of Cell Density

- Fully integrated solution with on-deck cell count, cell viability, mAbs titer, pH, and DO measurement

- 3-day walk-away automated operation

- Automated seeding of cell cultures

- Schedule builder for analytical measurements, feeding strategy, and pH control

- Centralized data on one instrument with the ability to easily export in .csv format

- Single point of contact for sales, service, and technical support for the entire system, consumables, and reagents

Clone screening of 96 clones over 14 days. Viable cell density and mAbs titer displayed over the course of the experiment. For a better overview, 10 clones with different growth and productivity performances were selected.

Introducing the Cydem VT Automated Cell Culture System: A high-throughput platform for fast and reliable clone screening experiments

Specifications | Description |

Combined size (instrument + workstation cart)I |

• Width: 183 cm (72 in.) • Depth: 82 cm (32 in.) • Height: 228 cm (89.5 in.) with door closed

• Height: 233 cm (91.5 in.) with door open |

• Width: 170 cm (67 in.) • Depth: 82 cm (32 in.) • Height: 142 cm (56 in.) with door closed • Height: 147 cm (58 in.) with door open |

Workstation cart size2 | • Width: 183 cm (72 in.) • Depth: 82 cm (32 in.) • Height: 85 cm (33.5 in.) |

Weight | • Combined weight: 567 kg (1250 lbs) • Instrument only: 340 kg (750 lbs) •

Workstation cart only: 227 kg (500 lbs) |

I Including HEPA filter

2 Workstation cart is always included in the Cydem VT system

Cydem VT Automated Cell Culture System, 230 V

Product No: D03896

Cydem VT Automated Cell Culture System, 115 V

Product No: D03895

Frequently Asked Questions

The Cydem VT system supports the shaken cultivation of Chinese Hamster Ovary (CHO) cells.

The Cydem VT system allows for a pH-controlled fed-batch cultivation for 96 clones, with well-specific gassing control for pH (CO₂) and dissolved oxygen (DO) control. The liquid handler can add liquid base for additional pH control.

The Cydem VT Automated Cell Culture System can screen up to 96 clones in parallel shaken 5 mL microtiter plate format.

The Cydem VT system uses Valita Titer Assay technology and can quantify all Fc-containing molecules (e.g., IgG-based antibodies IgG 1, 2, 3, and 4 subclasses, standard, bispecific,

fusion protein formats, etc.).

You can find all technical documentation here.

The working volume is in a range of 3-5 mL.

The system provides regular on-deck measurements of pH and dissolved oxygen (DO) values, monoclonal antibody (mAb) titer, and cell count and viability.

File: extracted_content_51_20241120202135.txt

URL: <https://www.mybeckman.in/software>

Cytobank and Kaluza software for use with CytoFlex instruments

Echo and Biomek software for use with Beckman Coulter Life Sciences liquid handling instruments

For use with Biolector microbioreactors

File: extracted_content_52_20241120202141.txt

URL: <https://www.mybeckman.in/toc-analyzers/anatel-pat700>

ANATEL PAT700 Total Organic Carbon (TOC) Analyzers are specifically designed to help demonstrate compliance to the pharmacopoeial requirements for TOC and conductivity for Purified Water and Water For Injection.

- TOC, Uncompensated Conductivity and Temperature from just one analyzer – can be fully calibrated and validated to USP<643> and USP<645>

- Low cost of ownership – 12 month service and calibration intervals

- Root-cause analysis support – water sample automatically taken if there is a TOC excursion

- All SOPs are pre-loaded into the PAT700, leading users step-by step with on-screen pictures and prompts

Documentation and Application Notes

KTO: PAT700 TOC with Quick Connect FTG

Product No: PAT700400

PAT700 TOC with Conduit Fittings

Product No: PAT700100

PAT700 TOC Dual Stream

Product No: PAT700425

PAT700 TOC Dual Stream

Product No: PAT700420

ANATEL PAT700 TOC Analyzer Features

Low cost of ownership

- 12 month service intervals supported by auto-switching Main and Standby UV oxidation lamps with UV output monitoring

- No chemicals/reagents required – PAT700 just uses strong UV lamps to oxidize TOC

- No peristaltic pump tubing or pump heads to replace – PAT700 uses water system

pressure to push sample into measurement cell for analysis

Root-cause analysis support

- User can pre-program the PAT700 so that at a pre-determined TOC level, it will capture a water sample which can then be later analyzed in the QC Lab to assist root cause analysis should a TOC excursion be detected
- On-board grab sampler allows the user to take samples from different locations/use points to support root cause analysis
- PAT700 can be fully calibrated and validated for compliance to USP<643> for TOC and USP<645> for conductivity
- Complete oxidation to EP 2.2.44 requirements – the PAT700 ensures complete TOC oxidation through oxidation dynamic end-point detection
- 21CFR part 11 support – everyday users can view TOC and Conductivity results as a Guest without the ability to make any changes to the PAT700. Initial configuration and subsequent changes are protected through multi-level user name and password protection
- Dual-stream version available to demonstrate compliance both at the start and end of water loops simultaneously

ANATEL PAT700 TOC Analyzer Product Specifications

Industry Standards | USP <643>, EP <2.2.44>, 21 CFR Part 11 |

Fluid Compatibility | Purified water, Water for injection (WFI) |

Detection | Differential conductivity |

Reporting | ppb TOC | $\mu\text{S}/\text{cm}$ |

Item Specifications Referenced | PAT700420 |

File: extracted_content_53_20241120202146.txt

URL: <https://www.mybeckman.in/toc-analyzers/qbd1200-plus>

QbD1200+ Laboratory TOC Analyzer

The QbD1200+ TOC Analyzer is designed to make testing simple, reproducible and intuitive. Offering simplified validation and reporting on encrypted data, it is designed to support 21 CFR Part 11 requirements and major global pharmacopeia regulations: USP, EP, JP, IP, KP. The QbD1200+ TOC Analyzer features a digital non-dispersive infrared sensor (NDIR) with auto-correct drift to ensure long-term stability. It delivers reliable and reproducible results with control of the UV reactor temperature, dynamic endpoint detection and reduced sample-to-sample carryover. To help minimize maintenance and simplify workflows, 7 different sensors enable automatic system checks each time the instrument is powered on and monitor the instrument continuously.

QbD1200+ TOC Analyzer Features

Peace of Mind

- Complies with USP, JP, EP, IP, KP, ICH
- IQ/OQ/PQ Qualification Routine
- Digital NDIR sensor enabling auto-correct drift
- Reduces sample-to-sample carryover
- Simplified reporting, encrypted data, secure protocol

Simplify Workflows

- Automated calibration in 120 mins
- Automated system checks to minimize maintenance
- Simplified Validation
- Auto-range and auto-dilution of concentrated samples
- User-defined carrier-flow gas rate
- One reagent for all analysis

Low Total Cost of Ownership

Reliable Analysis Made Simple... plus so much

Application Notes

- Background Subtraction
- Method Overview
- Overload Recovery
- One Reagent Solution Prep
- Pharmaceutical Quality by Design

Primary Part number is not valid

File: extracted_content_54_20241120202153.txt

URL: <https://www.mybeckman.in/flow-cytometry/clinical-flow-cytometers/navios-ex>

Powerful, Dependable Flow Cytometer

Strong and stable cytometer performance is fundamental when analyzing important clinical samples as every event matters. Designed specifically for the clinical laboratory the NAVIOS EX 10-color flow cytometer delivers proven reliability and stability performance with improved sample traceability and reporting functions.

This next generation cytometer leverages the advanced optics and laser technology of our award-winning CytoFLEX* research flow cytometer to provide clear, accurate population resolution for advanced cytometry applications, standardizes workflows for high throughput laboratories and delivers comparable results across multiple sites.

To ensure clinical labs have the confidence to meet today's rigorous quality assurance obligations the Navios EX has two optional ready-to-use IVD reagent systems, the Navios Tetra System for simultaneous identification and enumeration of T, B and NK lymphocytes and the ClearLLab 10C System – the first FDA cleared and CE marked integrated leukemia and lymphoma immunophenotyping system.

- Laboratory Information System (LIS) bi-directional interface manages test orders, creates work lists automatically, minimizes manual data entry, tracks samples throughout the testing process, and eliminates transcription errors in the reporting process.
- The powerful lasers and integrated optics from the company's CytoFLEX* instrument provide clear, accurate population resolution. With two different forward scatter angles, the Navios EX offers the flexibility of small particle detection as well as dim fluorescent population analysis.
- Automates the standardization workflow using target channels to enable consistent results over time as well as across sites using shared targets.

- Up to 12-parameters for identification of populations in complex advanced applications** with 10-color IVD capability to collect additional information from your user defined assays.
- Compatible with Windows 10
- Mean time between failure (MTBF) of 200 days, less than 1 unplanned service call per year
- Thermoregulation system maintains the optical area at a consistent temperature, assuring reliable data while limiting laser downtime and maintaining compensation settings

4-way Sample identification

- Built-in bar code scanner allows for identification of Carousel number, tube location, and tube barcode verified to worklist
- Constant sheath pressure for consistent acquisition rate

Reporting functions

- QC Monitoring: create custom QC products and track; alignment bead and an assay specific bead product (FlowSet)

Tube Carousel, 32 positions

Product No: 6806734

- Product Name Tube Carousel, 32 positions

Navios EX Software v2.0, 5-User License

Product No: B91239

- Product Name Navios EX Software v2.0, 5-User License

Navios EX tetra Software

Product No: B91240

- Product Name Navios™ EX tetra Software

Navios EX Software v2.0, 1-User License

Product No: B91238

- Product Name Navios EX Software v2.0, 1-User License

Navios EX System, 10 colors/3 lasers (5+3+2 configuration)

Product No: B83535

- Product Name Navios EX System, 10 colors/3 lasers (5+3+2 configuration)

- Status CE,IVD

Navios EX Upgrade from 6 Colors to 10 Colors

Product No: B88782

- Product Name Navios EX Upgrade from 6 Colors to 10 Colors

Navios EX Upgrade from 6 Colors to 8 Colors

Product No: B88781

- Product Name Navios EX Upgrade from 6 Colors to 8 Colors

Navios EX Upgrade from 8 Colors to 10 Colors

Product No: B88783

- Product Name Navios EX Upgrade from 8 Colors to 10 Colors

Navios EX Flow Cytometer Specifications

Item Specifications Referenced | B83535 |

* For Research Use Only. Not for Diagnostic Purposes

** Navios EX is CE marked for 10-color in-vitro diagnostic use. In U.S., Navios EX is intended for use as an in vitro diagnostic device for immunophenotyping with Navios tetra software

and CYTO-STAT tetraCHROME reagents and ClearLLab 10C system. All other uses are for research use only.

File: extracted_content_55_20241120202158.txt

URL: <https://www.mybeckman.in/my-account/dashboard>

By pressing Login, I attest that I am an authorized user of this application. User verification required.

File: extracted_content_56_20241120202203.txt

URL: <https://www.mybeckman.in/events/twb-2024>

TWB & Beckman University: Innovation and Biomanufacturing

Share this event

About the Event

We are delighted to invite you to our exclusive event, TWB & Beckman University:

Innovation and Biomanufacturing. We will explore biomanufacturing and its groundbreaking applications, from strain development to fermentation processes.

This event provides attendees with valuable insights into biomanufacturing processes and offers hands-on experience with innovative equipment. We will cover advanced analytical platforms for life science research, providing technology solutions.

Save the Date

Lectures: November 28, 14:00 hrs to 18:00 hrs CET

Workshop (hands-on experience): November 29, 9:00 hrs to 12:00 hrs CET

Take the opportunity to network with like-minded professionals and hear from industry leading speakers:

- Toulouse White Biotechnology, Scaling-up using the BioLector XT Microbioreactor
- Evotec, Automated Plasmid Extraction
- Ferments du Futur, Microfermentation for strain screening to target food applications
- Toulouse Biotech Institute, Application of the Echo acoustic liquid handler in Synthetic Biology workflows
- OnCyt, Automated Online Flow Cytometry Solution to analyze Bacterial Communities

We will have hands-on workshops featuring state-of-the-art solutions used in biomanufacturing applications:

Experience the precision and efficiency of acoustic liquid handling technology for various laboratory applications.

Gain insights into the real-time monitoring and analysis of microbial growth and bioprocess parameters.

Discover the power of high-resolution flow cytometry in analyzing and characterizing cell populations, as well as Automated Online Flow Cytometry Solutions.

Accurately detect particles regardless of shape, structure, or optical properties, in aqueous or non-aqueous samples.

Discover a wide range of high-quality genomic reagents to support your research need
Be at the forefront of the bio-revolution and reserve your seat today!
These products are not intended or validated for use in the diagnosis of disease or other conditions.
ECHO is a trademark or registered trademark of Labcyte Inc. in the United States and other countries. Labcyte is a Beckman Coulter company.

File: [extracted_content_57_20241120202208.txt](#)

URL: <https://www.mybeckman.in/cell-culture-workstation>

Automated Cell Culture and Clone Ranking Systems

Monoclonal antibody therapies: their importance in the pharmaceutical market cannot be overstated. As the demand for new therapeutic antibodies continues to grow, more efficient development of stable cell lines becomes increasingly crucial. With the race against time to bring new therapies to patients for, among other things, cancer and autoimmune diseases, expediting time-to-market is vital. And that requires faster, more effective clone screening.

File: [extracted_content_58_20241120202212.txt](#)

URL: <https://www.mybeckman.in/microbioreactor>

The stand-alone and integrated microbioreactors from Beckman Coulter Life Sciences help to accelerate the screening of microbial strains, media and bioprocess conditions with real-time evaluations of biomass, fluorescence, pH value, dissolved oxygen, and other key cultivation parameters. Enjoy the benefits of automated sample draws and liquid transfers, easy data analysis and increased walk-away time.

File: [extracted_content_59_20241120202216.txt](#)

URL: <https://www.mybeckman.in/my-account/my-orders>

By pressing Login, I attest that I am an authorized user of this application. User verification required.

File: [extracted_content_5_20241120201708.txt](#)

URL: <https://www.mybeckman.in/liquid-handlers/biomex-i-series-automated-workstations>

Biomek i-Series Automated Workstations

Tip-Based Automated Liquid Handling Solution

Boost Your Research Efficiency

Accelerate your research with Biomek i-Series Automated Workstations for:

Drug Discovery

Functional Screening

Synthetic Biology

Proteomics

Next-Generation Sequencing

Functional Screening

Synthetic Biology

Proteomics

Explore Our Portfolio of Biomek i-Series Automated Workstations

Transform Your Research with Biomek i-Series Automated Workstations

Experience unparalleled flexibility and user-control. Take advantage of our adaptable technology that can scale and grow with your lab's requirements. Easily customize sample sizes, reagent volumes, labware, device integrations and supplemental steps to transform your workflows.

Achieve reliability with force tip loading and faster response time thanks to our on-deck cameras that offer live broadcasting and on-error video capture. Reduce contamination risks with our protective enclosures. Maximize your instrument uptime and workflow efficiency.

Ease of Use

Simplify complex workflow execution, reduce hands-on time and errors with the intuitive Biomek Method Launcher. Take advantage of SAMI software for scheduling and process management. Save precious time by automating your workflows while preserving current protocols and utilizing your preferred chemistries and kits.

What Researchers Are Saying About Biomek i-Series Automated Workstations

Resources: Explore the Possibilities

These products are not intended or validated for use in the diagnosis of disease or other conditions.

File: extracted_content_60_20241120202221.txt

URL: <https://www.mybeckman.in/liquid-handlers/software/echo/plate-audit>

Echo Plate Audit Software

Audit Sample Libraries Before Transfer

Echo Liquid Handlers acoustically measure the characteristics of a sample or reagent prior to transfer. Echo Plate Audit uses the Echo system's ability to acoustically analyze fluids to visualize, track, and compare the characteristics of samples within or across plates.

Information reported from Echo plate audit can be stored in a library to compare changes to samples over time. Measure and monitor sample characteristics:

- View composition and volume of fluid in every well
- Identify changes in well composition or volume over time
- Set custom rules to designate plates as passing or failing
- Generate pick lists based on analysis results to select wells for transfer or replenishment
- Import passing/failing status into TEMPO Automation Control Software to automatically qualify plates for runs on the Access Laboratory Workstation

Echo Plate Audit Features

Echo Plate Audit Specifications

Description | Specifications |

Microsoft® Windows 7 (32-bit or 64-bit), or Microsoft® Windows 10 64-bit (Windows 7 compatibility mode); Windows.Net Framework 4.62 or greater |

CPU | Intel® Core™ i5 or later |

Memory | 4 GB or greater |

Network connection | 10/100/1000 BaseT (2 network connections are required) |

Network protocol | TCP/IP |

Hard drive | 4 GB Free Space Available |

Echo Client Software | 2.6 or later |

Echo.Net Framework | 1.7 or later |

File: extracted_content_61_20241120202229.txt

URL: <https://www.mybeckman.in/flow-cytometry/clinical-flow-cytometers/aquios-cl>
AQUIOS CL

The AQUIOS CL is the first true Load & Go flow cytometer, combining sample preparation and analysis in one platform while optimizing the usage of limited laboratory space. With the intuitive technology that requires less training it increases productivity while reducing error-prone steps.

- Improve handling of potentially biohazardous sample material through cap piercing
- Increase productivity with high-throughput performance
- Enable full traceability through barcoded reagents and LIS connectivity
- Benefit from a Windows 10 operating system

Automate Your Workflow

True load and go workflow automation on the AQUIOS CL allows you to run standardized IVD cleared assays for lymphocyte subset analysis. AQUIOS Designer Software (ADS) 2.0 additionally allows the usage of customized reagents to automate user-defined tests.

AQUIOS Tetra Reagents

With the AQUIOS Tetra Reagents you have an intuitive lymphocyte subset analysis. Running the analysis on the single platform technology of the AQUIOS CL allows the simultaneous identification and enumeration of T, B, and NK lymphocytes without the need for counting beads.

Using Pan Leukogating on the AQUIOS, the CD4 absolute count is directly derived from the fluorospheres run with the assay in a single platform. It only uses two antibodies while providing better population separation.

The AQUIOS STEM System is the evolution of the gold standard for CD34 enumeration. The automation and traceability features of the AQUIOS CL provides the option to adapt panels to sample types while staying IVD compliant and remaining easy to use.

The AQUIOS Designer Software allows you to combine your user-defined assays with the Load & Go automation features of the AQUIOS CL. You can create user-defined tests, adapt sample preparation to your specific needs as well as implementing user-defined control

material.

NOT ALL PRODUCTS ARE AVAILABLE IN ALL COUNTRIES.

PRODUCT AVAILABILITY AND REGULATORY STATUS DEPENDS ON COUNTRY

REGISTRATION PER APPLICABLE REGULATIONS. To check if the product is available in your country, please contact your local sales representative or create a request.

File: extracted_content_62_20241120202235.txt

URL: <https://www.mybeckman.in/events/afc-2024>

Share this event

About the Event

In 2024, Marseille has the honor of hosting the annual congress of the French Cytometry Association. This event will be held from Tuesday 17 to Thursday 19 December 2024 and will take place at the Palais du Pharo, overlooking the entrance to the Vieux Port, under the benevolent gaze of Notre Dame de la Garde. The scientific program will offer a wide range of conferences highlighting key themes of Marseille research: oceanography, microbiology, extracellular vesicles, immunology and oncology. Their common point is the use of cutting-edge technologies allowing high-throughput multiparametric analyses at the single cell scale, tools at the heart of innovation in biomedical research.

File: extracted_content_63_20241120202240.txt

URL: <https://www.mybeckman.in/order-tracking>

If you are not logged in and want to lookup and order status quickly, please select one of the options below to get a brief summary of an order's status. If you have an account with beckman.com and would like to see more details related to an order or your account's order history, please visit my orders.

File: extracted_content_64_20241120202245.txt

URL: <https://www.mybeckman.in/centrifuges>

Buy more, save more, with bundled instruments.

There is a lot to consider when starting a new company, moving your lab, or adding additional lab space. As your partner in science, we can help you determine the right instruments for needs. In the meantime, browse some of our most popular centrifuges for new labs.

File: extracted_content_65_20241120202254.txt

URL: <https://www.mybeckman.in/flow-cytometry/clinical-flow-cytometers/dxflex>

DxFLEX Flow Cytometer

The DxFLEX Flow Cytometer streamlines high-complexity testing with a 13-color* capability and new detector technology for easier compensation. Our innovative APD (avalanche photodiode) detectors offer advanced sensitivity and improve your diagnostic accuracy and keep your lab at the forefront of clinical flow cytometry.

High-Complexity Testing Made Easy

- Simplified compensation procedure (gain-independent compensation)
- More information per tube with up to 13 colors*

Advanced Sensitivity and Resolution

- Separation of dim populations
- Easier and robust gating

Compact Design

*In the US, the DxFLEX flow cytometer is cleared for 10-color in vitro diagnostic use with the ClearLLab 10C Reagent System. Fluorescence channels FL11-FL13 and all other applications are for Research Use Only.

DxFLEX Flow Cytometer Features

A compact design, intuitive software, up to 13-color detection and an enhanced optical path for increased sensitivity ensure accurate results and makes flow cytometry data collection easy even for novice users.

Simplified compensation

The gains of the APD detectors used in the DxFLEX flow cytometer can be calibrated for a linear response – leading to the predictability of the signals.

- A Compensation matrix obtained at one gain setting can be used to recalculate the matrix for experiments at different gain settings that are in the linear range.

Advanced sensitivity and resolution

One hallmark of APD detectors is the high quantum efficiency in excess of 80%, especially for red / far red wavelengths. Higher quantum efficiency leads to less noise and reduced data spreading.

- Higher sensitivity and resolution help reduce dependency on the panel design.

Analyze millions of cells per run

The DxFLEX flow cytometer helps you to analyze large cell populations with up to 25M events/file and 30K events/sec.

- Find the "needle in the haystack."

Bi-directional LIS connectivity for transferring Specimen ID and test request from the LIS to the DxFLEX instrument, and sending results back to the LIS.

- Full connectivity for the digital world.

Introducing the DxFLEX Flow Cytometer

Learn more about the DxFLEX System

Streamline Leukemia and Lymphoma* Analysis

* For Non-Hodgkin's lymphoma only

File: extracted_content_66_20241120202301.txt

URL: <https://www.mybeckman.in/liquid-handlers/echo-acoustic-liquid-handlers>

Echo Acoustic Liquid Handlers

Tip-Less and Contact-Free Automated Liquid-Handling Solution

Revolutionize Your Liquid Handling

Achieve unparalleled precision and reproducibility in your experiments with our tip-less and contact-free Echo Acoustic Liquid Handler - ideal for use in:

Functional Screening

Synthetic Biology

Drug Discovery

Functional Screening

Synthetic Biology

Explore Our Portfolio of Echo Acoustic Liquid Handlers

- DMSO-based transfers
- Echo-qualified acoustic reservoir source compatibility
- 1536 well Echo-qualified source and assay plate compatibility
- Acoustic Tube Ready**

*650 series instruments integrated with Access SRS, DRS systems

Transform Your Research With the Echo Acoustic Liquid Handler

Accurately and reliably transfers a wide range of fluids using ADE* and DFA* technologies. Allows for precise, contact-free acoustic transfers in volumes as small as 2.5 nL. The Echo 650 Series can lower assay replicate requirements through increased assay precision.

Fast & Efficient

Allows for fast any-well-to-any-well transfers, enabling previously hours-long DNA/RNA normalization, barcoding, and pooling of libraries down to minutes-scale. This makes it an effective tool for optimizing your workflow.

Sustainable and Cost-Reducing

Decreases plasticware costs by 75% per year through reduced reaction volumes and dramatically reduced dependency on single-use plastic pipette tips. Lower your plastic waste and reduce your carbon footprint!

*ADE – Acoustic Droplet Ejection, DFA – Dynamic Fluid Analysis

What Researchers are Saying About Their Echo Acoustic Liquid Handlers

Resources: Explore the Possibilities

These products are not intended or validated for use in the diagnosis of disease or other conditions.

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File: extracted_content_67_20241120202307.txt

URL: <https://www.mybeckman.in/cell-counters-and-analyzers/vi-cell-metaflex>

Speed, Reliability, Low Sample Volume

Measuring samples as small as 65 µL and returning results in just 35 seconds, our new Vi-CELL MetaFLEX bioanalyte analyzer evaluates pH, pO₂, pCO₂, glucose, lactate, electrolytes and more. With less maintenance, more reliability and a surprisingly small footprint, it's a sophisticated research solution that profiles test samples quickly, easily and accurately—keeping your test cell cultures in balance, viable and growing.

The MetaFLEX Analyzer is available in selected geographies. The MetaFLEX analyzer is part of the Vi-CELL platform of products. Please check with your Beckman Coulter representative for availability.

Inlet Connector Gasket

Product No: B94699

Inlet Gasket with Holder

Product No: B94696

Backflush Device (905-918)

Product No: B94722

tHb CALIBRATION (4 AMP.)

Product No: B93035

Thermal Paper, 1 Roll

Product No: B97800

Product No: B97759

Product No: B94697

Product No: B93015

Vi-CELL MetaFLEX Bioanalyte Analyzer Features

- Results in 35 seconds*
- 23.5 hours per day average uptime**

*May vary during startup

**May vary during startup (2.5 min for system calibration is longest activity)

Quality Management

- 3 dedicated QC solutions
- Continuous system & analysis checks
- Automatic lockout of parameter(s) that fail QC

Applications

Ideal for micro to large scale cell culture applications, the Vi-CELL MetaFLEX is designed for rapid and accurate bioanalyte analysis.

Vi-CELL MetaFLEX Product Specifications

Item Specifications Referenced | B93015 |

File: extracted_content_68_20241120202312.txt

URL: <https://www.mybeckman.in/liquid-handlers/software/sami-process-management>

SAMI Process Management

Chart and manage user-defined processes with SAMI Process Management Software—a calendar-based organizational tool for adding, monitoring and planning SAMI EX methods and other workflow events.

- Integrates long-running processes with SAMI EX methods into a centralized, visual workflow management tool

- Labware locations, data and process data stored & easily accessible in reports

Interested in learning more? Contact a sales representative today for additional information.

File: extracted_content_69_20241120202318.txt

URL: <https://www.mybeckman.in/air-particle-counters/met-one-hhpc-plus-series>

MET ONE HHPC+ Handheld Air Particle Series

MET ONE HHPC+ Series handheld particle counters allow easy ISO Class 5 to 7 monitoring in hard-to-reach places. Lightweight with a high-resolution display, these handheld counters are ideal for routine monitoring of controlled environments and mini-environments, easy filter leak troubleshooting for particle-contamination issues, spot-checking critical areas, and targeting particle generation within process equipment.

- ISO 14644-1 industry standard

- Single-hand operation

- PC access to particle counting data via Ethernet, USB, or cable for data transfer options

MET ONE HHPC 6+ Handheld with Case and Charge Cradle

Product No: 2089311-01

Product No: 2089310-06

Zero Count Purge Filter, 0.1 CFM for HHPC+

Product No: VP212808

MET ONE Hand Held Air Particle Counter (HHPC) Features

- ISO 14644-1 Class 5 (FED STD Class 100 or higher) compliant sampling

- Counting efficiency to ISO 21501-4

- Zero count level to JIS B9921

- On-the-spot process profiling for fast particle event tracking

- Easy network connectivity for 21 CFR Part 11 compliance

- Store up to 10,000 records

- Convenient charge cradle for access to particle counting data via Ethernet or USB cable

- Data download via Ethernet

- Connectivity through USB and memory card

- Easy-to-read high resolution display

- Slim & lightweight design (0.7 kg) for single-hand use

Applications

- Routine monitoring in high-tech manufacturing & GMP-regulated cleanrooms

- Particle contamination troubleshooting in critical processing areas
 - Spot checking & troubleshooting in mini-environments & workstations
- Product Specifications
- Performance | ISO 14644-1 class 5 compliant 0.3 μm samples in a minute |
- Industry Standards | 21 CFR Part 11, ISO 14644-1:2015, CE, FCC |
- Throughput | 2.83 L per minute |
- Zero Count | Conforms to JIS B9921 (1 count or less in 5 min; 95% UCL) |
- Counting Efficiency | 50% at 0.3 μm (100% for particles > 0.45 μm) |
- Count Alarms Display and Cycles | User-defined alarm counts, Raw counts: N/CF, N/CM, N/L in cumulative or differential mode |
- Item Specifications Referenced | 2089310-06 |

File: extracted_content_6_20241120201713.txt

URL: <https://www.mybeckman.in/centrifuges/analytical-ultracentrifuges>

Macromolecule characterization in solution

Analytical ultracentrifugation is the most versatile, rigorous and accurate means for determining the molecular weight, hydrodynamic and thermodynamic properties of a protein or other macromolecule. Currently, there is no other technique capable of providing the same range of information with a comparable level of precision and accuracy.

Want to learn more about Analytical Ultracentrifugation?

- Get an in-depth view into AUC with our Resources Section.
- Gain valuable insights into the advantages of AUC with these on-demand webinars.

File: extracted_content_70_20241120202326.txt

URL: <https://www.mybeckman.in/cell-counters-and-analyzers/multisizer-4e>

The Multisizer 4e particle sizer and counter is the most accurate and flexible particle characterization device available, boasting an unparalleled sizing range of 0.2 - 1600 μm . The new 10 μm Aperture allows users to study sub-cellular and micro-particles as small as 200 nm, while the advanced noise reduction system for small apertures improves measurement accuracy.

Generated data are processed using patented digital pulse processing technology and can be saved and later re-analyzed. This technology provides ultra high resolution and accuracy unattainable through any other technologies: detection of 1 particle in 1 ml of a sample with the optimal instrument configuration. Analysis results are not dependent on particle shape, structure, or optical properties.

It uses the Coulter principle to detect particles via electrical zone sensing, regardless of the particle's nature or optical properties. This makes it an ideal tool for detecting and counting a wide variety of particles, such as:

- Yeast
- Spheroids

Additional Multisizer 4e Resources

- Brochure: Multisizer 4e Particle Sizing and Counting
- Application Note: Optimizing the Multisizer 4e for Use with Small Apertures
- Application Note: Biological Applications for Multisizer
- Application Note: Analyzing Mussel/Mollusk Propagation
- Application Note: Cellular Analysis Using the Coulter Principle
- Aperture sizes from 10 µm - 2000 µm in diameter for current & future needs
- Multiple aperture options & data overlay capability for analyzing complex samples over wide particle size distribution

Sample Detection

- Detect particles regardless of material type or optical properties

Rapid Particle Counting

- Typical sampling rates up to 10,000 counts per second
- Detect & count particles from 0.2 µm - 1600 µm in diameter
- Digital pulse data can be stored & re-analyzed as needed
- CFR 21 Part 11 compliant software for audit control & security
- Variety of calibration beads & V-check validation controls

Explore Multisizer 4e Coulter Counter Models

Product No: C72518

Product No: C72515

Product No: C72514

Product No: C72513

L10 Standard, nominal 10µm, Latex Particle (NIST Traceable), 1 x 15 mL

Product No: C72516

Product No: 8320979

Multisizer 4e Instrument with 100 µm Aperture Tube

Product No: B23005

Product No: C96980

Multisizer 4e Coulter Counter Specifications

Item Specifications Referenced | 8320979 |

[File: extracted_content_71_20241120202331.txt](#)

URL: <https://www.mybeckman.in/flow-cytometry/cell-sorters/moflo-astrios-eq>

As of the end of 2023, Beckman Coulter Life Sciences no longer sells the MoFlo Astrios cell sorter.

Service contracts are still offered for current users, please contact your local Beckman Coulter Life Sciences representative.

Win10 upgrades for MoFlo Dell workstations also remain available.

Web resources for Astrios applications and other information remain available as a reference resource.

For your current cell sorter needs, please consider the CytoFLEX SRT, available in multiple optical configurations.

Simplify your most complex sorting tasks with the Astrios EQ Series of high-speed flow cytometry sorters. The Astrios EQ and EQs deliver powerful sorting capability while reducing complexity.

- Available with up to 7 spatially separated lasers and 51 parameters
- Six-way jet-in-air proficiency
- Dual forward scatter (EQ) and single forward scatter (EQs) models
- Features [patent] enhanced Forward Scatter (eFSC) technology

Simplify your most complex sorting tasks with the Astrios EQ Series of high-speed flow cytometry sorters. The Astrios EQ and EQs deliver powerful sorting capability while reducing complexity.

- Available with up to 7 spatially separated lasers and 51 parameters
- Six-way jet-in-air proficiency
- Dual forward scatter (EQ) and single forward scatter (EQs) models
- Features [patent] enhanced Forward Scatter (eFSC) technology

Optics

- 7 laser / 7 pinhole configurable system; 355 nm, 405 nm, 488 nm, 532 nm, 560 nm, 592 nm, 645 nm.
- Single Multi-Laser Shaping Optic (MLSO) for fiber-coupled lasers
- Flat-Top beam profile on fiber coupled lasers increases beam stability and alignment ease
- 7 lasers aligned through two alignment stages for quick sorter set up

Performance

- IntelliSort II: Beadless drop delay determination and monitoring
- 6-way sorting with a variety of collection devices (temperature control for all sort outputs available with water bath option)
- Reproducibly sort up to 1536-well plates (due to historically stable fluidics)
- Only sorter capable of 70,000 sort decisions/second validated performance

Electronics and Software

- Electronic capability to simultaneously detect 44 parameters
- > 100,000 events/second acquisition rate validated performance
- 1 billion events .fcs files with no parameter limit
- Up to 2 FSC channels including user-selectable FSC masks
- Optional additional SSC detection off each wavelength greater than or equal to 405 nm
- Custom Baker SterilGARD BSL2 cabinet
- Single turnkey aerosol evacuation direct from sorter sort chamber to HEPA enclosure
- Quick release nozzle design for easy access to nozzle tip
- CyClone plate arm with wiper seals back of sort chamber

MoFlo Astrios EQ Cell Sorter Specifications

Regulatory Status | RUO |

Sorting Performance | Configurable with 355, 405, 488, 532, 561, 592, 640 nm lasers |

File: extracted_content_72_20241120202336.txt

URL: <https://www.mybeckman.in/liquid-handlers/software/biomex-powerpack>

Experience workflow intelligence at every step with advanced PowerPack tools designed to make programming data-intensive methods easy.

- Normalization SuperStep takes sample concentration data and combines it with the ability to normalize original wells or create daughter plates at the requested concentration
- Hit-picking SuperStep determines which wells to transfer & assign while performing the most challenging aspects of a hit-picking protocol
- Project Synchronization Utility manages reports & synchronizes changes among projects (change owner, timing)
- Additional features include HTML prompting, extended data reporting & enhanced alarm functionality

Interested in learning more? Contact a sales representative today for additional information.

File: extracted_content_73_20241120202341.txt

URL: <https://www.mybeckman.in/centrifuges/rotors/near-vertical-angle>

Near-Vertical Rotors

Near-vertical rotors feature a short pathlength, fast run time, and excellent resolution.

Near-vertical tubes are slightly off vertical, between 7.5°– 9° off. This creates a shorter path length for the isolation to occur. The shorter path length means a shorter separation time.

The slight angle pushes the pellet to the bottom of the tube, so that when the run stops, the solutions aren't in contact with the pelleted contaminants.

[Click here to see the New Intellifuge Calculator in action.](#)

File: extracted_content_74_20241120202347.txt

URL: <https://www.mybeckman.in/about-us/global-privacy-notice>

Effective Date: August 18, 2022

Last Updated: January 18, 2023

ABOUT THIS POLICY

Beckman Coulter Life Sciences values your privacy and the protection of your personal data. This policy ("Policy") explains how Beckman Coulter Life Sciences its affiliates, subsidiaries or related companies, a full list of which can be located here (together, "Beckman Coulter Life Sciences Sites", "our", "us", or "we"), collects, uses, shares, transfers and processes data collected from or about you.

"Personal Data" is any information that can be used to directly or indirectly identify an individual or that can be reasonably expected to link to an individual. This can include items such as name, address, telephone number, credit card details, email address, ID number, Internet Protocol ("IP") address of an electronic device used by an individual, or other identifying code (even absent of other identifying information). Statistical and non-

identifiable metric data are not considered Personal Data.

The Beckman Coulter Life Sciences subsidiary, affiliate or related company with which you interact is, where applicable, the data controller (or equivalent under applicable law) responsible for the processing of your Personal Data. You can find a list of the relevant legal entities that act as data controllers in Appendix 1 to this Policy.

This Policy describes the types of Personal Data that we may collect, process or disclose about you and how you may govern this processing by exercising applicable legal rights. This Policy applies to both online and offline information collection, including your use of websites or subdomains operated by us, any mobile applications, when we provide products and/or services to you or notify you about prospective items of interest and in other situations where you interact with us in-person, by telephone or by mail where this Policy is posted or referenced.

There may be occasion where you have been provided with a circumstance-specific privacy notice that is separate from this policy, such as privacy notices for specific activities such as Recruitment. To the extent you were provided with a different notice, those notices apply and govern our interactions with you. If you provide Personal Data about parties other than yourself, you are responsible for ensuring their knowledge of how we will process their personal data, and, where applicable, obtaining any necessary consents required in advance.

We are committed to processing Personal Data in accordance with applicable laws. Please note that if you do not wish to provide your Personal Data to us, some products and/or services may become unavailable to you. Your use of any or all these platforms indicates you have been notified of our collection, use, transfer, and disclosure of your information as described in this Policy to the extent permitted by applicable law.

YOUR INFORMATION

We connect with individuals for many different reasons. Those interactions may result in us directly or indirectly gaining access to Personal Data about you. The below table summarizes how we may collect, process, and use Personal Data, our legal basis for processing your information, and the potential recipients of your information. Please note, not all instances may be applicable in all circumstances.

GENERAL CATEGORIES OF PERSONAL DATA COLLECTED

The below table denotes the categories and sources of Personal Data that may be processed under this Policy in addition to the purposes and legal bases for such processing. Please note that the items contained within this table may be shared, received or processed by Beckman Coulter Life Sciences, our partners that assist us in providing the products or services or help us improve our marketing or administration, Healthcare Practitioners (“HCPs”), patients, persons with the legal right to access the Personal Data and Parties involved in potential business transactions.

Identity and Contact Information | |||

Examples of Personal Data Processed | Sources of Personal Data | Purpose of Processing the Personal Data | Legal Basis for Processing the Personal Data |

First and last name, email address, postal address, phone number, job title, professional license numbers, account username and password, IP address, and national provider

identifier or state license number | Directly from you; from your devices; from our business partners; from publicly available sources; from your HCP; from your patients; from other subsidiaries, affiliates or related companies of Beckman Coulter Life Sciences as detailed here | To provide you with our products and services; to communicate with you; to identify and authenticate you; to customize content for you; to detect security incidents; to protect against malicious or illegal activity; to offer or provide our products and services; to ensure the appropriate use of our products and services; to improve our products and services; for short-term, transient use; for administrative purposes; for marketing, internal research, and development; and/or for quality assurance | For the purposes of our legitimate interests; in the public interest; to comply with a legal obligation; to perform a contract; to protect vital interests; for the purposes of assisting medical treatment and/or diagnosis; promoting quality and safety of medical products/ services/devices; in circumstances where we have requested and received consent; and for other purposes that may be required or allowed by law dependent upon the type of Personal Data |

Demographic Information | |||

Examples of Personal Data Processed | Sources of Personal Data | Purpose of Processing the Personal Data | Legal Basis for Processing the Personal Data |

Age, gender, marital status, disability, and date of birth | Directly from you; from your devices; from our business partners; from publicly available sources; from your Healthcare Practitioner; from your patients; from other subsidiaries, affiliates or related companies of Beckman Coulter Life Sciences as detailed here | To provide you with our products and services; to communicate with you; to identify and authenticate you; to customize content for you; to detect security incidents; to protect against malicious or illegal activity; to ensure the appropriate use of our products and services; to improve our products and services; for short-term, transient use; for administrative purposes; for marketing, internal research, and development; and/or for quality assurance | For the purposes of our legitimate interests; in the public interest; to comply with a legal obligation; to perform a contract; to protect vital interests; for the purposes of assisting medical treatment and/or diagnosis; ensuring quality and safety of medical products/services/devices; in circumstances where we have requested and received consent; and for other purposes that may be required or allowed by law dependent upon the type of Personal Data |

Commercial and Financial | |||

Examples of Personal Data Processed | Sources of Personal Data | Purpose of Processing the Personal Data | Legal Basis for Processing the Personal Data |

Transaction records, products and services (purchased, obtained, or considered), requested documentation, customer service records, financial transaction history, transfers of value, and financial account number | Directly from you; from your devices; from our business partners; from publicly available sources; from your Healthcare Practitioner; from your patients; from other subsidiaries, affiliates or related companies of Beckman Coulter Life Sciences as detailed here | To provide you with our products and services; to communicate with you; to identify and authenticate you; to customize content for you; to detect security incidents; to protect against malicious or illegal activity; to ensure the appropriate use of our products and services; to improve our products and services; for short-term, transient

use; for administrative purposes; for marketing, internal research, and development; and/or for quality assurance | For the purposes of our legitimate interests; in the public interest; to comply with a legal obligation; to perform a contract; in circumstances where we have requested and received consent; and for other purposes that may be required or allowed by law dependent upon the type of Personal Data |

Professional and Educational Information | |||

Examples of Personal Data Processed | Sources of Personal Data | Purpose of Processing the Personal Data | Legal Basis for Processing the Personal Data |

Job title or position, employer, National Provider Identifier number, work skills, employment history, graduate degree, certification, specialized training, responses to surveys and questionnaires, and enrollment history for our education and training events, LinkedIn profile | Directly from you; from your devices; from our business partners; from publicly available sources; from your Healthcare Practitioner; from your patients; from other subsidiaries, affiliates or related companies of Beckman Coulter Life Sciences as detailed here | To provide you with our products and services; to communicate with you; to identify and authenticate you; to customize content for you; to detect security incidents; to protect against malicious or illegal activity; to ensure the appropriate use of our products and services; to improve our products and services; for short-term, transient use; for administrative purposes; for marketing, internal research, and development; and/or for quality assurance | For the purposes of our legitimate interests; in the public interest; to comply with a legal obligation; to perform a contract; ensuring quality and safety of medical products/services/devices; in circumstances where we have requested and received consent; and for other purposes that may be required or allowed by law dependent upon the type of Personal Data |

Technical Information | |||

Examples of Personal Data Processed | Sources of Personal Data | Purpose of Processing the Personal Data | Legal Basis for Processing the Personal Data |

IP addresses, browser type, browser language, device type, advertising IDs associated with your device (such as Apple's Identifier for Advertising (IDFA) or Android's Advertising ID (AAID)), the date and time you use our products and services, Uniform Resource Locators, or URLs (i.e., website addresses) visited prior to arriving and after leaving our products and services, activity on our products and services and referring websites or applications, data collected from cookies or other similar technologies, and geolocation information | Directly from you; from your devices; from our business partners; from publicly available sources; from your Healthcare Practitioner; from your patients; from other subsidiaries, affiliates or related companies of Beckman Coulter Life Sciences as detailed here | To provide you with our products and services; to communicate with you; to identify and authenticate you; to customize content for you; to detect security incidents; to protect against malicious or illegal activity; to ensure the appropriate use of our products and services; to improve our products and services; for short-term, transient use; for administrative purposes; for marketing, internal research, and development; and/or for quality assurance | For the purposes of our legitimate interests; in the public interest; to comply with a legal obligation; to perform a contract; to protect vital interests; for the purposes of assisting in medical

treatment and/or diagnosis; ensuring quality and safety of medical products/services/devices; in circumstances where we have requested and received consent; and for other purposes that may be required or allowed by law dependent upon the type of Personal Data |

Health Information | |||

Examples of Personal Data Processed | Sources of Personal Data | Purpose of Processing the Personal Data | Legal Basis for Processing the Personal Data |

Information regarding your treatment, including your date of birth, sex/gender, treatment dates, medical history, and treatment information, patient-reported outcome measures (e.g., responses to questionnaires and surveys), X-rays, magnetic resonance imaging, medical scans, user activity, pictures and videos of treatment activities, therapy completion and use details, and communications with your Healthcare Provider and/or patient, including audio and/or video from telehealth sessions, allergy information; Medical Insurance Information and details pertaining thereto. | Directly from you; from your devices; from our business partners; from publicly available sources; from your Healthcare Practitioner; from your patients; from other subsidiaries, affiliates or related companies of Beckman Coulter Life Sciences as detailed here | To provide you with our Products and Services; to communicate with you; to identify and authenticate you; to customize content for you; to detect security incidents; to protect against malicious or illegal activity; to ensure the appropriate use of our Products and Services; to improve our Products and Services; for short-term, transient use; for administrative purposes; for marketing, internal research, and development; and/or for quality assurance | For the purposes of our legitimate interests; in the public interest; to comply with a legal obligation; to perform a contract; to protect vital interests; for the purposes of medical treatment and/or diagnosis; ensuring quality and safety of medical products/services/devices; in circumstances where we have requested and received consent; and for other purposes that may be required or allowed by law dependent upon the type of Personal Data |

HEALTH INSURANCE PORTABILITY AND ACCOUNTABILITY ACT (HIPAA)

If you are a patient based in the US, please note that this Policy is distinct from your Healthcare Practitioner's HIPAA Notice of Privacy Practices, which describes how your HCP uses and discloses individually identifiable information about your health that it collects, as well as any other privacy practices it applies. Personal Data we receive on behalf of your Healthcare Practitioner is not subject to this Policy.

Beckman Coulter Life Sciences may process anonymized/de-identified data. This is data for which the characteristics that can identify you, directly or indirectly, have been removed such that you are no longer identifiable, and this information is no longer considered Personal Data under data protection laws. This includes in the United States the removal of identifiers from protected health information required under HIPAA, 45 CFR § 164.514(b)(2), for such data to be considered deidentified. We rely on our legitimate business interest, scientific or historical research and/or statistical purposes, consent or other purposes that may be required or allowed by law as the legal basis to anonymize Personal Data.

We may also obtain and use certain types of combined data sets such as demographic data

for any purpose ("Aggregated Data"). Aggregated Data may be derived from your personal data but does not directly or indirectly reveal your identity. For example, we may aggregate certain information technology-related data of yours with others' data to calculate the percentage of users accessing a specific feature on our website. We may use Aggregated Data for any purpose without restriction. However, if we re-combine or re-connect Aggregated Data with your personal data so that it can directly or indirectly identify you, we treat the combined data as personal data which will be used in accordance with this Policy.

COMBINING INFORMATION

We combine information we collect on the website with information we receive from you in person, by email, or by other forms of communication. We also combine information you provide with information we obtain from third parties, service providers, publicly available sources and our subsidiaries, affiliates or related companies.

INFORMATION COLLECTED FROM CHILDREN

Our sites and apps are meant for adults. We do not knowingly collect Personal Data from children 17 years old or younger without permission from a parent or legal guardian. If you are a parent or legal guardian and think your child has given us information, you can email or write to us using the details in the "Contact Us" section below.

We may transfer, process, and store your information to the US, Canada, India, European Union member states, the United Kingdom, or other countries. Our affiliates or other third-party service providers may also transfer, process, or store your information in the US or other countries. Our sites and businesses may be subject to US laws, which may not afford the same level of protection as those in your country.

CROSS BORDER DATA TRANSFERS

We may transfer your Personal Data to recipients in countries other than the country in which your Personal Data was originally collected. When we transfer your Personal Data in such a manner, we take steps for your data to be protected consistent with the laws and requirements in your country, including the requirements that apply to cross-border data transfers. We implement appropriate technical and organizational measures to provide a level of security appropriate to the risk of protecting your Personal Data against accidental or unlawful destruction, loss, alteration, unauthorized disclosure or access. As is the case with all websites, applications, products, and services, we unfortunately cannot guarantee security of the data collected at all times.

If we are involved in a sale or transfer of all or some of our business assets or operations via a share or asset transaction, your personal data may be transferred to the acquiring organization who will be required to take at least the same or higher standards of care in the treatment of your Personal Data. Should such a sale or transfer occur, if required by law, you will be informed about this and may withdraw your consent to or, as applicable, instigate any other legally available rights as detailed in the "Rights and Choices" section of this Policy with regards to the processing and use of your Personal Data by the transferee.

COOKIES, WEB BEACONS AND OTHER TRACKING TOOLS

As outlined in the table above your interaction with our websites is an additional source for collecting your information. We may use "cookies", web beacons, and other technologies to help us evaluate and improve the content or functions of the products or services we

provide. We collect your information through several methods:

- Web beacons
- Tracking Cookies
- Analytic Cookies
- Social Media Cookies

Our Cookie Policy provides more detailed information about this topic and how we use cookies to enhance your experience and better serve you.

THIRD PARTY LINKS AND TOOLS

We may link to other sites or apps on our platforms that we do not control. If you click on a third-party link, you will be taken to a platform we do not control. This policy does not apply to the privacy practices of that website or platform. Read other companies' privacy policies carefully. We are not responsible for these third parties. Our site may also serve third party content that contains their own cookies or tracking technologies. We do not control the use of those technologies.

We will retain Personal Data for as long as is necessary to carry out the purposes the Personal Data was collected for or for the period prescribed by applicable laws, whichever is longer. In considering how long to retain your Personal Data the following are considered:

- The potential risk of harm if the data was subject to unauthorized use or disclosure;
- The volume and sensitivity of the Personal Data;
- If circumstances have changed such that the purposes for which the Personal Data was collected can be achieved by other means.

When the retention of your Personal Data is no longer required, we will delete or anonymize the data as per the details provided above.

YOUR RIGHTS AND CHOICES

Some jurisdictions such have provided individuals with rights in relation to the processing of their Personal Data. These rights are not available to everyone, and they do not necessarily apply in all contexts. Depending on the applicable law or the legal basis, you may have the right to:

- Object to the processing of your Personal Data;
- Request access to your Personal Data;
- Request correction of your Personal Data should your Personal Data be inaccurate, incomplete, or obsolete;
- Withdraw your consent to future processing where we processed Personal Data on the basis of your consent;
- Request restrictions on the processing of your Personal Data, including restricting the sale of or sharing of your Personal Data;
- Request the transfer of your Personal Data to yourself or a third party;
- Opt-out of certain transfers to third parties.

To exercise a right that you believe you may be entitled to under applicable law you can contact us directly by submitting a request through this webform. We may need to verify your identity before we fulfill your request or, under applicable law, we may be unable to action your submission. We shall notify you in a timely manner of such decisions or

requirements as necessary.

California Residents. Our California Consumer Rights Notice provides an overview of how consumers in California receive certain privacy rights and protections.

Filing a Complaint. If you are not able to resolve a problem directly with us and wish to make a formal complaint, you can contact your local data protection authority or other enforcement authority.

CONTACT US

If you have any questions about this Policy or our data practices, you can write to us at: Beckman Coulter Life Sciences Attn: Legal & Compliance (Privacy)

Alternatively, you can email us directly at dataprivacy@beckman.com.

From time to time we may change our privacy policies. The most updated copy will be found on our website. Please check our site periodically for updates.

[Click here](#) for a table of applicable controllers and responsible entities.

File: [extracted_content_75_20241120202442.txt](#)

URL: <https://www.mybeckman.in/sitemap-index.xml>

This XML file does not appear to have any style information associated with it. The document tree is shown below.

File: [extracted_content_76_20241120202448.txt](#)

URL: <https://www.mybeckman.in/centrifuges/rotors>

Our extensive rotor portfolio supports labware from microplates and microtubes to 1 liter bottles for your evolving research needs.

Designed for diverse processing applications:

- Diagnostic and Clinical Biology
- Research and Drug Discovery
- Virus and Nanotechnology research

[Click here](#) to see the New Intellifuge Calculator in action

Intellifuge. More Than Just A Rotor Calculator

- Find compatible products or discover new ones
- Compare to make an informed decision

File: [extracted_content_77_20241120202453.txt](#)

URL: <https://www.mybeckman.in/liquid-handlers/software/dart>

DART Software

Manage Complex Data with Little Effort

DART (Data Acquisition and Reporting Tool) is a software package that gathers data and synthesizes runtime information from Biomek log files to capture each manipulation of the sample during the course of the method.

- Eliminates time-consuming and error-prone “cut-and-paste” style management of sample data. DART seamlessly organizes data from Biomek liquid handlers, integrated lab equipment and benchtop devices into a single data source.
 - DART database connectivity means sample data can be shared between methods on a Biomek liquid handler, between separate Biomeks, and LIMS systems.
 - Use DART data to automate workflow decision points like hit picking; DART tracks your samples between plates and moves the data history as well ensuring data continuity.
 - Shorten time to analysis with DART’s fast and easy drag-and-drop report builder.
 - Save data for future use with a native archive tool or interface with your LIMS system.
- DART is built on an enterprise-scale database for scalable storage and retrieval.
Interested in learning more? Contact a sales representative today for additional information.

File: extracted_content_78_20241120202500.txt

URL: <https://www.mybeckman.in/flow-cytometry/software/cytobank-enterprise>

The cloud-based Cytobank data analysis platform is an ideal solution for immunologists and cytometrists who need to quickly gain insights from large datasets while having confidence in their results, reducing subjectivity of their analysis and eliminating error-prone and time-consuming steps. It offers fully integrated and quality-tested tools for advanced cytometry data analysis and statistical evaluation, providing comprehensive workflow coverage and automation.

Enterprise licenses provide access to a private cloud and are designed to meet the needs of larger research teams in institutions, biopharma R&D or clinical research organizations. Different license types are available depending on your needs.

We offer powerful algorithms for automatic data clean up, dimensionality reduction, automated gating, clustering and biomarkers prediction to accelerate your research. Use the Cytobank platform to manage and archive flow and mass cytometry or other single-cell data and to easily collaborate with colleagues across disciplines and geographies from any web-based device.

- Go from raw data to statistical significance in our easy-to-use software
- Leverage Sample Tags to build illustrations for hundreds of files, fast
- Streamline population identification into 2 easy steps with our integrated Automatic Gating algorithm with no additional fees
- Scale by purchasing additional storage space, compute power, or bioinformatics expert services

Cytobank Enterprise Features

Reduce Subjectivity

- Automatically cluster phenotypically similar cells using FlowSOM or SPADE
- Use dimensionality reduction suite algorithms to visualize multidimensional data in a two-dimension plot, facilitating identification of rare biological subsets
- Automatically identify predictive biomarkers with statistical power among groups using CITRUS

- Reduce variability and save time by automating your gating strategy

Data to Insight

- ML-assisted algorithms help discover unexpected phenotypes and create visualizations to present results
- Leverage the compute power of the cloud to run algorithms in parallel, speeding up settings optimization
- Add our data scientists to your team to provide bioinformatics expertise for complex projects
- Cloud-based data archiving and storage, ideal for users who need traceability of analysis results and settings
- Easy user-defined, secure sharing of annotated data and protocols with anyone with a web-enabled device
- Collaborators can work in real-time on the same datasets; changes to experiments are saved instantly on a centralized server

Democratize ML-assisted Analysis

- Made for biologists, no coding or plugins required, visit the Learning Center
- Online knowledge repository full of articles, tips and tricks and support request form for new questions
- Use the Experiment Manager to organize and find your projects, use the tree view to show relationships between experiments

Explore Cytobank Enterprise Licenses

Cytobank Commercial Enterprise License, 10-user, 3-year

Product No: C47400

Cytobank Academic Enterprise License, 10-user, 3-year

Product No: C47402

Cytobank Commercial Enterprise License, 10-user, 2-year

Product No: C47393

Cytobank Commercial Enterprise License, Additional user, 2-year

Product No: C47394

Cytobank Commercial Enterprise License, Additional user, 3-year

Product No: C47401

Product No: C47405

Cytobank Academic Enterprise License, Additional user, 3-year

Product No: C47403

Cytobank Commercial Enterprise License, 10-user, 1-year

Product No: C47386

Cytobank Enterprise Specifications

Compatibility | FCS 2.0, 3.0, and 3.1 files from instrument agnostic. DROP is able to import any numeric data in a text delimited (comma, semicolon, tab) format. |

Plot Types | Contour Plots, Density Plots, Dot Plots, Heatmap, Histograms, Overlay Plots |

Algorithms | CITRUS, FlowSOM, SPADE, viSNE, UMAP, opt-SNE, tSNE-CUDA, Automatic

Gating, PeacoQC |

Statistics |

License Type | Academic, Commercial |
License Term | 1–3 Years |
For Research Use Only. Not for use in diagnostic procedures.

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URL: <https://www.mybeckman.in/flow-cytometry/sample-preparation-stations/tq-prep>
TQ-Prep Workstation

Proven Performance and Reliability

The TQ-Prep Workstation delivers whole blood lysis cell preparations for your flow cytometry needs time after time. A standard 32-tube carousel allows walk-away processing and perfectly complements our Navios EX flow cytometer.

The IMMUNOPREP Reagent System with ready-to-use CYTO-STAT tetraCHROME Monoclonal Antibody Reagents provides fast no-wash sample preparations for flow cytometric analysis, while maintaining cellular integrity and morphology.

- True walkaway operation from onboard incubation and lysis cycle processing
- User-friendly interface with a larger icon-driven touchscreen
- Maximum reliability with minimal maintenance
- The vortex system mixing ensures reproducible homogenous cell lysis
- Reagent dispensing with syringe pump system consistently provides precise and accurate volumes
- Sample throughput of up to 32 samples in only 24 minutes
- Windows 10 IOT (Internet of things) Enterprise LTSC Operating System

The TQ-Prep Workstation and IMMUNOPREP Reagent System together provide rapid, no-wash whole-blood sample preparation. Automation provides inter-sample and inter-laboratory consistency and reproducibility.

Workflow

- Reduced number of repeat samples for cost & labor efficiencies
- Sample throughput of up to 32 samples in 24 minutes
- Maximum reliability with minimal maintenance
- Continuous real-time feedback allowing operators to follow incubation & lysing processes

Performance

- Onboard incubation and lysis cycle processing for walkaway operation
- Advanced syringe pump system for precise & accurate reagent dispensing

TQ-Prep Upgraded

- Updated covers for front panel and reagent cover with improved fit
- Data privacy and security enhancements
- Updated safety certificates
- The touch screen interface has been replaced with a capacitive touch display interface
- Display icons have been resized for larger display

File: extracted_content_7_20241120201718.txt

URL: <https://www.mybeckman.in/centrifuges/high-speed>

High-Speed Centrifuges

Greater Control for High-Speed Centrifuge Workflows

From accelerating sample processing and enhancing workflows to saving space and overcoming shared lab challenges, our versatile Avanti series of high-speed centrifuges are uniquely designed for your production needs.

High-speed centrifuges are versatile tools for a wide range of separations. This lab equipment is designed to provide more throughput, faster turns, and greater control over workflows.

File: extracted_content_80_20241120202513.txt

URL: <https://www.mybeckman.in/particle-size-analyzers/ls-13-320-xr>

For big improvements that help you spot small differences.

The LS 13 320 XR offers best-in-class particle size distribution data from advanced PIDS technology,* which enables high-resolution measurements and an expanded dynamic range.

Like the LS 13 320, the XR particle size analyzer provides fast, accurate results, and helps you streamline workflows to optimize efficiency. Some big improvements help you reliably spot small differences that can have a huge impact on your particle analysis data.

- Direct measurement range from 10 nm – 3,500 µm
- Automatically highlights pass/fail results for faster quality control
- Enhanced software that simplifies method creation for standardized measurements
- New control standards to adequately verify instrument/module performance

Spot Small Differences

- Expanded measurement range: 10 nm – 3,500 µm
- Laser diffraction plus advanced Polarization Intensity Differential Scattering (PIDS) technology enable high-resolution measurement & reporting of real data down to 10 nm
- Provides accurate, reliable detection of multiple particle sizes in a single sample

Easy-To-Use Software

- ADAPT Software features automatic pass/fail check
- Pre-configured methods deliver results with 3 clicks or less
- Simplifies analyzer operation by experts & novice users alike
- 1-click overlay with historical data
- Intuitive user diagnostics keep you informed during sampling
- Simplified method creation for standardized measurements

ADAPT Software enables 21 CFR Part 11

- Customizable security system to meet diverse needs
- Choose from 4 security levels
- High-security configuration supports 21 CFR Part 11

PIDS Technology* for Direct Detection of 10 nm Particles

- 3 light wavelengths (450, 600, & 900 nm) irradiate samples with vertical & horizontal polarized light

- Analyzer measures scattered light from samples over a range of angles
- Differences between horizontally & vertically radiated light for each wavelength yield high-resolution particle size distribution data

LS 13 320 XR Particle Size Analyzer Multiwavelength

Product No: B98100

Product No: B98101

File: extracted_content_81_20241120202519.txt

URL: <https://www.mybeckman.in/about-us/terms-of-use>

Online Terms of Use: Beckman Coulter, Inc.

These Terms of Use apply to this website (the "Site") that is operated by Beckman Coulter, Inc. ("Beckman Coulter"). Throughout the Site, the terms "we," "us" and "our" refer to Beckman Coulter. Beckman Coulter offers the Site, including all information, tools and services available from the Site, to you, the user, conditioned upon your acceptance of all the terms, conditions, policies and notices stated here. Your use of the Site constitutes your agreement to these Terms of Use.

Accuracy, Completeness and Timeliness of Information on the Site

Beckman Coulter is not responsible if information made available on the Site is not accurate, complete or current. The material on the Site is provided for general information only and should not be relied upon or used as the sole basis for making decisions without consulting primary, more accurate, more complete or more timely sources of information. Any reliance on the material on the Site is at your own risk. The Site may contain certain historical information. Historical information necessarily is not current and is provided for your reference only. We reserve the right to modify the content of the Site at any time, but we have no obligation to update any information on the Site. You agree that it is your responsibility to monitor changes to the Site.

Use of Materials on the Site

All content on the Site (including, without limitation, text, design, graphics, logos, icons, images, audio clips, downloads, interfaces, code and software, as well as the selection and arrangement thereof), is the exclusive property of and owned by Beckman Coulter, its licensors or its content providers and is protected by copyright, trademark and other applicable laws. You may access, copy, download and print the material contained on the Site for your personal and non-commercial use, provided you do not modify or delete any copyright, trademark or other proprietary notice that appears on the material you access, copy, download or print. Any other use of content on the Site, including but not limited to the modification, distribution, transmission, performance, broadcast, publication, uploading, licensing, reverse engineering, transfer or sale of, or the creation of derivative works from, any material, information, software, products or services obtained from the Site, or use of the Site for purposes competitive to Beckman Coulter, is expressly prohibited. You agree to abide by all additional restrictions displayed on the Site as it may be updated from time to time. Beckman Coulter reserves the right to refuse or cancel any person's registration for the Site, remove any person from the Site or prohibit any person from using

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Office of General Counsel

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- Identification of the material that is claimed to be infringing or to be the subject of infringing activity and that is to be removed or access to which is to be disabled, and information reasonably sufficient to permit the service provider to locate the material;
- Information reasonably sufficient to permit the service provider to contact the complaining party, such as an address, telephone number, and, if available, an electronic mail address at which the complaining party may be contacted;
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In the event we make material changes to the Terms of Use, notice of the changes will be posted on the homepage of the Site and the revised terms will take effect thirty days after their publication on the Site.

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Thank you for visiting our Site.

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URL: <https://www.mybeckman.in/about-us/compliance>

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Products

Products

Air Particle Counters for Cleanroom and Environmental Monitoring

Air Particle Counters for Cleanroom and Environmental Monitoring

Air Particle Counters for Cleanroom and Environmental Monitoring

MET ONE 3400+ Air Particle Counter

Remote

MET ONE R4800 and R4900

Facility Monitoring System (FMS)

Automated Cell Culture and Clone Ranking Systems

Automated Cell Culture and Clone Ranking Systems

Automated Cell Culture and Clone Ranking Systems

Cell Counters, Sizers and Media Analyzers

Cell Counters, Sizers and Media Analyzers

Cell Counters, Sizers and Media Analyzers

Cell Viability Analyzers

Vi-CELL BLU Cell Counter & Analyzer

Coulter Counters

Centrifuges & Rotors

Centrifuges & Rotors

High-Speed Centrifuges

Rotors

Fixed Angle Centrifuge Rotors

Near-Vertical Rotors

Swinging-Bucket Rotors

Centrifuge Tubes and Bottles

Supplies, Parts & Accessories

Flow Cytometry

Flow Cytometry

Flow Cytometry

Research Flow Cytometry Analyzer

CytoFLEX Flow Cytometer

CytoFLEX S Flow Cytometer

CytoFLEX LX Flow Cytometer

Clinical Flow Cytometry Analyzer

AQUIOS CL

DxFLEX Flow Cytometer

CytoFLEX SRT Benchtop Cell Sorter

Cell Preparation Systems

TQ-Prep Workstation

Software

Kaluza C Analysis Software

Flow Cytometry Software
Automated Liquid Handling Solutions
Automated Liquid Handling Solutions
Automated Liquid Handling Solutions
Tip-Based Liquid Handling
Biomek i-Series Automated Workstations
Biomek Genomic Workstations
Echo Acoustic Liquid Handlers
Fully Integrated Systems
Integrated Solutions
Access Dual Robot System
Access Laboratory Workstation
Laboratory
HIAC 9703+ Pharmaceutical Particle Counter
BioLector XT Microbioreactor & Biomek i5 Liquid Handler Integration
Particle Size Analyzers
Particle Size Analyzers
Particle Size Analyzers
Total Organic Carbon (TOC) Analyzers
Total Organic Carbon (TOC) Analyzers
Total Organic Carbon (TOC) Analyzers
QbD1200+ Laboratory TOC Analyzer
Genomic Solutions
Genomic Solutions
Genomic Solutions
Biomek Genomic Workstations
Products
Automated Cell Culture and Clone Ranking Systems
Automated Cell Culture and Clone Ranking Systems
Automated Cell Culture and Clone Ranking Systems
Cydem VT System Reagents & Consumables
Centrifugation Reagents
Centrifugation Reagents
Centrifugation Reagents
Flow Cytometry Reagents
Flow Cytometry Reagents
Flow Cytometry Reagents
Antibody Search
Single Color Reagents
Clinical Systems and Kits
LUCID Custom Design Services
RESOURCE Contract Manufacturing Services
Cell Health and Research Assays

Lysing, Fixative, and Permeabilizing Reagents
Fluorospheres & Quality Control
Genomic Solutions
Genomic Solutions
Genomic Solutions
Cleanup and Size Selection
Total Nucleic Acid Isolation
DNA Extraction
RNA Extraction
Collaboration and Grant Program
Biomek Genomic Workstations
Cell Counter & Analyzer Reagents
Cell Counter & Analyzer Reagents
Cell Counter & Analyzer Reagents
Vi-CELL BLU Quality Controls
Vi-CELL MetaFLEX Solution Pack
Supplies, Parts & Accessories
Products
Supplies, Parts & Accessories
Supplies, Parts & Accessories
Centrifuge Buckets and Adapters
Aperture Tubes
Automated Labware Positioners
Cassettes for Flow Cytometry
Labware for Liquid Handling Instruments
CytoFLEX Platform Upgrades
CytoFLEX Violet-Blue-Red Series Upgrades
Microbioreactor Supplies & Accessories
Supplies, Parts & Accessories
Microbioreactor Supplies & Accessories
Microbioreactor Supplies & Accessories
CO2 Up Regulation
LED Filter Modules for BioLector XT
O2 Down Regulation
Sealing Foil for Automation
Sealing Foil Basic
Sealing Foil Reduced Evaporation
Plates
FlowerPlates
Round Well Plates
Microfluidic FlowerPlate
Microfluid Round Well Plate
Plate Loader Options for the CytoFLEX Platform

Biomek Micro- and Deep-Well Plates
Tube and Bottle Racks
Centrifuge Tubes and Bottles
Software
Products
Software
Software
Flow Cytometry Software
Software
Flow Cytometry Software
Flow Cytometry Software
CytExpert Software for the CytoFLEX Platform
Kaluza Analysis Software
Kaluza C Analysis Software
BioLection Software
Liquid Handling and Scheduling Software
Software
Liquid Handling and Scheduling Software
Liquid Handling and Scheduling Software
Biomek Software
Biomek Software
SAMI Process Management
DART Software
Echo Software
Echo Array Maker
Echo 21CFR11 Compliance Manager
Echo Cherry Pick Software
Echo Combination Screen Software
Echo Dose-Response Software
Echo Plate Audit Software
Echo Plate Reformat Software
TEMPO™ Automation Control Software
Beckman Coulter Diagnostics
Products
Beckman Coulter Diagnostics
Beckman Coulter Diagnostics
Automation Systems
Chemistry
Clinical Information Management
Rotors
Tubes & Bottles
Parts & Accessories
Flow Cytometry

Flow Cytometry
Flow Cytometry
Software
Parts & Accessories
Labware & Accessories
Liquid Handling Automation
Parts & Accessories
Counters & Analyzers
Counters & Analyzers
Counters & Analyzers
Particle Size Analyzers
Air Particle Counters
Reagents & Controls
Parts & Accessories
Plates & Covers
Product Applications
Cell Based Therapeutics
COVID-19 Research
Leukemia and Lymphoma
Quality Control for GMP Manufacturing
Future of Bioprocessing
Synthetic Biology
Other
Industry Standards
Research Areas
Service
Service Home
Service Plans
Flow Cytometry
Particle Analysis
Installation Services
Preventive Maintenance
BeckmanConnect Remote Support Tools
Tech Support and Repairs
Service Tech Support
Repairs
Compliance Services
Instrument Qualification and Calibration
Product Support
Search
Repairs
Frequently Asked Questions
Technical Documents Support

Safety Data Sheets
Instructions for Use Manuals
Certificate of Analysis
Certificate of Compliance
Declaration of Conformity
Assay Sheets
Search All Technical Docs
Customer Relations for Beckman Coulter Life Sciences
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About Us
Our Company
About Beckman Coulter Life Sciences
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Diversity and Inclusion
News & Events
News and Releases
Beckman Contact Information
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Choose your country/region
Austria
Chad
Chile
East Timor
Federated States of Micronesia
Greece
Iceland
Ireland
Lesotho
Marshall Islands
New Zealand
North Korea
North Macedonia
Norway
Papua New Guinea
Republic of the Congo

Saint Kitts and Nevis

Saint Vincent and the Grenadines

Solomon Islands

South Africa

South Korea

Thailand

The Gambia

United Arab Emirates

United Kingdom

United States

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English

About Us

Compliance and Standards

Beckman Coulter Life Sciences is committed to achieving and maintaining compliance with all applicable organizations, including those listed here.

Compliance Information

California Compliance Declaration

RoHS Compliance

Coordinated Vulnerability Disclosure

Globally Harmonized System

Beckman Coulter France S.A.S. / IMMUNOTECH S.A.S. Standard Terms & Conditions of Purchase

Integrity and Compliance

RoHS Compliance

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URL: <https://www.mybeckman.in/air-particle-counters/met-one-6000>

MET ONE 6000 Remote Air Particle Counter

MET ONE 6000 air particle counters are a compact design with flexible sizing, flow rate and communication options that address the specific needs of cleanroom environments within the pharmaceutical, semiconductor, hard disk drive and flat panel display industries providing ISO 21501 accuracy for continuous particle monitoring. Reduce initial installation cost with MET ONE 6000 remote air particle counter's integrated multi-parameter measurements.

- Industry leading particle counting on-line reliability
- Flexible particle count size in 0.3µm or 0.5µm; 0.1cfm or 1.0cfm flow rates
- Long life laser diode for guaranteed continuous monitoring.
- Easy to integrate with any facility monitoring system
- Open architecture design to communicate seamlessly with your system
- Count alarm and alerts enable visual notification via built-in status lights.
- Optional relative humidity and temperature probe integrates RH/T data with particle

count data in same data stream.

- In compliance with ISO 14644, FDA CGMP and EU GMP Annex 1
MET ONE 6015 Remote, Down Exhaust, Serial Interface, Flow Meter

Product No: 2088615-DF-S

Product No: 2088603-SF-S

MET ONE 6000 Remote Air Particle Counter Features

ISO 14644 Compliance

- ISO21501 compliance ensures accuracy and instrument to instrument repeatability
- Data security to enable 21 CFR Part 11 compliance

Aseptic Cleanroom Manufacturing

- The MET ONE 6000 remote air particle counter is specifically designed to manage all aseptic fill clean room fixed location applications
- Enables compliance with 21 CFR Part 11, FDA cGMP, and EU GMP Annex 1

Semiconductor Cleanrooms

- Industry's most accurate particle counting fully complies to ISO21501 calibration standards and assures increased yield

Flat Panel & Hard Disk Drive Cleanrooms

- Increase yield and eliminate contamination concerns in flat panel production
- Low cost of ownership price-per-point particle counting with industry leading high quality

Product Specifications

Performance | ISO 21501-4 unit-to-unit accuracy & reproducibility |

Industry Standards | ISO 21501-4 , ISO 14644-1:2015, FCC, CE |

Light Source | Long Life Laser™ Diode |

Throughput | 28.32 L per minute |

Zero Count | ISO 21501-4 & JIS B 9921 (1 count or less in 5 min; 95% UCL) |

Count Alarms Display and Cycles | User-defined alarm counts displayed via LED on box or remote LED |

Item Specifications Referenced | 2088615-DF-S |

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URL: <https://www.mybeckman.in/centrifuges/rotors/fixed-angle>

Fixed Angle Centrifuge Rotors

Fixed-angle rotors feature a medium pathlength, a fast run time and excellent resolution.

In fixed-angle rotors, tubes are held at a constant angle during the spinning operation, typically between 23°– 38° from vertical. They're commonly used at higher speeds, for small to large volumes, for pelleting applications, such as bacteria and yeast to recover the pellet and remove particles from a suspension and discard the debris, and isopycnic banding of DNA

When pelleting you want the pellet to end up at the outer bottom wall of the tube, as that location allows for easy collection of the pellet. A fixed-angle rotor is ideal in order to gain easy access to the pellet.

[Click here to see the New Intellifuge Calculator in action](#)

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URL: <https://www.mybeckman.in/about-us/company-history>

History of Beckman Coulter

Beckman Coulter's commitment to innovation dates back to its origin in 1935 when Dr. Beckman sold the first commercial pH meter. Within 25 years, the pH meter and newly introduced DU spectrophotometer and helipot potentiometer found thousands of applications in science, industry and medicine. A series of acquisitions in the 1950s and 1960s complemented and expanded the business. The 1970s saw tremendous expansion in both products and facilities, with new sites in Europe and the opening of a sales unit in China. Operations in the 1980s and 1990s focused on developing laboratory systems for biological analysis and transforming technology into solutions for clinical labs.

Beckman and Coulter combine two of the best known brand names in laboratories. We adopted our current name in April 1998, changing from Beckman Instruments, Inc. to Beckman Coulter, Inc. ("the Company"), to reflect the October 1997 acquisition of Coulter Corporation.

Beckman Instruments, Inc., founded by Dr. Arnold O. Beckman in 1935, entered the laboratory market with the world's first pH meter, an electronic instrument used to measure pH (acidity or alkalinity). The company became a publicly traded corporation in 1952. In 1968, Beckman Instruments, Inc. expanded its laboratory instrument focus to include healthcare applications in clinical diagnostics. We were acquired by SmithKline Corporation to form SmithKline Beckman Corporation in 1982, operating as a subsidiary of SmithKline Beckman until 1989, when we once again became a publicly owned company. Coulter Corporation was founded by Wallace and Joseph Coulter in 1958 as a private company, remaining under the control of the Coulter family until acquired by Beckman Instruments, Inc. in 1997. Coulter marketed the Coulter Counter, an instrument used to determine the distribution of red and white cells in blood. This instrument was based on the "Coulter Principle," which was developed by Wallace Coulter in 1948 to automatically and electronically count and measure the size of particles. This proved to be the foundation of automated hematology.

The history of Beckman Coulter is one of innovation, beginning with Dr. Beckman's solution for determining the precise measurement of pH in lemon juice—the acidimeter, or pH meter. From a small operation in the rear of a garage in Pasadena, California, to its recognition today as a world leader in clinical diagnostics and life sciences research, Beckman Coulter owes its success to three men of vision who revolutionized science and medicine: Arnold O. Beckman, Ph.D, and brothers Wallace and Joseph Coulter.

In 2012 Danaher purchased Beckman Coulter and divided the company into two operating companies, Diagnostics (HQ - Brea, CA) and Life Sciences (HQ – Indianapolis, IN). Beckman Coulter Life Sciences is a leader in scientific research instruments primarily serving the academia and pharma markets. The company also serves the clinical research market as well as applied markets such as agricultural, food and beverage, gas and oil, aerospace, among several others.

Since 1935, the world has turned to us for solutions to challenging problems, and we are proud to say we've solved many of them. Beckman Coulter's focus is to help create the world's most efficient laboratories that improve patient health and reduce the cost of care. For our top competitors, biomedical testing is one business among many; for Beckman Coulter, it is our sole focus. In today's market, we are one of the few participants with full capacity to design, develop, manufacture, sell and service our products.

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URL: <https://www.mybeckman.in/events/isevxtech-2024>

ISEVxTech - EV Technology and Methods Summit 2024

Baltimore, Maryland

Share this event

About the Event

ISEVxTech has been one of ISEV's most popular meeting offerings, with high ratings by demonstrators and attendees alike. ISEVxTech centers on extensive, often hands-on demonstrations of technologies and methods, surrounded by fascinating talks, panel discussions, poster sessions, and interactive offerings.

What you'll learn at our exhibition table: Details about Beckman Coulter Life Sciences' range of flow cytometry products that are driving research and innovation in the field. We will be highlighting five key offerings: the CytoFLEX series (CytoFLEX, CytoFLEX SRT, and CytoFLEX nano). We also will be participating in a live demonstration of our CytoFLEX nano flow cytometer.

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URL: <https://www.mybeckman.in/centrifuges/general-purpose>

Benchtop Centrifuges: Small but Mighty Workhorses of the Lab

Designed for cell culture processing, blood sample preparation, microplate applications and more, our benchtop centrifuges provide fast and efficient centrifugation solutions for your lab in a single, compact instrument.

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URL: <https://www.mybeckman.in/>

Accelerating answers

With a legacy dating back to 1935, we continue our ongoing mission to help a diverse variety of experts discover answers to some of life's most important questions. Wherever people need answers that matter, you can find reliable technologies from Beckman Coulter Life Sciences.

Fresh insights

Untangle the complexities of proteomics with lab automation.

Clinical Flow Cytometry

DxFLEX Flow Cytometer

Without adding more concerns

Manufacturing Quality Control

Our EU GMP Annex 1 solutions are ready... are you?

Synthetic Biology

Build a better tomorrow with our workflow solutions.

Streamline Clinical Trials with Flow Cytometry

Unraveling the Mystery of LNP Loading

Biomanufacturing Workflow

Our tools and technologies bring innovation, efficiencies and reproducibility into the workflow.

Popular topics

Research, applications & techniques

Upcoming events

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ISEVxTech - EV Technology and Methods Summit 2024

TWB & Beckman University: Innovation and Biomanufacturing

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A Leader in Life (and Science)

Learn more about career opportunities, corporate responsibility, and our commitment to diversity, equity, and inclusion.

About Beckman Coulter Life Sciences ->

[File: extracted_content_89_20241120202615.txt](#)

URL: <https://www.mybeckman.in/centrifuges/ultracentrifuges>

Ultracentrifuge Solutions: Speed and Sophistication without Sacrificing Usability

We introduced the first commercial ultracentrifuge in 1947. Since then, our elite line of

ultracentrifuges has attained incredible levels of speed and sophistication, without sacrificing usability.

Whether you're looking for a simple, rapid method to remove chylomicrons for accurate lipemic clarification results or a total solution for your ultracentrifugation needs, our elite line of ultracentrifuges will help your lab achieve its separation needs. Fast and efficient, our ultracentrifuges possess multi-layered safety features that ensure a secure and productive work environment.

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URL: <https://www.mybeckman.in/liquid-handlers/access-systems>

Access Dual Robot System

The Access Dual Robot System (DRS) is a compact, modular, high-capacity, and high-throughput platform, designed and optimized for the use of Echo Liquid Handlers in sample management workflows. It is the only automation platform on the market compatible with Echo® 650 Series Liquid Handlers, enabling the production of assay-ready plates from acoustic sample tubes. The system combines industry-leading devices and software with ergonomic and environment management options to provide a complete, easy-to-use, store-to-assay sample management solution.

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URL: <https://www.mybeckman.in/patents>

This web page is provided in compliance with the virtual patent marking provisions of the America Invents Act. The Beckman Coulter Life Sciences products listed below are protected by patents in the United States and in other jurisdictions. The following list of products may be covered by one or more of the listed patents or patent applications in the United States. This listing is not all inclusive—there may be additional patents or patent applications protecting these Beckman Coulter products.

Optima XPN Ultracentrifuge
LS 13 320 / LS 13 320 XR Particle Sizing Analyzers

MET ONE Air Particle Counters

CytoFLEX Flow Cytometers and Sorters

AQUIOS CL Flow Cytometry System

Echo Acoustic Liquid Handler

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URL: <https://www.mybeckman.in/particle-size-analyzers>

Particle Size Analyzers

Whatever your particular particle size analysis and particle characterization needs may be, look to us for the technology to meet them. Our instruments use techniques that include the Coulter principle, laser diffraction, light scattering and polarized intensity differential

scattering (PIDS) to provide the data you require for your specific application(s). Multisizer 4e Coulter Counter

- Multiple security levels for 21 CFR Part 11 Compliance
- Complex sample analysis across wide particle size distribution range
- Quality assurance ready (multiple SOM/SOP configurations & V-check validation package)

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URL: <https://www.mybeckman.in/about-us>

About Beckman Coulter Life Sciences

Accelerating answers to your important questions

Our company's heritage dates back to 1935, when Dr. Arnold Beckman founded National Technical Laboratories in California. That year, he sold 87 of his recently patented pH meters, a groundbreaking technology that could be used for everything from water quality testing to laboratory research.

Our mission today, which has changed little since 1935, is to empower those who are seeking answers to life's important scientific and healthcare questions.

This mission embodies all our efforts to help customers get the data and answers they need, when they need them.

These answers may be important for expediting development of a new, life-saving biopharmaceutical, to help exonerate an innocent person based on DNA evidence, or to help monitor patients with chronic diseases.

If your life's calling demands answers for these (or dozens of other) important endeavors, you need to know Beckman Coulter Life Sciences. No matter the type or scope of questions you have, we can help you get the answers you need—often faster than you thought possible.

File: extracted_content_93_20241120202635.txt

URL: <https://www.mybeckman.in/air-particle-counters/met-one-7000>

MET ONE 7000 Remote Air Particle Counter

The MET ONE 7000 provide high accuracy non-viable particle monitoring for cGMP/FDA compliance. Stainless steel wash-down resistant enclosure and VHP tolerant optics protect the instrument while ISO 21501 certified calibration assures accurate continuous monitoring in aseptic and sterile pharmaceutical production environments.

- Rugged design for cleanrooms with industry leading quality & reliability
- Stainless VHP, wash-down and chemically tolerant NEMA 4X enclosures
- Built-in flow sensor for CFR21 data accuracy and reliability
- Particle size 0.5µm and 5µm sensitivity at 0.1cfm or 1.0cfm flow rates
- Long life laser diode for guaranteed continuous monitoring
- Easy to integrate with any facility monitoring system
- Open architecture design to communicate seamlessly with your system

- Pulse, Serial Modbus, Ethernet, Wireless and Analog options

Documentation and Application Notes

Learn more about the MET ONE 7000: Explore MET ONE 7000 Models

MET ONE 7015 Washdown Enclosed, Flow Meter, Ethernet Interface, DC Power

Product No: 2088715-NF-ED-0

MET ONE 7005 Washdown Enclosed, Flow Meter, Ethernet Interface, DC Power

Product No: 2088705-NF-ED-0

Rugged design for cleanroom use

- Stainless VHP, wash-down and chemically tolerant NEMA 4X enclosures.

Industry leading particle counting on-line reliability

- ISO 21501 compliant with built-in flow sensor for CFR21 data accuracy and reliability.

Flexibility

- Flexible particle count size in 0.5um and 5um sensitivity at 0.1cfm or 1.0cfm flow rates.

Industry leading quality and reliability

- Long life laser diode for guaranteed continuous monitoring.

Product Specifications

Performance | ISO 21501-4 unit-to-unit accuracy & reproducibility |

Industry Standards | ISO 21501-4 , ISO 14644-1:2015, CE, FCC |

Light Source | Long Life Laser™ Diode |

Throughput | 28.32 L per minute |

Zero Count | ISO 21501-4 & JIS B 9921 (1 count or less in 5 min; 95% UCL) |

Count Alarms Display and Cycles | User-defined alarm counts displayed via LED on box or remote LED |

Item Specifications Referenced | 2088715-NF-ED-0 |

File: extracted_content_94_20241120202642.txt

URL: <https://www.mybeckman.in/microbioreactor/biolector-xt>

The high-throughput microbioreactor enables real-time evaluation of biomass, fluorescence, pH, dissolved oxygen in the liquid phase (DO), and other key cultivation parameters for aerobes and anaerobes.

Building on trusted BioLector Pro technology, the BioLector XT microbioreactor is based on a standard ANSI/SLAS (SBS) microtiter plate (MTP) format, and operates with online, pre-calibrated optical sensors. Disposable 48 well MTPs enable online measurement of cultivation parameters, while patented microfluidic technology supports simultaneous pH control and feeding. The optional microfluidic module eliminates manual liquid handling—no tubing or pipetting required, as everything is part of the gamma-radiated ready-to-use plate.

Learn more about the BioLector XT microbioreactor:

- BioLector Learning Center

- Application Note: Anaerobic cultivation processes of probiotic bacteria in the BioLector XT microbioreactor

- Technical Data Sheet: BioLector XT microbioreactor

- Technical Data Sheet: Sealing Foil M2P-F-RSXT-10
- Technical Note: Using the BioLector XT microbioreactor Gassing Lid
- Evolution Article: Learn about the history and evolution of the BioLector platform
- BioLector Modules: Easily upgrade the BioLector XT microbioreactor with additional modules
- Publications List

Features of the BioLector XT

Innovative New Gassing Head

- Enables fed-batch experiments under anaerobic conditions
- Gassing with O₂ within a range of 1% - 100% and with CO₂ within 1% - 12 %
- Reduces gas consumption to a few mL/minute
- Optional humidification of gases reduces evaporation
- Unleashes full potential of the BioLector XT
- Complements online monitoring function with well-specific pH regulation/feeding
- Enables use of 2 reservoir wells per 4 cultivation wells

“Plug-and-play” Plate Design

- Real-time kinetics out of 48/32 parallel cultivations
- Customizable feeding strategies (batch, fed-batch, bolus, continuous)*
- Control of pH on-the-plate with pre-calibrated optical sensors*

Intelligent BioLection Software

- Free programming of all control parameters
- Fast processor ensures rapid download of experiment data

BioLector XT Specifications

DO Range | 0 – 100% oxygen saturation (100% corresponding to the DO level reached while gassing with 100% O₂ without O₂ consumption) |

Scattered Light Measurement | Resolution > 50 NTU, at densities higher than 500 NTU: 10 % of measured value. |

Depth | 520 mm(20.5 in) |

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URL: <https://www.mybeckman.in/events/selectbio-2024>

SelectBio: Innovations in Flow Cytometry & Extracellular Vesicles Research 2024

Share this event

About the Event

Bringing together researchers and industry participants from both academia and industry, this established event, will discuss the latest innovations and developments in EV/Exosomes fields from a Technology Development and Utilization Perspective.

A heavy emphasis at this conference on technology development especially in the context of flow cytometers for a variety of emerging applications -- the engagement of academic researchers and industry participants is a key element of this conference track.

There is an Extensive International Perspective at this Conference with Speakers, Poster Presenters, Sponsors, and Exhibitors from the US, Europe, and Asia/Pacific. Running

alongside the conference will be an exhibition covering the latest technological advances and associated products and services from leading solution providers within this expanding field from around the world.

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URL: <https://www.mybeckman.in/?country=IN&language=hi>

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Without adding more concerns

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File: extracted_content_97_20241120202705.txt

URL: <https://www.mybeckman.in/flow-cytometry/software/cytobank-premium>

The cloud-based Cytobank data analysis platform is an ideal solution for immunologists and cytometrists who need to quickly gain insights from large datasets while having confidence in their results, reducing subjectivity of their analysis and eliminating error-prone and time-consuming steps. It offers fully integrated and quality-tested tools for advanced cytometry data analysis and statistical evaluation, providing comprehensive workflow coverage and automation.

Premium licenses provide access to a shared cloud and are designed to meet the needs of principal investigators or smaller research groups. Different license types are available depending on your needs.

We offer powerful algorithms for automatic data clean up, dimensionality reduction, automated gating, clustering and biomarkers prediction to accelerate your research. Use the Cytobank platform to manage and archive flow and mass cytometry or other single-cell data and to easily collaborate with colleagues across disciplines and geographies from any web-based device.

- Go from raw data to statistical significance in our easy-to-use software
- Leverage Sample Tags to build illustrations for hundreds of files, fast
- Streamline population identification into 2 easy steps with our integrated Automatic Gating algorithm with no additional fees
- Scale by purchasing additional storage space, compute power, or bioinformatics expert services

Cytobank Premium Features

Reduce Subjectivity

- Automatically cluster phenotypically similar cells using FlowSOM or SPADE
- Use dimensionality reduction suite algorithms to visualize multidimensional data in a two-dimension plot, facilitating identification of rare biological subsets
- Automatically identify predictive biomarkers with statistical power among groups using CITRUS
- Reduce variability and save time by automating your gating strategy

Data to Insight

- ML-assisted algorithms help discover unexpected phenotypes and create visualizations to present results
- Leverage the compute power of the cloud to run algorithms in parallel, speeding up settings optimization

- Add our data scientists to your team to provide bioinformatics expertise for complex projects

Collaborate

- Cloud-based data archiving and storage, ideal for users who need traceability of analysis results and settings

- Easy user-defined, secure sharing of annotated data and protocols with anyone with a web-enabled device

- Collaborators can work in real-time on the same datasets; changes to experiments are saved instantly on a centralized server

Democratize ML-assisted Analysis

- Made for biologists, no coding or plugins required, visit the Learning Center

- Online knowledge repository full of articles, tips and tricks and support request form for new questions

- Use the Experiment Manager to organize and find your projects, use the tree view to show relationships between experiments

Explore Cytobank Premium Licenses

Cytobank Commercial Premium License, 5-user, 2-year

Product No: C47389

Cytobank Academic Premium License, 5-user, 1-year

Product No: C47385

Cytobank Academic Premium License, 1-user, 2-year

Product No: C47391

Cytobank Academic Premium License, 5-user, 2-year

Product No: C47392

Cytobank Academic Premium License, 1-user, 1-year

Product No: C47384

Cytobank Commercial Premium License, 5-user, 3-year

Product No: C47397

Cytobank Academic Premium License, 5-user, 3-year

Product No: C47399

Cytobank Commercial Premium License, 5-user, 1-year

Product No: C47383

Cytobank Premium Specifications

Compatibility | FCS 2.0, 3.0, and 3.1 files from instrument agnostic. DROP is able to import any numeric data in a text delimited (comma, semicolon, tab) format. |

Plot Types | Contour Plots, Density Plots, Dot Plots, Heatmap, Histograms, Overlay Plots |

Algorithms | CITRUS, FlowSOM, SPADE, viSNE, UMAP, opt-SNE, tSNE-CUDA, Automatic

Gating, PeacoQC |

Statistics |

License Type | Academic, Commercial |

License Term | 1–3 Years |

For Research Use Only. Not for use in diagnostic procedures.

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URL: <https://www.mybeckman.in/flow-cytometry>

Flow Cytometry

Our goal in Flow Cytometry is to help you achieve your goals—by providing the technology you need to get the most accurate, reproducible results, whether for routine cell based assays or for high-complexity flow cytometry applications. For basic researchers who want to harness the power of high dimensional single cell analysis, software that streamlines instrumentation operation without compromising the performance are required. For the clinical diagnostic laboratory which are constantly under pressure to do more with less, our solutions streamline the workflow and eliminate time-consuming manual steps that can result in costly errors.

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URL: <https://www.mybeckman.in/liquid-handlers/software/echo/21-cfr-part-11-compliance-manager>

Echo 21CFR11 Compliance Manager

Security, auditing and traceability for Echo Liquid Handler

Designed to Enable 21 CFR Part 11 Compliance, Echo 21CFR11 Compliance Manager locks down and tracks all Echo Liquid Handler use, including protocol changes and output files using state-of-art security algorithms. Workflows for Design of Experiments (DOE), pooling large numbers of assay components, or sample randomization, that are commonly challenging for traditional automated liquid handlers, are performed with ease in Regulated Environments using Echo Liquid Handlers.

- Seamless integration with Echo Software Applications
- User permissions management through Microsoft Windows Active Directory
- Enforced data integrity using state-of-the-art checksum verification
- Echo protocol versioning and approval
- Compliance with 21 CFR Part 11

Software Workflows

Seamlessly integrating with your Echo Liquid Handler applications, Echo 21CFR11 Compliance Manager (ECM) enables information technology teams to directly manage Echo Liquid Handler user, protocol, and log file access through Microsoft Windows Active Directory. Five levels of user permissions are supported controlling who can view, create, edit, approve, archive, and delete data. Using advanced checksum verification algorithms, the software detects any data tampering assuring data integrity and peace of mind.

Webinar: How Acoustic Liquid Handling Can Improve your Bioassay Workflows

Iain Russell, Ph.D., Sr. Product Manager compares acoustic droplet ejection (ADE) technology to standard tip-based liquid handlers, and how ADE can reduce run-to-run variability through method standardization and also reduce analyst variability in biological assays.

Echo 21CFR11 Compliance Manager Specifications

Description | Specifications |

Microsoft® Windows 10 64-bit (Windows 7 compatibility mode); Windows.Net Framework 4.62 or greater |
Memory | 4 GB or greater |
Network connection | 10/100/1000 BaseT (2 network connections are required) |
Network protocol | TCP/IP |
Hard drive | 4 GB Free Space Available |
Echo Applications |
Echo Combination Screen, Echo Cherry Pick, Echo Plate Reformat, Echo Combination Screen all 1.7 or later. All other Echo Apps N/A |
SQL Server databases | SQL Server 2016 SP1 Express, Standard or Enterprise versions or later |
Echo Client Software | 2.6 or later |
Echo.Net Framework | 1.7 or later |

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URL: <https://www.mybeckman.in/#about>

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