

Product Price List 2025





Delivering lab essentials to move science forward

Director's Desk.....

Dear Customers,

A sincere thanks from the Cole-Parmer family to our esteemed customers for an excellent 2024. We appreciate your guidance and support, which helped us achieve strong double-digit growth.

It is our pleasure to present our 2025 mini product catalogue and INR price list, which will help you select the appropriate products from our wide range, essential for meeting most of your scientific laboratory application needs.

Please feel free to connect with us for our detailed product catalogues. Our experienced sales team, supported by our product, application, channel, and service teams, are our strong pillars and are always available to support your day-to-day laboratory needs.

In addition to our two major warehouses in Mumbai and Hyderabad, we have a strong network of authorized distributors across India, ensuring that you receive Cole-Parmer products quickly.

Thank you once again for your support and encouragement. We wish you a great 2025.

Warm regards,

Pradeep Nair

Managing Director

At a Glance

At Cole-Parmer, we are solution-oriented. We have the products scientists need, ensure they're readily available, and provide the very best customer service so you are equipped to do their greatest work.

As a scientist, you didn't go to school to spend hours searching for lab equipment and supplies. At Cole-Parmer, we make it easy for you to get what you need, so you can get back to doing what you love...science!

We're committed to providing the very best products and services for your laboratory needs each and everyday. We proudly support every product we deliver with a promise on achieving 100% satisfaction guaranteed.

At Cole-Parmer, we help scientists get the lab essentials needed to create the next scientific breakthrough.

Our Voice

Collaborative

Caring, flexible, customer-oriented.
Our customers are why we exist...their success is our primary concern. We are responsive to their needs and actively listen to their feedback.

Knowledgeable

Informed, wise, trustworthy.
We are naturally inquisitive, and we seek to understand situations; we use our technical expertise to craft essential lab solutions for our customers.

Dynamic

Curious, engaged, fun.
We love science and the ever-changing ways our customers apply it; we want to delight our customers in unexpected ways in our communications and our solutions provided.

Sincere

Transparent, approachable, easy to work with.
We listen and ask questions that reflect genuine interest; leading with honesty and respect with employees and customers alike.



Collaborative



Knowledgeable

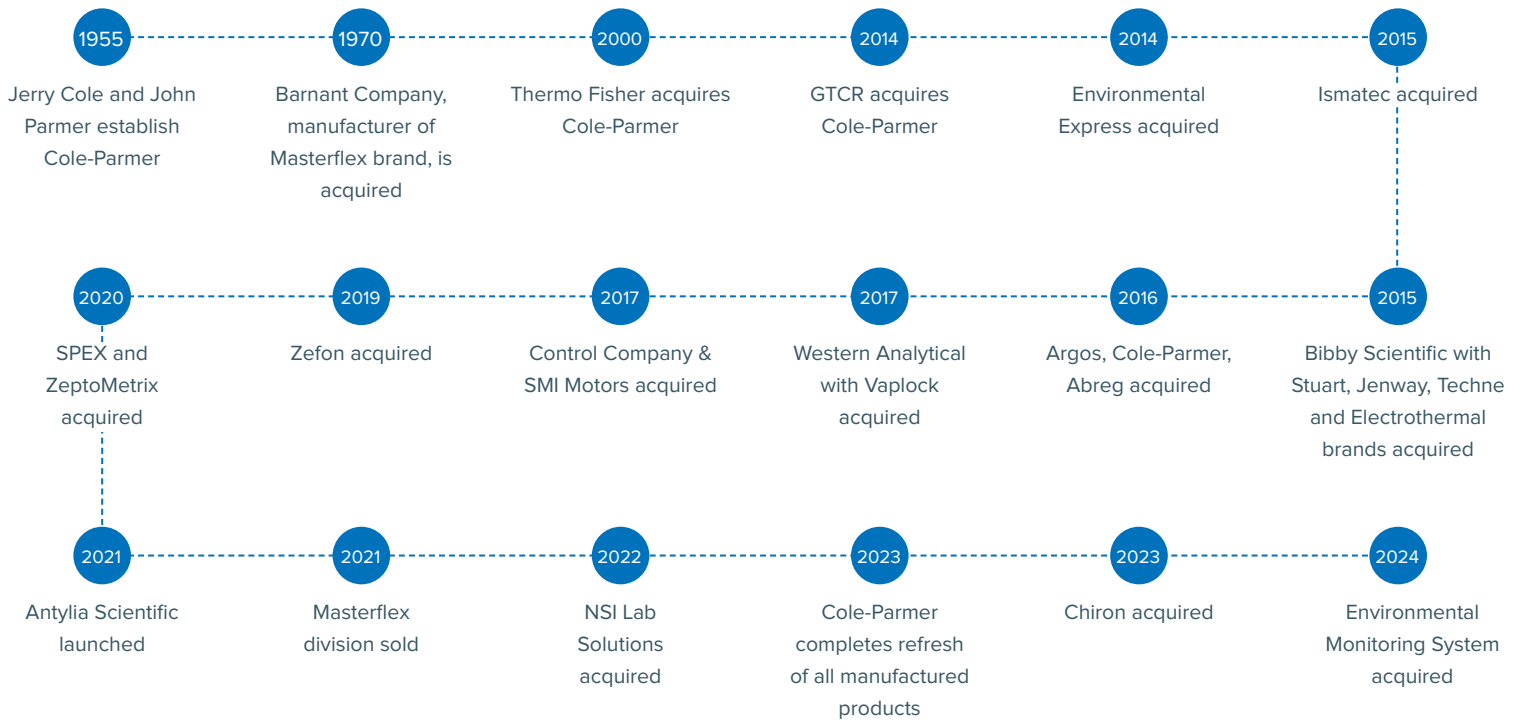


Dynamic



Sincere

Our History.....



Our Global Presence.....



UQSR. Certificate

UQSR.

UQSR Global Private Limited has assessed the Quality Management Systems of

COLE PARMER INDIA PVT. LTD.

403, A-WING, DELPHI, HIRANANDANI BUSINESS PARK, POWAI, MUMBAI- 400076, INDIA

WAREHOUSE: K- SQUARE, INTEGRATED PARK, OPP: OYE PUNJABI RESTAURANT, THANE
NASIK HIGHWAY – NH3, KURUND VILLAGE, BHIWANDI – 421302, MAHARASHTRA, INDIA

And hereby declares that the organization is in conformance with:

ISO 9001:2015

For the following scope of activities:

IMPORTER, EXPORTER, SUPPLIER, TRADER AND DISTRIBUTOR OF LABORATORY AND
INDUSTRIAL EQUIPMENT / CONSUMABLES

Further clarification regarding the scope of this certificate and the applicability of Quality Management Systems standard requirements may be obtained by contacting the organization

Certificate Number : UQSR-4144-CPIPL

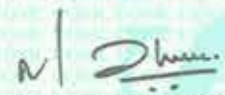
Original Issue Date : 16/12/2024 Current Issue Date : 16/12/2024 IAF Code: 29

Surveillance Date : 15/12/2025 Recertification Date : 15/12/2027 Issue No. 01

* **Validity of certificate is subjected to the continued satisfactory performance during surveillance audit



Authorized By


Certification Manager

UQSR Global Private Limited
www.uqsr.org

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Certificate of Registration

QUALITY MANAGEMENT SYSTEM - ISO 9001:2015

This is to certify that:

Cole-Parmer Ltd
Beacon Road
Stone
ST15 0SA
United Kingdom

Holds Certificate Number:

FM 537326

and operates a Quality Management System which complies with the requirements of ISO 9001:2015 for the following scope:

The design, development, manufacture, repair, support and distribution of laboratory products and consumables in line with the applicable statutory and regulatory requirements for educational, laboratory, scientific and industrial applications.



For and on behalf of BSI:

Matt Page, Managing Director Assurance - UK & Ireland

Original Registration Date: 2008-06-10

Latest Revision Date: 2023-03-17

Effective Date: 2023-04-07

Expiry Date: 2026-04-06

Page: 1 of 1



...making excellence a habit.™

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract.

An electronic certificate can be authenticated [online](#)

Printed copies can be validated at www.bsigroup.com/ClientDirectory

Information and Contact: BSI, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP. Tel: +44 345 080 9000.
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Index

Sr. No.	Category	Page No.
1	Fluid Handling	10
2	Reaction Station	28
3	Melting Point Apparatus	31
4	Hot Plates and Stirrers	34
5	Heating Mantles	37
6	Block Heaters	40
7	Ultrasonic Processors	43
8	Homogenizers	45
9	Grinders and Mills	48
10	Baths and Circulators	52
11	Shakers	55
12	Overhead Mixers & Homogenizers	59
13	Rotary Evaporators	62
14	Incubators	64
15	Ovens	65
16	Vacuum Ovens	66
17	Muffle Furnace	67
18	PCRmax®	70
19	Spectroscopy	71
20	Fume Hoods	74
21	Desiccators	76
22	ULT Freezers	78
23	Traceable® Products	81
24	Pipettes, Pipette Controllers, Tips, & Accessories	93
25	Chromatography	96
26	Sampling Tools	99
27	Bottles	101
28	Cleaning Consumables	104
29	Plasticware	107
30	Environmental Express	124
31	Environmental Monitoring Meters	129
32	Analytical Equipments	132
33	Electric Fusion Fluxer for XRF and ICP	135
34	Zeptomatrix/NSI/Chiron/Spex	146



FLUID HANDLING SOLUTIONS

PUMPS, TUBING AND FITTINGS

Fluid Handling

Next-Level Fluid Handling Solutions

We've returned to the forefront of fluid handling technology with an all-new range of tubing, fittings, and more.



CATEGORIES

TUBING

PUMPS

FLOWMETER

FITTINGS

VALVES

Tubing

Flexible Tubing

- An extensive selection of Flexible Tubing for Labs and Industrial
- Tailored to meet the diverse needs of laboratory and industrial fluid management.

Our offerings include silicone flexible tubing, known for its adaptability and suitability for a wide range of applications, from simple fluid transfers to handling complex regulatory compliant substances. For environments demanding resistance to harsh chemicals or extreme temperatures, our chemical resistant flex tube and high temperature flexible hose provide reliable solutions.

These products are engineered to maintain performance integrity under tough conditions, ensuring safety and efficiency. Our reinforced flexible tubing delivers enhanced durability, perfect for scenarios that necessitate superior strength against physical stressors.

To complement these solutions, Cole-Parmer also offers an array of flexible tubing fittings and accessories, designed for seamless integration and optimal fluid handling.

Warning: This product is not approved or intended for, and should not be used for, medical, clinical, surgical or other patient-oriented applications.



Rigid Tubing

- Extensive selection of clear rigid tubing
- Designed to meet the diverse needs of laboratory environments and medical applications.

Our Rigid Plastic Tubing portfolio includes high-quality materials like PVC and polycarbonate, ensuring durability and performance in various applications.

Our tubing is engineered for precision and reliability, offering exceptional resistance to harsh chemicals and UV light, making it a perfect choice for both medical grade rigid tubing and UV resistant rigid tubing requirements.

Ideal for demanding lab settings, our rigid tubing for laboratories is suited for applications requiring stringent chemical resistance, high temperature tolerance, and high purity standards.

We provide a vast array of sizes and formulations, featuring leading materials such as polyethylene, PFA, PP, PTFE, PVDF, glass, and copper. This versatility makes our tubing the go-to solution for rigorous lab, chemical, mechanical, high-pressure, and high-temperature applications.

Warning: This product is not approved or intended for, and should not be used for, medical, clinical, surgical or other patient-oriented applications.



Tubing Accessories

- Comprehensive range of connectors, benders, reels, and tube cutters
- Designed to offer unparalleled precision and durability for both laboratory and industrial usage

Meticulously crafted tools and accessories ensure you can cut, clamp, bend, and organize your tubing with utmost efficiency and reliability. Whether you're managing complex laboratory setups or industrial installations, our tubing connectors and clamps provide secure and leak-proof connections, while our tube benders and cutters offer precise adjustments and cuts, ensuring your operations run smoothly and safely.

Tubing

Choosing the Right Tubing

Size, temperature, application, media, and pressure are crucial factors to consider when choosing tubing.

Cole-Parmer® offers a wide range of flexible tubing, rigid tubing, and hoses that are perfect for your lab.

FACTORS TO CONSIDER



Size: We offer tubing and connection options in an array of thicknesses to accommodate your fit and function requirements.



Temperature: Our products come in a range of ambient, operating, and cleaning temperature ratings to ensure reliable performance and durability.



Application: We can help you select the appropriate formulation to comply with all applicable standards, including FDA, USDA, ISO, EPA, and NSF.



Media: Matching the formulation to the fluid being handled ensures ultra-low extractables, absorption/adsorption, and particulate entrapment.



Pressure: Choose the right materials for the job to minimize stress from vacuum and positive pressure on tubing, fittings, and other components.

SUGGESTED IMMERSION TEST PROCEDURE



1 Sanitize your tubing sample.



2 Weigh the tubing sample and measure its length and diameter.



3 Immerse the sample tube in the fluid you intend to use within a closed container for at least 48 hours.



4 Weigh and measure your sample tube again and examine it for swelling, brittleness, and other signs of deterioration.



5 Test the tubing in your pump at the actual temperature, pressure, vacuum level, and other conditions under which you plan to use it before beginning to use the tubing continuously.

Types of Tubing Used in Different Applications

Discover the perfect solution for all of your fluid handling needs with our extensive selection of tubing. Whether you need high-performance silicone tubing for medical research applications, durable industrial hoses for demanding environments, or versatile laboratory tubing, we have you covered. Our products are designed to meet the highest standards of quality and reliability, ensuring superior performance across a variety of applications.

Tubing

Formulation	Offerings
Platinum-cured silicone <ul style="list-style-type: none"> Available in Shore A hardness 50 & 60 REACH and RoHS compliant Complies with USP Class VI, USP 87 and USP 88, FDA Does not contain bisphenol A, melamine, N-nitrosamines, or phthalates 	Cole-Parmer® Platinum-Cured Silicone
Peroxide-cured silicone <ul style="list-style-type: none"> Flexible tubing offers long shelf life and resists kinking and tearing Exhibits good heat, cold, ozone, UV, and abrasion resistance FDA, USP Class VI Compliant Does not contain bisphenol A, melamine, N-nitrosamines, or phthalates 	Cole-Parmer® Peroxide-Cured Silicone
TPE <ul style="list-style-type: none"> Available in soft, clear, reinforced, or black formats Excellent chemical resistance, ultra-low extractables and leachables Low gas and oxygen permeability, low protein binding, and nonpyrogenic material Thermally weldable FDA, USP Class VI compliant Does not contain bisphenol A, melamine, N-nitrosamines, or phthalates 	Cole-Parmer® TPE Tubing
TPV <ul style="list-style-type: none"> Soft and flexible, available in industrial and pharma grade Low gas and oxygen permeability Highly durable and resistant to fatigue, acids, alkalis, and most oils and lubricants FDA, USP Class VI, USP 661, and RoHS compliant and BPOG tested Does not contain PVC, DEHP, plasticizers, or phthalates 	Cole-Parmer® TPV, Santoprene
PVC lab and vacuum <ul style="list-style-type: none"> Withstands high heat and pressure, and compatible with most hydrocarbons Sterilize by autoclave and gamma sterilization Complies with FDA CFR 21 	Cole-Parmer® PVC Lab and Vacuum
PVC fuel and lubricant <ul style="list-style-type: none"> Resists hardening and swelling, and compatible with most hydrocarbons Translucent and flexible Ozone- and UV light-resistant 	Cole-Parmer® PVC Fuel and Lubricant



Tubing

Formulation	Offerings
Food, milk, and dairy <ul style="list-style-type: none"> • Smooth, nonporous bore inhibits particle entrapment • Chemical- and bacteria-resistant • Crystal clear for visual inspection and flow monitoring • Nontoxic, odor-free, and taste-free • Meets regulatory standards for use in food, dairy, and milk applications: FDA, 3A, NSF 	Cole-Parmer® Food, Milk, and Dairy
PTFE <ul style="list-style-type: none"> • Chemically inert and resistant to nearly all chemicals and solvents • Wide temperature range of -201°C to 260°C (-330°F to 500°F) • FDA, USP Class VI Compliant • Does not contain bisphenol A, melamine, N-nitrosamines, or phthalates • Sterilize by autoclave, EtO, and chemical sterilants 	Cole-Parmer® PTFE
FEP <ul style="list-style-type: none"> • Chemically inert, thermal-resistant rigid tubing with optical clarity • FDA, USP Class VI compliant • Does not contain bisphenol A, melamine, N-nitrosamines, or phthalates • Free of materials of animal origin 	Cole-Parmer® FEP
PFA <ul style="list-style-type: none"> • Wide temperature range of -160°C to 260°C (-320°F to 500°F) • BSE/TSE compliant • Complies with FDA 21 CFR 177.1550, USP Class VI, ASTM D 6867-03 • Sterilize by autoclave, EtO, and chemical sterilants • Does not contain bisphenol A, melamine, N-nitrosamines, or phthalates 	Cole-Parmer® PFA
PVDF <ul style="list-style-type: none"> • Chemical- and abrasion-resistant • FDA, USP Class VI compliant • Sterilize by autoclave, gamma irradiation, EtO, and chemical sterilants • Does not contain bisphenol A, melamine, N-nitrosamines, or phthalates 	Cole-Parmer® PVDF



Pumps

Choosing the Right Pump

Cole-Parmer® is offering peristaltic pumps in our industry-leading line of fluid handling solutions.

Peristaltic Pump Systems

The 100 Series offers convenient preconfigured drive and pump head options for off-the-shelf use in fermentation, cell culture, and numerous other applications. The compact, stackable design saves valuable benchtop space, while the maintenance-free, brushless motor with superior speed control ensures accurate and repeatable performance.

The 300 Series features interchangeable modular components for added flexibility. The MemoDose facility allows for precise single-shot dosing, and the optional serial interface enables streamlined remote operation and integration into automated systems.



Series	Drive	Pump Head	No. of Channels	Interchangeable Drive and Head	Multichannel Option	Flow Range* (mL/min)	Control
100	120S	400D1	1	No	No	0.01-120	Manual
		114DV				0.02-170	
		102R				0.03-54	
	120U	400D1				0.001-120	Manual, analog, and remote
		114DV				0.001-170	
		102R				0.003-54	
300	323S	313DW	1	Yes	Yes	0.81-2000	Manual
	323Du	313DW					Manual, analog, remote and RS-232

Peristaltic Pump Drives

The 323S and 323Du drives allow for speed control from 2 to 400 rpm in 1 rpm increments. Speed can be easily adjusted while the pump is stopped or running; reverse the direction with a simple push of a button. Program the pump to dispense a set amount of fluid each time using the MemoDose function.

The 323S drive features reliable manual control via a digital keypad interface.

The advanced features of the 323Du drive allow manual control or remote control to start/stop the pump or control the speed using analog signals (4 to 20 mA, 0 to 10 V) or an RS-232 interface.

Series	Drive	Pump Heads Accepted	Reversible Channels	IP Rating	Speed Range (rpm)	Flow Range* (mL/min)	Control
300	323S	313 or 314 Rapid-Load® pump heads or 314MC or 318MC multichannel pump heads	Yes	IP 31	2-400	0.002-2000	Manual
	323Du						Manual, analog, remote and RS-232

Pumps

Peristaltic Pump Heads

The single channel Rapid-Load® pump heads feature a flip-top design for fast and easy tubing changes. Select the three-roller model for high-flow applications or four-roller model for high performance and less pulsation. Add up to five extension pump heads depending on the type and size of tubing.

The multichannel microcassette pumps heads are specially designed for low-flow applications. Easily remove cassettes without disturbing other channels. Each pump head comes with five pumping channels which load easily with a single cam lever action. Add an extension pump head to double your pumping capability to 10 channels. Select the four-roller model for higher flow rate applications or the eight-roller model for higher precision with less pulsation.

Pump Head	Feature	Drives Compatible With	Tubing Sizes Accepted	No. of Channels	No. of Rollers	Flow Range* (mL/min)	
313DW	Rapid-Load® pump head	323S and 323Du	Standard tubing with 1.6 mm wall and bore sizes: 0.5, 0.8, 1.6, 3.2, 4.8, 6.4, 8 mm	1	3	0.09-2000	
313X	Extension Rapid-Load® pump head				4	0.09-1200	
314DW	Rapid-Load® pump head			2-stop tubing with bore sizes: 0.13, 0.19, 0.25, 0.38, 0.5, 0.63, 0.76, 0.88, 1.02, 1.14, 1.29, 1.42, 1.52, 1.65, 1.85, 2.05, 2.29, 2.54, 2.79 mm	5	4	0.002-53
314X	Extension Rapid-Load® pump head					8	0.002-36
314MC	Multichannel microcassette pump head						
314CX	Multichannel microcassette extension pump head						
318MC	Multichannel microcassette pump head						
318MCX	Multichannel microcassette extension pump head						

Flowmeters

Variable area Air / Water Flowmeters

Variable area flow meters are essential for precisely measuring liquid and gas flow rates. Whether you work in chemical processing, water treatment, food and beverage production, or pharmaceuticals, these devices offer clear and straightforward flow readings, helping you maintain efficient operations.

Our variable area acrylic flowmeters offer precision and durability for a wide range of applications

- Crystal-clear acrylic material with a stable float for easy viewing and long-lasting performance
- Corrosion-resistant fittings (stainless steel or brass) for reliability in harsh environments
- Versatile mounting options: easily convertible from panel to partial or full in-line configurations
- Easy-to-read English or metric scales for clear and precise measurement
- Secure panel mounting with hex nuts
- Easy disassembly and reassembly for quick cleaning and maintenance



Fittings

Choosing the Right Fittings

Fittings play a pivotal role in establishing a robust tubing assembly, reducing leaks, restrictions, or expensive downtimes. They are essential for seamlessly integrating tubing into various systems, enhancing fluid handling efficiency and reliability.

Key Aspects

- Hose barbs are for flexible tubing and must match the inner diameter of the tubing you're connecting with
- Compression fittings are for rigid tubing and must match the outer diameter of rigid tubing; the mating piece is the tubing
- Threaded fittings are gendered and need to connect male to female
- Luer fittings are not sized and connect male to female
- Sanitary fittings are easy to clean, have a "smoothness" rating, and require gaskets and clamps to work
- Chromatography fittings are chemically inert, small compression fittings
- We have multiple formulations to accommodate a wide variety of applications

Barbed Fittings

- Designed for effortless tubing assembly without the necessity for tools
- Ensures a robust seal ideal for high-pressure applications up to 30 psi (2 bar)
- Available in an array of sizes, materials, and configurations—from straight forward straight connectors to versatile threaded adapter elbows and branched tees
- Meet stringent sterility requirements



Sanitary Fittings

- Engineered for applications within the food, beverage, medical, pharmaceutical, and biological sectors, ensuring cleanliness, sterility, and chemical resistance
- Tailored for seamless integration with process lines and equipment
- Range includes Sanitary Fittings for Fluid Handling and Sanitary Fluid Handling Systems



Quick Disconnect Couplings

- Engineered for the demanding environments of laboratories and industrial settings
- Ensures a leak-proof, restriction-free connection, eliminating costly downtimes
- Includes Stainless Steel Quick Couplings, Industrial Quick Release Fittings, and High Pressure Quick Disconnects



Threaded Fittings

- Tailored for high-pressure applications in the laboratory equipment domain
- Designed with precision for permanent installations
- Comprehensive suite of threaded couplings and reducers, specifically engineered to facilitate seamless integration with rigid tubing



Fittings

Luer Fittings

- Crafted from 100% virgin raw materials for unparalleled purity and performance
- Plastic Luer fitting assemblies and speciality plastic Luer connectors are engineered for precision, offering seamless integration with syringes and small tubing
- Metal Luer fittings include male and female Luer connectors, stopcocks, and manifolds



Sterile Connectors

Genderless sterile connectors simplify process integration while maximizing flexibility.

- Ideal for general-purpose, laboratory, and single-use applications to connect tubing with the rest of your system
- Free technical application support available to determine which connector type is needed for your application
- Manufactured in an ISO Class 7 certified cleanroom to minimize contamination by pollutants
- Simple “flip, click, and pull” design minimizes operator errors
- Create quick and easy sterile connections, even in nonsterile environments
- Robust construction provides reliable and repeatable fluid transfer
- 0.5” nominal flow path size



Valves

Check Valves

- Ensure seamless flow control in your systems with our top-tier selection of check valves

These essential components are meticulously designed to prevent back flow, safeguarding your equipment from potential damage and operational disruptions. Our catalog features check valves tailored for various applications, highlighting key specifications like material composition, connection size, flow coefficient (Cv), operating pressure, temperature adaptability, orifice dimensions, and maximum pressure tolerance. Choose the ideal check valve that aligns with your specific needs, ensuring reliability and performance in any setting.



Product code	Product Description	Qty	HSN Code	Price
Fittings				
50107-60	Thread X Barb PP 1/8"	10/Pk	39174000	1300
50107-63	Thread X Barb PP 3/4"	10/Pk	39174000	1600
50107-73	Thread X Barb PP 1/8X1/8	10/Pk	39174000	1300
50107-84	Thread X Barb PP 1/4X1/4	10/Pk	39174000	1300
50107-89	Thread X Barb PP 1/4X1/2	10/Pk	39174000	1300
50107-95	Thread X Barb PP 3/8X3/8	10/Pk	39174000	1500
50108-05	Thread X Barb PP 1/2X3/8	10/Pk	39174000	1600
50108-08	Thread X Barb PP 1/2X1/2	10/Pk	39174000	1500
50108-11	Barb Union PP 3/32 ID	10/Pk	39174000	1100
50108-14	Barb Union PP 5/8 ID	10/Pk	39174000	1800
50108-18	Barb Union PP 1/16 ID	10/Pk	39174000	1100
50108-20	Barb Union PP 3/4 ID	10/Pk	39174000	2600
50108-22	Barb Union PP 1 ID	10/Pk	39174000	2300
50108-23	Barb Union PP OVRSIZE 1 ID	10/Pk	39174000	2600
50108-26	Barb Union PP 5/32 ID	10/Pk	39174000	1800
50108-29	Barb Union PP 1/8 ID	10/Pk	39174000	1400
50108-33	Barb Union PP 3/16 ID	10/Pk	39174000	1800
50108-36	Barb Union PP 1/4 ID	10/Pk	39174000	1300
50108-38	Barb Union PP 5/16 ID	10/Pk	39174000	1800
50108-43	Barb Union PP 3/8 ID	10/Pk	39174000	1300
50108-46	Barb Union PP 1/2 ID	10/Pk	39174000	2000
50108-49	Barb Reducer PP 3/32X1/16	10/Pk	39174000	1300
50108-51	Barb Reducer PP 5/8X1/4	10/Pk	39174000	1800
50108-53	Barb Reducer PP 5/8X5/16	10/Pk	39174000	1800
50108-55	Barb Reducer PP 5/8X3/8	10/Pk	39174000	1800
50108-57	Barb Reducer PP 5/8X1/2	10/Pk	39174000	1800
50108-59	Barb Reducer PP 3/4X3/8	10/Pk	39174000	2100
50108-61	Barb Reducer PP 3/4X1/2	10/Pk	39174000	2100
50108-63	Barb Reducer PP 1X5/8	10/Pk	39174000	2500
50108-65	Barb Reducer PP 1X3/4	10/Pk	39174000	2200
50108-67	Barb Reducer PP 1X1/2	10/Pk	39174000	2700
50108-70	Barb Reducer PP 5/32X3/32	10/Pk	39174000	1500
50108-74	Barb Reducer PP 5/32X1/8	10/Pk	39174000	1700
50108-77	Barb Reducer PP 1/8X3/32	10/Pk	39174000	1300
50108-81	Barb Reducer PP 1/8X1/16	10/Pk	39174000	1300
50108-82	Barb Reducer PP 3/16X3/32	10/Pk	39174000	1500
50108-85	Barb Reducer PP 3/16X1/16	10/Pk	39174000	1500
50108-88	Barb Reducer PP 3/16X1/8	10/Pk	39174000	1800
50108-90	Barb Reducer PP 1/4X3/32	10/Pk	39174000	2300
50108-92	Barb Reducer PP 1/4X1/16	10/Pk	39174000	2200
50108-95	Barb Reducer PP 1/4X5/32	10/Pk	39174000	1800
50108-99	Barb Reducer PP 1/4X1/8	10/Pk	39174000	1800
50109-02	Barb Reducer PP 1/4X3/16	10/Pk	39174000	1800
50109-04	Barb Reducer PP 5/16X5/32	10/Pk	39174000	1800
50109-05	Barb Reducer PP 5/16X1/8	10/Pk	39174000	1800
50109-07	Barb Reducer PP 5/16X3/16	10/Pk	39174000	1400
50109-10	Barb Reducer PP 5/16X1/4	10/Pk	39174000	1800
50109-12	Barb Reducer PP 3/8X5/32	10/Pk	39174000	1800

Product code	Product Description	Qty	HSN Code	Price
Fittings				
50109-14	Barb Reducer PP 3/8X1/8	10/Pk	39174000	1800
50109-17	Barb Reducer PP 3/8X1/4	10/Pk	39174000	2100
50109-19	Barb Reducer PP 3/8X5/16	10/Pk	39174000	1800
50109-21	Barb Reducer PP 1/2X1/4	10/Pk	39174000	2200
50109-23	Barb Reducer PP 1/2X5/16	10/Pk	39174000	1800
50109-25	Barb Reducer PP 1/2X3/8	10/Pk	39174000	2100
50109-30	Luer to Barb, Straight Adapter 3/16 PP	10/Pk	39174000	2900
50109-35	Luer to Barb, Straight Adapter 1/4 PP	10/Pk	39174000	2600
50109-40	Luer to Barb, Straight Adapter 5/16 PP	10/Pk	39174000	2600
50109-45	Luer to Plug fitting, Straight Adapter PP	10/Pk	39174000	2600
50109-70	Luer to Barb, Straight Adapter 3/32 PP	10/Pk	39174000	1000
50109-75	Luer to Barb, Straight Adapter 1/16 PP	10/Pk	39174000	860
50109-80	Luer to Barb, Straight Adapter 5/32 PP	10/Pk	39174000	940
50109-85	Luer to Barb, Straight Adapter 1/8 PP	10/Pk	39174000	1100
50109-90	Luer to Barb, Straight Adapter 3/16 PP	10/Pk	39174000	940
50109-95	Luer to Barb, Straight Adapter 1/4 PP	10/Pk	39174000	1100
50110-06	Male Luer X Barb PP 3/32"	10/Pk	39174000	1100
50110-11	Male Luer X Barb PP 1/16"	10/Pk	39174000	800
50110-16	Male Luer X Barb PP 5/32"	10/Pk	39174000	820
50110-21	Male Luer X Barb PP 1/8"	10/Pk	39174000	1100
50110-26	Male Luer X Barb PP 3/16"	10kPk	39174000	990
50110-31	Male Luer X Barb PP 1/4"	10/Pk	39174000	1100
50110-83	Hose Barb TEE PP 3/32"	10/Pk	39174000	1600
50110-86	Hose Barb TEE PP 5/8"	10/Pk	39174000	2200
50110-89	Hose Barb TEE PP 1/16"	10/Pk	39174000	1600
50110-91	Hose Barb TEE PP 3/4"	10/Pk	39174000	2600
50110-93	Hose Barb TEE PP 1"	10/Pk	39174000	2200
50110-96	Hose Barb TEE PP 5/32"	10/Pk	39174000	1700
50110-99	Hose Barb TEE PP 1/8"	10/Pk	39174000	1400
50111-03	Hose Barb TEE PP 3/16"	10/Pk	39174000	1700
50111-07	Hose Barb TEE PP 1/4"	10/Pk	39174000	1700
50111-09	Hose Barb TEE PP 5/16"	10/Pk	39174000	1700
50111-14	Hose Barb TEE PP 3/8"	10/Pk	39174000	1700
50111-17	Hose Barb TEE PP 1/2"	10/Pk	39174000	2200
50111-20	Hose Barb Y PP 3/32"	10/Pk	39174000	2000
50111-23	Hose Barb Y PP 5/8"	10/Pk	39174000	4900
50111-25	Hose Barb Y PP 3/4"	10/Pk	39174000	5000
50111-27	Hose Barb Y PP 1"	10/Pk	39174000	6100
50111-30	Hose Barb Y PP 1/16"	10/Pk	39174000	2000
50111-32	Hose Barb Y PP 5/32"	10/Pk	39174000	3000
50111-35	Hose Barb Y PP 1/8"	10/Pk	39174000	1900
50111-39	Hose Barb Y PP 3/16"	10/Pk	39174000	3000
50111-42	Hose Barb Y PP 1/4"	10/Pk	39174000	3500
50111-45	Hose Barb Y PP 5/16"	10/Pk	39174000	3500
50111-49	Hose Barb Y PP 3/8"	10/Pk	39174000	3500
50111-53	Hose Barb Y PP 1/2"	10/Pk	39174000	3700

Product code	Product Description	Qty	HSN Code	Price
Flowmeters				
15308-37	Variable Area Flowmeter, Acrylic, Water, 20 mL, 1/8" Brass, with Valve	Each	90261090	17100
15308-38	Variable Area Flowmeter, Acrylic, Water, 70 mL, 1/8" Brass, with Valve	Each	90261090	13900
15308-39	Variable Area Flowmeter, Acrylic, Water, 100 mL, 1/8" Brass, with Valve	Each	90261090	13900
15308-40	Variable Area Flowmeter, Acrylic, Water, 175 mL, 1/8" Brass, with Valve	Each	90261090	13900
15308-41	Variable Area Flowmeter, Acrylic, Water, 450 mL, 1/8" Brass, with Valve	Each	90261090	13900
15308-42	Variable Area Flowmeter, Acrylic, Water, 700 mL, 1/8" Brass, with Valve	Each	90261090	13900
15308-43	Variable Area Flowmeter, Acrylic, Water, 1400 mL, 1/8" Brass, with Valve	Each	90261090	13900

Tubing				
50119-55	Platinum-cured Silicone Tubing 61A 1/16X3/16	50Ft	39173290	10900
50119-56	Platinum-cured Silicone Tubing 61A 1/8X1/4"	50Ft	39173290	15000
50119-57	Platinum-cured Silicone Tubing 61A 3/16X5/16"	50Ft	39173290	19300
50119-58	Platinum-cured Silicone Tubing 61A 1/4X1/2"	50Ft	39173290	53800
50119-59	Platinum-cured Silicone Tubing 61A 3/8X5/8"	50Ft	39173290	71600
50119-60	Platinum-cured Silicone Tubing TBG 61A 3/16X7/16"	50Ft	39173290	46300
50119-61	Platinum-cured Silicone Tubing TBG 61A 1/4X3/8"	50Ft	39173290	23500
50119-62	Platinum-cured Silicone Tubing 61A 1/4X7/16"	50Ft	39173290	38700
50119-63	Platinum-cured Silicone Tubing TBG 61A 1/2X3/4"	50Ft	39173290	88000
50119-64	Platinum-cured Silicone Tubing 50A 1/16X3/16"	50Ft	39173290	13700
50119-65	Platinum-cured Silicone Tubing 50A 1/8X1/4"	50Ft	39173290	16100
50119-66	Platinum-cured Silicone Tubing 50A 3/16X5/16"	50Ft	39173290	24300
50119-67	Platinum-cured Silicone Tubing 50A 1/4X1/2"	50Ft	39173290	56900
50119-68	Platinum-cured Silicone Tubing 50A 3/8X5/8"	50Ft	39173290	63900
50119-69	Platinum-cured Silicone Tubing 50A 3/16X7/16"	50Ft	39173290	43200
50119-70	Platinum-cured Silicone Tubing 50A 1/4X3/8"	50Ft	39173290	23800
50119-71	Platinum-cured Silicone Tubing 50A 1/4X7/16"	50Ft	39173290	43200
50119-72	Platinum-cured Silicone Tubing 50A 1/2X3/4"	50Ft	39173290	94200
50121-42	Peroxide-cured Silicone Tubing 1/16X 3/16"	25Ft	39173300	5900
50121-43	Peroxide-cured Silicone Tubing 1/8 X 1/4"	25Ft	39173300	6500
50121-44	Peroxide-cured Silicone Tubing 3/16X 5/16"	25Ft	39173300	7200
50121-45	Peroxide-cured Silicone Tubing 1/4 X 3/8"	25Ft	39173300	8000
50121-46	Peroxide-cured Silicone Tubing 3/8 X 1/2"	25Ft	39173300	9200
50121-47	Peroxide-cured Silicone Tubing 3/16X 7/16"	25Ft	39173300	11500
50121-48	Peroxide-cured Silicone Tubing 1/4 X 1/2"	25Ft	39173300	12700
50121-49	Peroxide-cured Silicone Tubing 3/8 X 5/8"	25Ft	39173300	15800
50115-95	TPE Tubing 1/32 X 3/32"	50Ft	39173290	5500
50115-96	TPE Tubing 3/32 X 5/32"	50Ft	39173290	6800
50115-97	TPE Tubing 3/32 X 7/32"	50Ft	39173290	12500
50115-98	TPE Tubing 5/8 X 7/8"	50Ft	39173290	55700
50115-99	TPE Tubing 1/16 X 1/8"	50Ft	39173290	5900
50116-00	TPE Tubing 3/4 X 7/8"	50Ft	39173290	48000
50116-01	TPE Tubing 3/4 X 1"	50Ft	39173290	67400
50116-02	TPE Tubing 1/16 X 3/16"	50Ft	39173290	6600
50116-03	TPE Tubing 1 X 1.25"	50Ft	39173290	84200
50116-04	TPE Tubing 1/8 X 3/16"	50Ft	39173290	8400
50116-05	TPE Tubing 1/8 X 1/4"	50Ft	39173990	12500
50116-06	TPE Tubing 3/16 X 1/4"	50Ft	39173290	12400

Product code	Product Description	Qty	HSN Code	Price
Tubing				
50116-07	TPE Tubing 3/16 X 5/16"	50Ft	39173290	14700
50116-08	TPE Tubing 3/16 X 3/8"	50Ft	39173290	20500
50116-09	TPE Tubing 3/16 X 7/16"	50Ft	39173290	18200
50116-10	TPE Tubing 1/4 X 3/8"	50Ft	39173290	15000
50116-11	TPE Tubing 1/4 X 7/16"	50Ft	39173290	18200
50116-12	TPE Tubing 1/4 X 1/2"	50Ft	39173290	21900
50116-13	TPE Tubing 5/16 X 7/16"	50Ft	39173290	17900
50116-14	TPE Tubing 5/16 X 1/2"	50Ft	39173290	19900
50116-15	TPE Tubing 3/8 X 5/8"	50Ft	39173290	40200
50116-16	TPE Tubing 3/8 X 1/2"	50Ft	39173290	19500
50116-17	TPE Tubing 3/8 X 9/16"	50Ft	39173290	26100
50116-18	TPE Tubing 1/2 X 3/4"	50Ft	39173290	47700
50116-38	TPE Soft Tubing 1/32X3/32"	50Ft	39173290	5600
50116-39	TPE Soft Tubing 3/32X5/32"	50Ft	39173290	6900
50116-40	TPE Soft Tubing 5/8X7/8"	50Ft	39173290	56600
50116-41	TPE Soft Tubing 1/16X1/8"	50Ft	39173290	5900
50116-42	TPE Soft Tubing 3/4X1"	50Ft	39173290	67400
50116-43	TPE Soft Tubing 1/16X3/16"	50Ft	39173290	6600
50116-44	TPE Soft Tubing 1X1-1/4"	50Ft	39173290	84200
50116-45	TPE Soft Tubing 1/8X3/16"	50Ft	39173290	8300
50116-46	TPE Soft Tubing 1/8X1/4"	50Ft	39173290	12700
50116-47	TPE Soft Tubing 3/16X1/4"	50Ft	39173290	12400
50116-48	TPE Soft Tubing 3/16X5/16"	50Ft	39173290	14700
50116-49	TPE Soft Tubing 3/16X3/8"	50Ft	39173290	20500
50116-50	TPE Soft Tubing 1/4X3/8"	50Ft	39173290	15000
50116-51	TPE Soft Tubing 1/4X7/16"	50Ft	39173290	18200
50116-52	TPE Soft Tubing 1/4X1/2"	50Ft	39173290	21900
50116-53	TPE Soft Tubing 5/16X7/16"	50Ft	39173290	17900
50116-54	TPE Soft Tubing 3/8X5/8"	50Ft	39173290	40200
50116-55	TPE Soft Tubing 3/8X1/2"	50Ft	39173290	19500
50116-56	TPE Soft Tubing 1/2X3/4"	50Ft	39173290	47700
50119-73	SEBS Tubing 1/16 X 3/16"	50Ft	39173290	8900
50119-74	SEBS Tubing 1/8 X 1/4"	50Ft	39173290	11500
50119-75	SEBS Tubing 3/16 X 5/16"	50Ft	39173290	12500
50119-76	SEBS Tubing 1/4 X 1/2"	50Ft	39173290	24200
50119-77	SEBS Tubing 3/8 X 5/8"	50Ft	39173290	32700
50119-78	SEBS Tubing 3/16 X 7/16"	50Ft	39173290	10500
50119-79	SEBS Tubing 1/4 X 3/8"	50Ft	39173290	13200
50119-80	SEBS Tubing 1/4 X 7/16"	50Ft	39173290	18300
50119-81	SEBS Tubing 1/2 X 3/4"	50Ft	39173290	44400
50119-82	TPV Tubing 1/16 X 3/16"	50Ft	39173290	24300
50119-83	TPV Tubing 1/8 X 1/4"	50Ft	39173290	56000
50119-84	TPV Tubing 3/16 X 5/16"	50Ft	39173290	28900
50119-85	TPV Tubing 1/4 X 1/2"	50Ft	39173290	57800
50119-86	TPV Tubing 3/8 X 5/8"	50Ft	39173290	55900
50119-87	TPV Tubing 3/16 X 7/16"	50Ft	39173290	31200
50119-88	TPV Tubing 1/4 X 3/8"	50Ft	39173290	33900

Product code	Product Description	Qty	HSN Code	Price
Tubing				
50119-89	TPV Tubing 1/4 X 7/16"	50Ft	39173290	44000
50119-90	TPV Tubing 1/2 X 3/4"	50Ft	39173290	67800
50115-73	TPV Tubing 3/32X5/32"	50Ft	39173290	10400
50115-74	TPV Tubing 3/32X7/32"	50Ft	39173290	14600
50115-75	TPV Tubing 5/8X7/8"	50Ft	39173290	83600
50115-76	TPV Tubing 1/16X1/8"	50Ft	39173290	9000
50115-77	TPV Tubing 3/4X1"	50Ft	39173290	99300
50115-78	TPV Tubing 1/16X3/16"	50Ft	39173290	9700
50115-79	TPV Tubing 1X1.25"	50Ft	39173290	124000
50115-80	TPV Tubing 1/8X3/16"	50Ft	39173290	12500
50115-81	TPV Tubing 1/8X1/4"	50Ft	39173290	18700
50115-82	TPV Tubing 3/16X1/4"	50Ft	39173290	18500
50115-83	TPV Tubing 3/16X5/16"	50Ft	39173290	21700
50115-84	TPV Tubing 3/16X3/8"	50Ft	39173290	30300
50115-85	TPV Tubing 1/4X3/8"	50Ft	39173290	22200
50115-86	TPV Tubing 1/4X7/16"	50Ft	39173290	27000
50115-87	TPV Tubing 1/4X1/2"	50Ft	39173290	32400
50115-88	TPV Tubing 5/16X7/16"	50Ft	39173290	26500
50115-89	TPV Tubing 5/16X1/2"	50Ft	39173290	29500
50115-90	TPV Tubing 3/8X5/8"	50Ft	39173290	59300
50115-91	TPV Tubing 3/8X1/2"	50Ft	39173290	28900
50115-92	TPV Tubing 3/8X9/16"	50Ft	39173290	38400
50115-93	TPV Tubing 1/2X5/8"	50Ft	39173290	53900
50115-94	TPV Tubing 1/2X3/4"	50Ft	39173290	70500
50106-20	Tubing E3603 1/32X3/32"	50Ft	39172990	1500
50106-21	Tubing E3603 1/16X1/8"	50Ft	39172990	2400
50106-22	Tubing E3603 1/16X3/16"	50Ft	39172990	6100
50106-23	Tubing E3603 3/32X5/32"	50Ft	39172990	3100
50106-24	Tubing E3603 3/32X7/32"	50Ft	39172990	7900
50106-25	Tubing E3603 1/8X3/16"	50Ft	39172990	3800
50106-26	Tubing E3603 1/8X1/4"	50Ft	39172990	9200
50106-27	Tubing E3603 5/32X7/32"	50Ft	39173290	4700
50106-28	Tubing E3603 3/16X5/16"	50Ft	39172990	12800
50106-29	Tubing E3603 3/16X3/8"	50Ft	39172990	20500
50106-30	Tubing E3603 1/4X3/8"	50Ft	39173290	15500
50106-31	Tubing E3603 1/4X7/16"	50Ft	39172990	24900
50106-32	Tubing E3603 1/4X1/2"	50Ft	39172990	30200
50106-33	Tubing E3603 5/16X7/16"	50Ft	39173290	17900
50106-34	Tubing E3603 5/16X1/2"	50Ft	39172990	26200
50106-35	Tubing E3603 5/16X9/16"	50Ft	39172990	31400
50106-36	Tubing E3603 3/8X1/2"	50Ft	39173290	20700
50106-37	Tubing E3603 3/8X9/16"	50Ft	39172990	26900
50106-38	Tubing E3603 3/8X5/8"	50Ft	39172990	38800
50106-39	Tubing E3603 7/16X9/16"	50Ft	39172990	24600
50106-40	Tubing E3603 1/2X5/8"	50Ft	39173290	25400
50106-41	Tubing E3603 1/2X11/16"	50Ft	39172990	35200
50106-42	Tubing E3603 1/2X3/4"	50Ft	39172990	48000

Product code	Product Description	Qty	HSN Code	Price
Tubing				
50106-43	Tubing E3603 1/2X13/16"	50Ft	39172990	60000
50106-44	Tubing E3603 5/8X13/16"	50Ft	39172990	42000
50106-45	Tubing E3603 5/8X7/8"	50Ft	39172990	54800
50106-46	Tubing E3603 3/4X1"	50Ft	39172990	61800
50106-47	Tubing E3603 3/4X1-1/8"	50Ft	39172990	96400
50106-48	Tubing E3603 1X1-1/4"	50Ft	39172990	77200
50106-49	Tubing E3603 1X1-1/2"	50Ft	39172990	171000
50120-97	PVC Lab Tubing 1/8 X 1/4"	50Ft	39174000	8500
50120-98	PVC Lab Tubing 1/4 X 3/8"	50Ft	39174000	12600
50120-99	PVC Lab Tubing 1/4 X 7/16"	50Ft	39174000	20000
50121-00	PVC Lab Tubing 5/16 X 7/16"	50Ft	39174000	15200
50121-01	PVC Lab Tubing 5/16 X 1/2"	50Ft	39174000	22800
50121-02	PVC Lab Tubing 3/8 X 1/2"	50Ft	39174000	17100
50121-03	PVC Lab Tubing 3/8 X 9/16"	50Ft	39174000	27300
50121-04	PVC Lab Tubing 3/8 X 5/8"	50Ft	39174000	40300
50121-05	PVC Lab Tubing 1/2 X 5/8"	50Ft	39174000	23400
50121-06	PVC Lab Tubing 1/2 X 3/4"	50Ft	39174000	48500
50121-07	PVC Lab Tubing 3/4 X 1"	50Ft	39174000	71400
50121-08	PVC Lab Tubing 1 X 1-1/4"	50Ft	39174000	89800
50121-09	PVC Lab Tubing 2 X 4 MM	15M	39174000	4700
50121-10	PVC Lab Tubing 3 X 5 MM	15M	39174000	5600
50121-11	PVC Lab Tubing 4 X 6 MM	15M	39174000	11400
50121-12	PVC Lab Tubing 5 X 8 MM	15M	39174000	13000
50121-13	PVC Lab Tubing 6 X 9 MM	15M	39174000	27500
50121-14	PVC Lab Tubing 8 X 12 MM	15M	39174000	47400
50121-15	PVC Lab Tubing 1/8 X 3/16"	50Ft	39174000	6500
50121-16	PVC Lab Tubing 1/16 X 1/8"	50Ft	39174000	3700
50121-17	PVC Lab Tubing 3/32 X 5/32"	50Ft	39174000	5400
50121-18	PVC Vacuum Tubing 3/16X9/16"	50Ft	39174000	73700
50121-19	PVC Vacuum Tubing 1/4X 5/8"	50Ft	39174000	79700
50121-20	PVC Vacuum Tubing 3/8X 7/8"	50Ft	39174000	132000
50121-21	PVC Vacuum Tubing 1/2X1-1/8"	50Ft	39174000	172000
50121-22	TPR Black Tubing 1/8 X 1/4"	25Ft	39173100	2700
50121-23	TPR Black Tubing 3/16 X 5/16"	25Ft	39173290	2900
50121-24	TPR Black Tubing 3/16 X 3/8"	25Ft	39173290	4400
50121-25	TPR Black Tubing 1/4 X 3/8"	25Ft	39173100	5300
50121-26	TPR Black Tubing 1/4 X 7/16"	25Ft	39173290	5400
50121-27	TPR Black Tubing 1/4 X 1/2"	25Ft	39173290	7900
50121-28	TPR Black Tubing 3/8 X 1/2"	25Ft	39173290	7800
50121-29	TPR Black Tubing 3/8 X 5/8"	25Ft	39173290	10700
50121-30	TPR Black Tubing 1/2 X 5/8"	25Ft	39173290	7000
50121-31	TPR Black Tubing 1/2 X 3/4"	25Ft	39173290	12700
50121-32	TPR Black Tubing 5/8 X 13/16"	25Ft	39173290	14000
50121-33	TPR Black Tubing 1/8 X 3/8"	25Ft	39173290	5500
50121-34	Fuel & Lubricant Tubing .08 X .14	25Ft	39173100	3100
50121-35	Fuel & Lubricant Tubing 1/8 X1/4"	25Ft	39173100	4500
50121-36	Fuel & Lubricant Tubing 3/16X5/16"	25Ft	39173100	6500

Product code	Product Description	Qty	HSN Code	Price
Tubing				
50121-37	Fuel & Lubricant Tubing 1/4 X 3/8"	25Ft	39173100	8000
50121-38	Fuel & Lubricant Tubing 5/16X7/16"	25Ft	39173100	9500
50121-39	Fuel & Lubricant Tubing 3/8 X 1/2"	25Ft	39173100	11400
50121-40	Fuel & Lubricant Tubing 7/16X9/16"	25Ft	39173100	12800
50121-41	Fuel & Lubricant Tubing 1/2 X 3/4"	25Ft	39173100	26100
50121-50	Food/Dairy Tubing 1/16X1/8"	50Ft	39173100	2000
50121-51	Food/Dairy Tubing 3/32X5/32"	50Ft	39173100	2600
50121-52	Food/Dairy Tubing 1/8X3/16"	50Ft	39173100	3100
50121-53	Food/Dairy Tubing 1/8X1/4"	50Ft	39173100	7500
50121-54	Food/Dairy Tubing 3/16X5/16"	50Ft	39173100	10400
50121-55	Food/Dairy Tubing 3/16X1/4"	50Ft	39173100	4400
50121-56	Food/Dairy Tubing 3/16X7/16"	50Ft	39173100	22800
50121-57	Food/Dairy Tubing 1/4X3/8"	50Ft	39173100	12500
50121-58	Food/Dairy Tubing 1/4X7/16"	50Ft	39173100	20300
50121-59	Food/Dairy Tubing 1/4X1/2"	50Ft	39173100	24500
50121-60	Food/Dairy Tubing 5/16X7/16"	50Ft	39173100	14500
50121-61	Food/Dairy Tubing 5/16X1/2"	50Ft	39173100	21200
50121-62	Food/Dairy Tubing 5/16X9/16"	50Ft	39173100	25600
50121-63	Food/Dairy Tubing 3/8X1/2"	50Ft	39173100	16900
50121-64	Food/Dairy Tubing 3/8X9/16"	50Ft	39173100	21800
50121-65	Food/Dairy Tubing 3/8X5/8"	50Ft	39173100	31400
50121-66	Food/Dairy Tubing 7/16X9/16"	50Ft	39173100	19900
50121-67	Food/Dairy Tubing 1/2X5/8"	50Ft	39173100	20500
50121-68	Food/Dairy Tubing 1/2X11/16"	50Ft	39173100	28400
50121-69	Food/Dairy Tubing 1/2X3/4"	50Ft	39173100	38300
50121-70	Food/Dairy Tubing 5/8X13/16"	50Ft	39173100	33900
50121-71	Food/Dairy Tubing 5/8X7/8"	50Ft	39173100	44300
50121-72	Food/Dairy Tubing 5/8X15/16"	50Ft	39173100	54200
50121-73	Food/Dairy Tubing 3/4 X 1"	50Ft	39173100	49900
50121-74	Food/Dairy Tubing 3/4X1-1/4"	50Ft	39173100	111000
50121-75	Food/Dairy Tubing 3/4X1-1/8"	50Ft	39173100	78000
50121-76	Food/Dairy Tubing 7/8X1-1/8"	50Ft	39173100	55600
50121-77	Food/Dairy Tubing 1X1-1/4"	50Ft	39173100	62500
50121-78	Food/Dairy Tubing 1X1-3/8"	50Ft	39173100	98700
50121-79	Food/Dairy Tubing 1X1-1/2"	50Ft	39173100	138000
50121-80	Food/Dairy Tubing 1.25X1.5"	50Ft	39173100	76200
50121-81	Food/Dairy Tubing 1-1/2X2"	50Ft	39173100	194000
50121-82	Food/Dairy Tubing 1.75X2.25"	50Ft	39173100	217000
50121-83	Food/Dairy Tubing 2X2-1/2"	50Ft	39173100	259000
50119-15	FEP Tubing 1/16 X 1/8"	50Ft	39173290	11000
50119-16	FEP Tubing 3/32 X 5/32"	50Ft	39173290	15400
50119-17	FEP Tubing 1/8 X 3/16"	50Ft	39173290	18700
50119-18	FEP Tubing 1/8 X 1/4"	50Ft	39173290	31900
50119-19	FEP Tubing 3/16 X 1/4"	50Ft	39173290	19900
50119-20	FEP Tubing 1/4 X 5/32"	50Ft	39173290	27300
50119-23	FEP Tubing 7/16 X 1/2"	50Ft	39173290	43200
50119-24	FEP Tubing 1/2 X 9/16"	50Ft	39173290	55900

Product code	Product Description	Qty	HSN Code	Price
Tubing				
50119-35	PFA Tubing 1/16 X 1/8"	50Ft	39173990	13800
50119-36	PFA Tubing 3/32 X 5/32"	50Ft	39173990	20200
50119-37	PFA Tubing 1/8 X 3/16"	50Ft	39173990	23300
50119-38	PFA Tubing 1/8 X 1/4"	50Ft	39173990	44700
50119-39	PFA Tubing 3/16 X 1/4"	50Ft	39173990	26800
50119-40	PFA Tubing 1/4 X 5/32"	50Ft	39173990	37000
50119-43	PFA Tubing 7/16 X 1/2"	50Ft	39173990	26800
50119-44	PFA Tubing 1/2 X 9/16"	50Ft	39173990	73500
50119-45	PTFE Tubing 1/16 X 1/8"	50Ft	39173290	11000
50119-47	PTFE Tubing 1/8 X 3/16"	50Ft	39173290	20400
50119-48	PTFE Tubing 1/8 X 1/4"	50Ft	39173290	41300
50119-49	PTFE Tubing 3/16 X 1/4"	50Ft	39173290	20700
50119-50	PTFE Tubing 1/4 X 5/32"	50Ft	39173290	35800
50119-53	PTFE Tubing 7/16 X 1/2"	50Ft	39173290	65400
50119-25	PVDF Tubing 1/16 X 1/8"	50Ft	39173990	9300
50119-27	PVDF Tubing 1/8 X 3/16"	50Ft	39173990	13800
50119-28	PVDF Tubing 1/8 X 1/4"	50Ft	39173990	20700
50119-29	PVDF Tubing 3/16 X 1/4"	50Ft	39173990	14200
50119-30	PVDF Tubing 1/4 X 5/32"	50Ft	39173990	18300

Valves				
50115-20	Mini Valve Check PP 1/8"ID 1	Each	84813000	410
50115-21	Mini Valve Check PP 3/16"ID	Each	84813000	530
50115-22	Mini Valve Check PP 5/16"ID	Each	84813000	530
50115-48	Mini Valve Check PP 1/4"ID 1	Each	39174000	520
50115-18	Mini Valve Check NYLN 1/8"ID	Each	84813000	660
50115-19	Mini Valve Check NYLN 1/4"ID	Each	84813000	660
50115-68	Mini Valve Check NYLN 3/16"ID	Each	39174000	650
50114-92	Mini Valve Check PVDF 1/4"ID	Each	39174000	910
50115-23	Mini Valve Check PVDF 3/16"ID	Each	84813000	910
50115-24	Mini Valve Check PVDF 3/8"ID	Each	84813000	1200
50115-57	Mini Valve Check PVDF 1/8"ID	Each	84813000	910

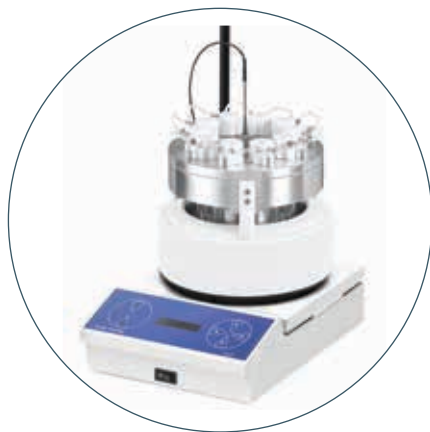
Laboratory Equipments

Instruments for scientific, R&D, and educational laboratories across the globe.

Reaction Station

Integrity 10 Reaction Station

Reduce the time it takes to screen a large number of conditions.



CATEGORIES

INTEGRITY 10

REACTION STATION
ACCESSORIES

RS 200 SERIES

RS 250 SERIES

Looking for Accessories?

Enhance your Integrity 10 by adding accessories. We offer a wide range of accessories to complement your reaction station, we are your source for instruments and accessories.

Contact us today at +1.800.266.1244 to speak to a technical expert

Reaction Station

Integrity 10 Reaction Station

- 10 individual cells in one unit
- Individual control of temperature and stirring rate for each cell
- Automatic microprocessor control through a touchscreen

Integrity 10 reaction station's evolutionary design provides the advanced laboratory with a means for allowing the users to perform multiple reactions at individually set temperatures both in negative and positive temperature ranges simultaneously. Each cell position can be heated/cooled and stirred independently of the cell next to or close to it. The versatility of the product means it can be used inside a fume hood, mounted onto a robotic platform, coupled together as multiple units for mass sampling, or simply operated free standing on a laboratory work surface.

Extreme temperature accuracy is guaranteed, with a temperature stability of $\pm 0.5^{\circ}\text{C}$ and a minimal set point overshoot of 0.5°C . The temperature may be maintained either through the block itself or by using a probe within each cell's solution. This accuracy can be maintained over a wide temperature range of -30°C to 150°C , with precise, independently controlled temperature profiles. Homogeneous sample mixing can be assured with stirring rates from 350 to 1200 rpm using magnetic stirrers. If desired, fast heating and cooling rates can be selected, with temperature ramps between $0.1^{\circ}\text{C}/\text{min}$ to $5^{\circ}\text{C}/\text{min}$. There is also a crash function for even faster temperature changes, which is ideal for kinetic determinations. With working volumes between 1 mL to 25 mL, the Integrity 10 is an excellent screening tool for most laboratories and can also be used to establish ideal process conditions.

Easily set up test parameters using the user-friendly touchscreen menu. Intuitive icons reduce potential for costly errors while preprogrammed profiles for routine measurements save you time. Store results with information such as reaction composition, experiment owner, concentration, and the name of the profile with data stamp. View the progress of the reaction within each cell on the large monitor. It can also display results graphically at-a-glance. Extensive storage capacity lets you capture and review data.

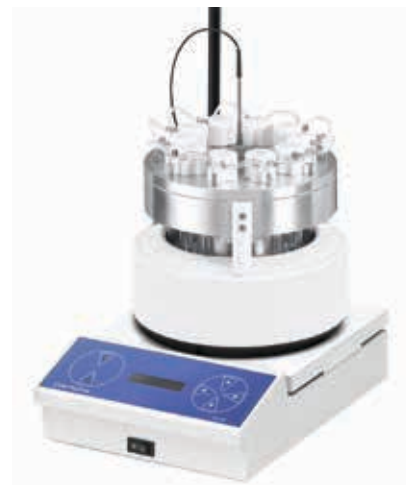


Reaction Station

RS-200 Series Reaction Station

The RS-200 reaction station enables you to run up to 10 reactions simultaneously at the same controlled temperature and stirring rate, and with a working volume of 1 to 25 mL.

- Greater stirring stability and stir speeds of 100 to 800 rpm
- Simple menus and touchpad interface to control the system performance
- Heater cartridge is equipped with “in block heaters” that allows temperatures up to 220°C
- High level of stability ($\pm 1.5^{\circ}\text{C}$) across the heater cartridge itself
- An external temperature probe to increase temperature accuracy to $\pm 0.5^{\circ}\text{C}$
- Outer housing remains “cool to the touch” for extra safety
- Use optional cooling plug to extend the temperature range down to -30°C (-22°F)
- 3-year warranty



RS-250 Series Reaction Station

The RS-250 reaction station has 10 positions that can be programmed to run at the same temperature and stirring rate simultaneously. It can be used for a wide range of applications from simple synthesis in the laboratory to process optimization.

- 10 position reaction station
- Designed for 24 mm/25 mm diameter vessels
- Can accommodate 16 mm and other diameter vessels with appropriate adapter sleeves
- Sample sizes from 1 mL to 25 mL
- Controlled temperature range from ambient $+5^{\circ}\text{C}$ to 150°C
- Powerful stir speed from 400 to 2000 rpm
- Manual and external control via the RS-232/RS-485 interface ports
- Low running costs as only 300 W power consumption
- 3-year warranty



Melting Point Apparatus

Determine the melting point of a substance

Most melting point apparatuses have a unique exterior look, but the interiors all house a melting point capillary. The melting point apparatus records the temperature range of the melting procedure and allows you to review the process.



CATEGORIES

MP 200 SERIES

MP 250 SERIES

MP 400 SERIES

MP 800 SERIES

Melting Point Apparatus

MP-200 Series Digital Melting Point Apparatus

The MP-200D and MP-200D-HR have been designed with safety and ease of operation in mind making it ideal for use in education. The temperature is selected, measured and displayed digitally, ensuring accuracy and negating the need for a thermometer.

- Save time by setting a plateau temperature for initial warm-up
- Easily view the melt via magnifying lens with built-in illumination
- Be more productive—test two samples simultaneously
- Extendable back feet for optimal viewing angle
- Full access to the block allows easy cleaning and maintenance
- 3-year warranty



MP-250 Series Digital Melting Point Apparatus

The MP-250 series digital melting point apparatus offers an easy way to measure the melting points of samples without sacrificing accuracy & it is ideal for multiple users. The MP-250D and MP-250D-F models feature two fixed ramp rates: a quick rate to define the approximate melt temperature of your sample and a slower rate to accurately attain the true melt temperature of your chemical sample.

- Advanced 32-bit microcontroller and step-through menu let you accurately control oven temperature and ramp rate
- View up to three samples simultaneously for greater efficiency
- Rotating viewing head ensures each user can analyze samples clearly
- Integral light and 8x magnifying lens enhance sample observation
- Tube guide removal for cleaning and use of cold finger
- 13-key membrane keypad
- 3-year warranty



Our Technical Experts Have the Answer!

Whether you need help choosing the right product for your application, or are looking to troubleshoot an existing issue, we can help. Our team offers expertise in a number of scientific and industrial disciplines.

Contact us today at +1.800.266.1244 to speak to a technical expert

Melting Point Apparatus

MP-400 Series Advanced Digital Melting Point Apparatus

The MP-400 lets you test three samples simultaneously and features a maximum temperature of 400°C, a variable ramp, and three programmable methods for repeated use.

- Intuitive menu interface guides you through the melting process with comprehensive directions
- Three methods can be stored for repeated use and the plateau temperature and heating rate are fully programmable
- Record up to seven temperature readings for each sample with date-and-time stamp
- Adjust the viewing head two ways for optimal viewing and comfort—move forwards/backwards as well as tilt up to 126°
- Useful features such as slots for storing pre-prepared samples and a storage drawer to hold capillary tubes
- 3-year warranty



MP-800 Series Automatic Digital Melting Point Apparatus

Advanced features with a familiar interface make the MP-800 the ideal melting point apparatus for your pharmaceutical, raw material, and quality control applications.

- Advanced digital image processing produces a high-resolution video of the sample melt
- Get up and running quickly intuitive setup and navigation on large color touchscreen
- Use the rapid ramp mode to take a fast scan of the full temperature range
- 8 GB on-board memory storage
- Conforms to USP and GLP requirements
- 3-year warranty



Hot Plates and Stirrers

Accurate Heating and Stirring Control

Get consistent results with hot plates and stirrers that heat and mix your liquids and solutions evenly.

CATEGORIES

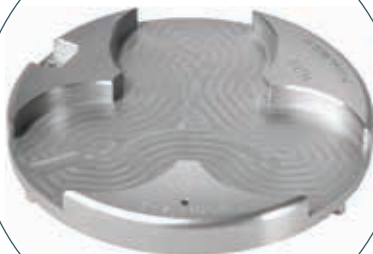
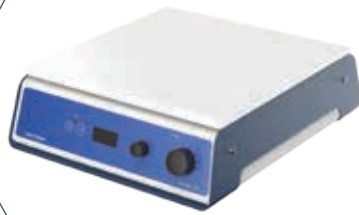
UNDERGRAD ANALOG
AND DIGITAL HOT PLATES,
STIRRERS AND STIRRING
HOT PLATES

LARGE-CAPACITY HOT
PLATES AND STIRRING
HOT PLATES

MULTIPOSITION STIRRING
HOT PLATES

DIGITAL HOT PLATES

HEATING BLOCKS



Hot Plates and Stirrers

Undergrad Analog and Digital Hot Plates, Stirrers and Stirring Hot Plates

- Get true temperature setting and accurate stirring control
- Hot warning light remains on even when unplugged
- BioCote® antimicrobial protection is built in for a cleaner, more hygienic product
- Built with tough aluminum casing for longevity
- Designed to prevent accidental spillage on control panel
- Compact, stackable design takes up less benchtop and storage space
- IP32 rated for water and dust resistance

Designed with microprocessor-controlled dual thermocouples, these stirring hot plates offer you accurate temperature control and protection from over-heating. The analog models feature a colored LED indicator which surrounds the heat control knob illuminating the actual surface temperature in real time. Digital models display the actual surface temperature in real time on an easy-to-read digital screen.

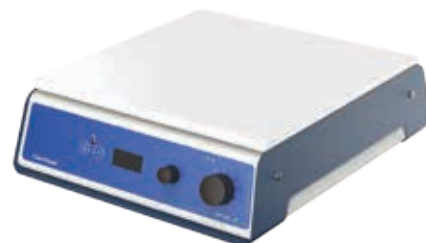
Powerful magnets and motor provide you with stirring speeds of up to 2000 rpm and mixing capability of up to 15 L of liquid. The square plate design allows you flexibility of vessel sizes and combinations. Up to four 250 mL beakers can easily fit on the surface at the same time.



Large-Capacity Hot Plates and Stirring Hot Plates

- Units are available with 30 x 30 cm (12 x 12") or 30 x 50 cm (12 x 20") plate area to accommodate one large or several small vessels
- Choice of glass ceramic, aluminum, or stainless steel top plate materials

Heating units have a max temperature up to 450°C on ceramic tops or 300°C for aluminum. Stirring units have powerful magnets for strong magnetic coupling and speeds up to 1500 rpm on some models.



Multiposition Stirring Hot Plates

- Three independent stirring or heating/stirring positions yet only measures 23 $\frac{5}{8}$ "L x 10 $\frac{5}{8}$ "W (60 x 27 cm)
- Powerful magnets for strong magnetic coupling and stirring capacity
- Easily accommodate a 2 L beaker in each position

Three independently controlled position units only require one power source. Run three separate tests at the same time or run multiple samples under the same conditions.



Hot Plates and Stirrers

Digital Hot Plates

Provides extremely accurate and repeatable results in lightweight, hand-held design.

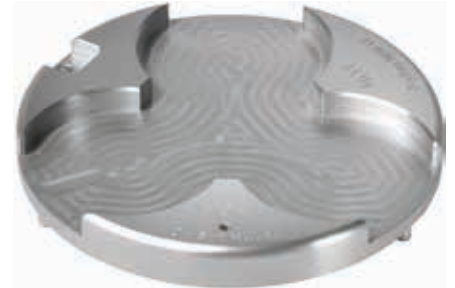
- Handles samples from <200 μ L to 120 mL
- Integrated digital speed display ensures consistent results
- Motor holds processing speed to 0.5% accuracy
- Provides ultra quiet operation
- On-board memory stores last set speed
- Bayonet probe mounting system features fast release
- Light weight ergonomic design



Heating Blocks

- Safest way to heat round-bottom flasks
- Flexible modular system for a wide range of sizes up to 500 mL
- Low-well design is perfect for multi-neck flasks

Designed to heat round-bottom flasks, the heating block system with interchangeable inserts can be used with various Cole-Parmer hot plates and hot plate stirrers with 6"X6" top plate.



Looking for Accessories?

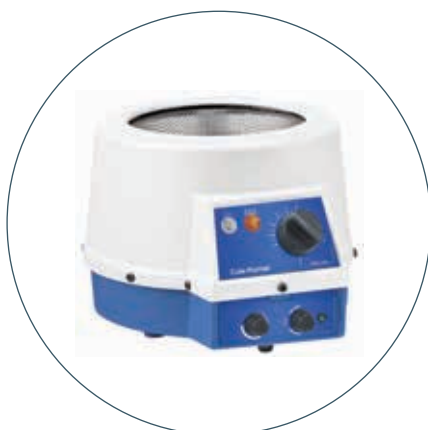
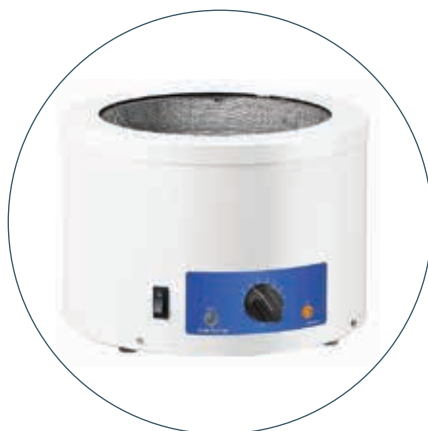
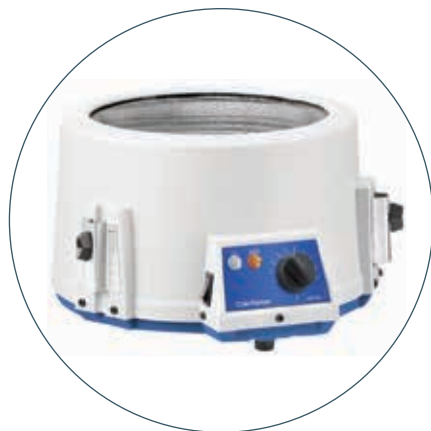
Optimize performance of your hot plates, stirrers, and stirring hot plates with support rods and kits, temperature probes and temperature controllers.

Contact us today at +1.800.266.1244 to speak to a technical expert

Heating Mantles

Accurate, Easy-to-Use Heating Solution

Lab heating mantles are used to uniformly heat various lab and glassware vessels and a good alternative to heating baths.



CATEGORIES

HM 200 ELECTROMANTLES

HM 200 CONTROLLED
ELECTROMANTLES

HM 100 UNCONTROLLED
ELECTROMANTLES

SHM 200 HEATING AND
STIRRING ELECTROMANTLES

SHM 250 DIGI-MANTLES

Heating Mantles

HM-200 Electromantles

- Chemically resistant polypropylene outer casing
- Use with round bottom flasks from 50 mL to 5 L
- Unique ventilation system which allows outer casing to remain safe to touch
- Maximum element temperature of 450°C
- Model HM-200-5000 has 2 circuits for upper and lower level heating
- Grounded earth screen and double fuses for extra safety
- Supplied with bracket for 1.3 cm diameter support rods (support rods sold separately)

The Cole-Parmer HM-200 series electromantles are manufactured to the highest quality. Each mantle is made with extreme care and is hand sewn to assure its reliability, quality and safety. Maximum heat transfer to the sample is achieved by having excellent insulation around the cartridge and good flask coverage.



HM-200 Controlled Electromantles

- Round bottom flask capacity between 50 mL to 1000 mL
- Element temperature up to 450°C, built-in energy regulator
- Indicator lamps for power and heater operation
- “Cool-to-the-touch” exterior
- Grounded earth screen and double fuses for extra safety

The HM-200 metal-cased electromantles are used in chemistry to heat liquids in round bottom flasks. They are ideal for busy laboratories with multiple users as they are very safe to use, the metal case being designed to remain cool when in operation.



HM-100 Uncontrolled Electromantles

- Round bottom flask capacity between 100 mL to 1000 mL
- Element temperature up to 450°C, built-in energy regulator
- Indicator lamps for power and heater operation
- Replaceable insulated heater cartridge
- Rugged, easy to clean powder coated aluminum casing
- Flexible coiled heating elements absorb shock, minimizing the risk of flask breakage
- Heating element is attached to a rigid thermal insulating cartridge to ensure maximum heat transfer and support
- Safety features include grounded earth stainless steel screen covering the heating element, and double fuses

The HM-100 heating mantles are used in wet chemistry to heat liquids in round bottom flasks. The metal case is designed to remain “cool-to-the-touch” when in operation.



Heating Mantles

SHM-200 Heating and Stirring Electromantles

- Accepts round bottom flasks from 50 mL to 2 L capacity
- Bi-directional stirring speeds up to 520 rpm
- Stir bar “auto-recapture” function
- “Cool-to-touch” design
- Maximum element temperature up to 450°C
- Built-in energy regulator
- Replaceable insulated heater cartridge
- Chemically resistant polypropylene outer casing
- Bracket for 1.3 cm support rods (but not including the support rods)



The SHM-200 Electromantle shares all the features of the standard HM-200 Electromantle, but has the added functionality of magnetic stirring. The solid state stirring circuitry is built into the base of the main housing and provides powerful stirring over a range of capacities and viscosities. The stir bar is seldom lost due to our “auto-recapture” function.

SHM-250 Digi-Mantles

- Same SHM-250 controller accommodates different capacity heating cartridges, i.e. interchangeable design
- Round bottom flask capacity of between 100 mL to 1000 mL
- Vented casing ensures the outer is safe to touch
- Greater stirring stability and speeds from 100 to 2000 rpm
- Controller with display menus and touch pad interface
- Indicator lights for power, stirrer and heater operation
- Supplied with a support rod (NOTE clamps are not supplied)
- CE certification



The Digi-Mantles enable a round bottom flask of 100 to 250 mL, 500 mL or 1000 mL capacity to be stirred and heated up to an element temperature of 450°C through precise electronic control, giving an accurate measure of temperature and stirring. The modular design allows heating cartridges of different sizes to be interchanged using the same SHM-250 digital controller as a base, which makes Digi-Mantles a very cost-effective option.

Block Heaters

Versatile Heating Systems

Used to uniformly and simultaneously heat an entire block of test tubes, ideal for all of your sample heating requirements, or for research or general chemistry applications.



CATEGORIES

BH-200 ANALOG

BH-200D DIGITAL

BH-200DC DUAL
CONTROL DIGITAL

BH-250 ANALOG BLOCK
HEATERS

Uniform sample heating solutions

These versatile heating systems are ideal for all your sample heating requirements, or for research or general chemistry applications.

Contact us today at +1.800.266.1244 to speak to a technical expert

Block Heaters

BH-200 2-Block Analog Block Heaters

- Analog control
- Economical price
- 130°C maximum temperature
- Hot warning light to warn that the blocks are hot to touch
- Uniform and stable temperatures

Designed for the precise heating of test-tubes, microcentrifuge tubes, cuvettes and microtiter plates. With simple analog setting of temperature for ease of use. “Hot” warning light will flash whenever the block temperature is above 50°C.



BH-200D Digital Block Heaters

- Precise and uniform heating
- Digital interface and display
- Independent temperature control
- Choice of 130°C or 200°C maximum temperature
- Suitable for various tube sizes (test tubes, microcentrifuge tubes, cuvettes, microtiter plates)
- 2-block and 3-block models available
- Fully interchangeable aluminum blocks
- Heated from below for accurate temperature management
- 3-block model compatible with sample concentrators for faster sample concentration
- Temperature range: ambient +8°C to +130°C (2-block model)



BH-200DC Dual Control Digital Block Heaters

- Two blocks with independent temperature control
- Choice of 130°C or 200°C maximum temperature

Innovative design accommodating two blocks with independent temperature control allowing them to be set at different temperatures. Excellent temperature stability and uniformity is maintained in each block. The unit takes up less space than two block heaters and is ideal for applications where samples have to be transferred between two temperatures very quickly, or for two separate users.



Block Heaters

BH-250 Analog Block Heaters

- Small, light, compact footprint-flat top surface allows units to be stacked in storage
- Can hold one 96-well plate block
- Can hold any combination of aluminum insert blocks, depending on the model chosen
- High quality, precision-engineered aluminum blocks provide excellent thermal contact
- Versatile range of interchangeable heating blocks to fit all popular sample tubes and plates



Cole-Parmer block heaters provide a safe, dry, constant temperature source in the laboratory and offer market-leading choice, flexibility and specification. Block heaters are a source of precision temperature control for general, routine applications and sensitive analytical procedures particularly suited to microbiology and clinical laboratories. They are designed for precise heating of test-tubes, microcentrifuge tubes, cuvettes and microtiter plates. Cole-Parmer block heaters cover the temperature range from ambient +5°C to 100°C or 200°C (depending on model) using machined aluminum alloy block inserts as the heat transfer medium. Independent indicator lights indicate mains power, heater action and over-temperature cut-out. An On/Off switch is mounted on the rear panel, together with the mains connector and a fuse holder.

Looking for Inserts for Block Heaters?

Interchangeable aluminum heating blocks provide excellent thermal conductivity and accommodate various test tubes, cups, and plates.

Visit coleparmer.com/c/block-heaters to view our range of block heaters and accessories.

Ultrasonic Processors

Safely process variety of organic and inorganic materials

Microprocessor-based programming with digital accuracy and repeatability ensures adherence to the most exacting protocol.



CATEGORIES

130-WATT ULTRASONIC PROCESSORS

500-WATT ULTRASONIC PROCESSORS

750-WATT ULTRASONIC PROCESSORS

Ultrasonic Processors

130-Watt Ultrasonic Processors

- Ideal for low-volume applications—from 150 μ L to 150 mL
- Built-in probe rests help keep everything close at hand
- Models 04714-52 and -53 feature a pulse button conveniently placed right on the handpiece
- Models 04714-50 and -51 feature a 10-hour timer and independent on/off pulser

Applications

Widely used for Sample preparation, Cell lysing, Disaggregation, Homogenization, Particle size reduction, Soil testing, Acceleration of chemical reactions.



500-Watt Ultrasonic Processors

- Designed with the smallest footprint in their class, this compact unit fits on any laboratory's existing bench space
- Process batch samples as small as 250 μ L or as large as 1000 mL
- Timer controls processing from 1 second up to 10 hours and monitors both the elapsed time and duration of processing



500 and 750-Watt Ultrasonic Processors with Temperature Controller and Memory

- Offer the same great features as above, plus
- Integrated temperature controller prevents harmful sample overheating by terminating the ultrasonics when the sample temperature reaches a predetermined limit (set from 1 to 100°C); order temperature probe separately
- Time-saving memory stores up to ten procedures to facilitate protocol duplication, automate repetitive tasks, and eliminate user-to-user method variability for consistent reproducibility



Homogenizers

Process Almost Any Sample, Large or Small

Well suited for a wide range of processing applications like blending chemical or biological samples, as well as lysing of cells.



CATEGORIES

HG-600 GENO/GRINDER®

HG-400 MINIG®

HG-200/250 GENOLYTE®

Sample Type Includes



Seeds



Rice



Corn



Fruit



Animal Tissue

Homogenizers

HG-600 Geno/Grinder® 2010 Tissue Homogenizer/Cell Lyser

- Enables increased throughput, improved extraction efficiency and reproducibility over traditional sample preparation methods
- Designed for rapid cell disruption of plant and animal tissue through bead beating
- This process offers fast and efficient extraction of nucleic acids, proteins, and other molecules
- Samples can be processed with or without reagents in approximately 60 seconds or less

An adjustable clamp features unique vigorous vertical grinding motion allowing increased reproducibility, superior extraction efficiency, and consistency of every sample. The clamp can accommodate a full range of sample vials from 2 to 50 mL centrifuge tubes or up to six deep-well microplates. Cryogenic accessories (sold separately) are available to allow you to homogenize temperature-sensitive samples such as proteins and RNA.

The password-protected, touch screen control panel enables you to program run time, rate, cycles, and pause time. The control panel can be tilted for better viewing. Up to 500 protocols can be easily labeled, saved, recalled, and exported via USB.



HG-400 MiniG® Homogenizer

- Mechanical disruption through bead beating
- Ideal for cell lysis applications
- Comes with an adjustable clamp that allows you to secure vials or titer plates of various sizes
- Operation is quick and easy

The HG-400 MiniG is the ideal solution for labs that want a powerful homogenizer designed to effectively disrupt cellular materials by oscillating one or two deep-well titer plates or a full range of sample vials during a single run.

Applications

Tissue homogenization, DNA/RNA research and extraction, cell lysis, protein extraction, biofuel research, pesticide residue extraction.

Typical Samples

Animal tissue, plant tissue, cell cultures, fruit, seeds, yeast, and bacteria.

Accessories

Various accessories are available for the HG-400 MiniG including preloaded vial sets, cryo-blocks, and foam blocks. Using the included adjustable clamp, accessories can accommodate a full range of sample vials.



Homogenizers

HG-200 GenoLyte® Compact Homogenizer

HG-250 GenoLyte® Temperature-Controlled Compact Homogenizer

- HG-200 has interchangeable vial holders for 2 mL to 12 mL vials
- HG-250 hold up to three 2 mL vials
- Programmable control panel
- High intensity oscillating motion homogenizes samples in seconds
- Lid with safety interlock switch stops the motor if the lid is opened during the grinding process

The HG-200 GenoLyte is the ideal solution for labs that want a compact yet powerful tissue homogenizer and cell lyser. It is equipped with interchangeable sample vial holders accommodating a variety of vial types from 2 mL to 12 mL. It is specifically designed for rapid cell disruption, cell lysis and tissue homogenization through bead beating, enabling fast and efficient extraction of nucleic acids, proteins and other molecules of interest. The GenoLyte can also be used to grind harder materials such as soil, rocks and minerals.

The HG-250 GenoLyte is a powerful, compact, temperature-controlled homogenizer. The unit offers a “quick-connect” to cooling system. Its high intensity oscillating motion homogenizes samples in seconds.



Applications

Tissue homogenization, DNA/RNA research and extraction, cell lysis, protein extraction, biofuel research.

Typical Samples

Animal tissue, plant tissue, cell cultures, yeast, bacteria, stool, and soil.

Accessories

Various accessories are available for the HG-200/250 GenoLyte including grinding vial sets, vial holders, precleaned vials, and nesting trays.

Looking for Accessories?

Get the most out of your homogenizer by investing in homogenizer accessories. From homogenizer generators to pestles and probes, we have accessories to help you optimize your homogenizer.

Visit coleparmer.com/c/homogenizer-accessories to view our range of accessories.

Grinders and Mills

Analytical Process Particle Size Reduction

Laboratory grinders and mills are capable of pulverizing samples in both ambient and cryogenic environments.



CATEGORIES

CG-500/400 FREEZER/MILL®

CG-200 FREEZER/MILL®

CG-900 CRYO-BLADE™

BM-450/400 MIXER/MILL®

SHATTER BOX

Grinders and Mills

CG-500/400 Dual/Large Freezer/Mill®

- Equipped with liquid nitrogen level sensor, insulated case and lid safety inter-lock switch for operator protection
- Touch screen stores up to 20 user-defined grinding programs for easy, quick recall
- Maintenance-free design with only one moving part
- CG-500 is equipped with auto fill system for automated filling of liquid nitrogen whereas optional auto-fill system is available in CG-400 to automatically fill the bath with liquid nitrogen

The CG-500 Freezer/Mill is a high-throughput, dual-chamber cryogenic grinder with a self-contained liquid nitrogen tub and insulated case. It accommodates samples in the 0.1 to 100 grams range per grinding chamber whereas the CG-400 Freezer/Mill is a large cryogenic grinder that accommodates samples from 0.1 to 100 grams.



CG-200 Freezer/Mill®

- Insulated liquid nitrogen tub is equipped with level sensor
- Grinding chamber holds one small grinding vial or one microvial set
- Touch screen stores up to 20 user-defined grinding programs for easy, quick recall

The CG-200 Freezer/Mill is a compact cryogenic mill that accommodates samples from 0.1-5 grams. It has one dual-purpose chamber that precools and grinds samples and can hold one small grinding vial, or one microvial set. Sample vial maintains cryogenic temperatures due to continuous immersion in liquid nitrogen.



Applications

DNA/RNA extraction, forensic/drug testing, RoHS/WEEE, consumer product testing, food safety, materials research, and medical research.

Typical Samples

Animal tissue, plant tissue, plastics and polymers, yeast, pharmaceuticals, food products, electronic components, textiles, hair, and bones.

Accessories

Accessories include grinding vials and sets, racks, extractors, and diffusers.

Grinders and Mills

CG-900 Cryo-Blade Cryogenic Grinder

Breakthrough, hands free processing from bulk to analytical preparation in 15 minutes or less

- High-throughput processing of up to 1 kg of sample per run
- Execute a cycle in 15 minutes or less
- Capability to use liquid nitrogen or dry ice to process your sample
- Automated dispensing of liquid nitrogen eliminates the handling and manipulation of liquid nitrogen

The Cryo-Blade is an ultra high-capacity cryogenic grinder for sample preparation and processing of up to 1 kg of sample. The Cryo-Blade automatically dispenses liquid nitrogen to allow the sample to reach cryogenic temperatures and then activates a grinding phase to pulverize samples, resulting in repeatable and reproducible sample comminution. No liquid nitrogen handling required.

When liquid nitrogen is not desired or available, the unit can be used with dry ice to achieve desired results.

Automatic and protocol modes available. In automatic mode, parameters are set based on the volume of the sample. Protocol mode allows users to save up to 10 protocols.

Cryo-Blade can accommodate samples up to 1 kg per run. Blade can accommodate samples up to 1 kg per run. Cycle can be executed in 15 minutes when using liquid nitrogen, or 30 minutes when using dry ice.

The insulated outer bowl, mechanical locking lever, and sensors provide the user with a safe, consistent, and reliable sample each use. The removable 5 L inner bowl can accommodate samples up to 1 kg and allows samples to be stored in the freezer, giving the user the option of using a second bowl to prepare a new batch. The outer bowl is insulated to allow safe touch at all times, although it is recommended to use protective gloves.

Applications

Analysis of organic pollutants in food products (pesticide residues), QuEChERS.

Typical Samples

Fruits, vegetables, seeds, fungi, and flowers.



Need a Demo?

- Virtual sample processing – virtual demonstration of the equipment and sample processing
- Physical sample processing – physical testing of your sample with shared results
- Physical equipment testing – a demo unit can be sent to your facility to test before purchasing

Contact us today at sampleprep@antylia.com for details.

Grinders and Mills

BM-450/400 Mixer/Mill High-Energy Ball Mill

- BM-450 has dual clamps whereas BM-400 is a single clamp mixer/mill
- Dual clamps in BM-450 enable multiple sample processing for high throughput applications
- Reduces samples to analytical fineness and can be utilized for mechanical alloying and nanomilling
- Steel housing protects the clamp mechanism and rugged construction ensures a long life of heavy work
- Grinds multiple samples in the 0.2 to 10 grams range or mixes up to 50 mL of material per clamp



Mixer/Mill reduces samples to analytical fineness. Each grinding vial contains a sample and one or more balls. It is then shaken in a complex motion that combines back-and-forth swings with short lateral movements in the shape of a figure-8.

Applications

Mechanical alloying, nanomilling, slurry grinding, blending powders, mixing emulsions, and mechanochemistry.

Typical Samples

Rocks, minerals, sand, cement, slag, ceramics, catalyst supports, glass, pharmaceuticals, plant tissue, animal tissue, botanicals, seeds, paints, and inks.

Accessories

Grinding and mixing vials are available in hardened steel, stainless steel, tungsten carbide, alumina, ceramic, zirconia ceramic, silicon nitride, agate, polystyrene, methacrylate, and polycarbonate.

SM-300 ShatterBox®

The Cole-Parmer ShatterBox® is a versatile ring and puck mill that can crush and grind many types and sizes of samples with minimal sample loss and increased safety. Our ShatterBox® features an automated dish positioning system and locking system for ease of use and greater flexibility. The versatility of sample containers allows for grinding a wide range of sample amounts (5 g up to 150 g).

Applications

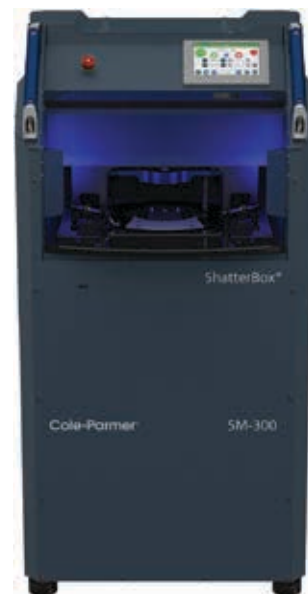
Typical applications include: XRF, XRD, ICP, AAS, and IR analyses for rocks, minerals, cement, ores, slag, soil, and ceramics.

Typical Samples

Cement, superalloy, granite, glass, sand, slag, ceramics, seeds, grains, pigments, and catalyst support.

Accessories

Grinding and mixing vials are available in hardened steel, stainless steel, tungsten carbide, alumina, ceramic, zirconia ceramic, silicon nitride, agate, polystyrene, methacrylate, and polycarbonate.



Baths and Circulators

Maintain Specified Temperature

Baths and circulators are ideal for maintaining temperature over a long period of time. Store samples with dependable temperature control for sample viability.

CATEGORIES

WATER BATHS

HEATING AND COOLING
CIRCULATING BATHS

RECIRCULATORS AND
CHILLERS

IMMERSION CIRCULATORS

SPECIALTY BATHS

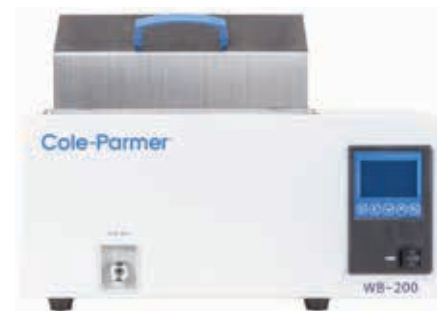


Baths and Circulators

Water Baths

- Ideal for maintaining temperature set point over a period of time
- Digital display and selection of temperature
- Safety features include low water level sensor and over temperature protection

Different sizes and depths of the bath chamber are available to meet your application. Utility baths are available in analog or digital temperature control with ranges from ambient to 100°C. Options with high-temperature and low-level cutoff features protect samples. Shaking water baths combine the features of standard baths with the ability to agitate sample containers.



Heating and Cooling Circulating Baths

- Precise and reliable temperature control for a wide range of applications
- Reservoir tempers samples along with integral pump that circulates fluid both internally and externally

Cooling and heating circulating baths are ideal for industrial or laboratory applications where a wide variety of temperature controls are needed. Rugged and corrosion-resistant baths offer application temperatures from -40°C to 200°C . Standard open refrigerated baths have set values and predefined temperature limits.



Recirculators and Chillers

- Provides constant protection for valuable processing equipment
- Ideal for laboratory and industrial uses

Speed and accuracy of production can increase as you maintain a constant and proper cooling temperature in the equipment. Recirculators and chillers offer high stability with a wide variety of temperature control.



Baths and Circulators

Immersion Circulators

- Easily convert open baths, tanks, or containers into your own constant temperature bath
- Heat, circulate, and safely control the temperature of the liquid in the bath within precise limits

Thermoregulators are designed to be used with the unheated water baths or any other suitable laboratory vessels. The versatile immersion circulator can be used in several ways. Use as a stand-alone water bath temperature controller, a pump for recirculating chilled liquid from an external chiller, or a pump for providing temperature control to an external device.



Speciality Baths

- Speciality baths include fluidized sand baths, waterless bead baths
- Fluidized sand baths are offered in industrial, compact, and precise options. Sand baths are often used for cleaning polymer residue
- Waterless baths and electronic ice buckets keep your samples cool, clean and dry; no more wet melting ice or floating sample tubes

Speciality baths offer unique, application-specific baths, as well as baths that utilize alternative heating methods.



Our Technical Experts Have the Answer!

Whether you need help choosing the right product for your application, or are looking to troubleshoot an existing issue, we can help. Our team offers expertise in a number of scientific and industrial disciplines.

Contact us today at +1.800.266.1244 to speak to a technical expert

Shakers

Precision Shaking and Blending

Cole-Parmer shakers are the preferred method for processing samples inside tubes and flasks, providing thorough and consistent mixing

CATEGORIES

ORBITAL SHAKERS

RECIPROCATING SHAKERS

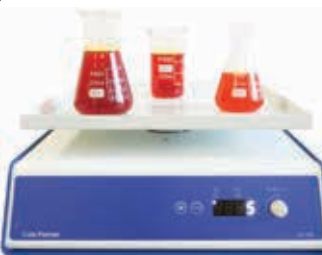
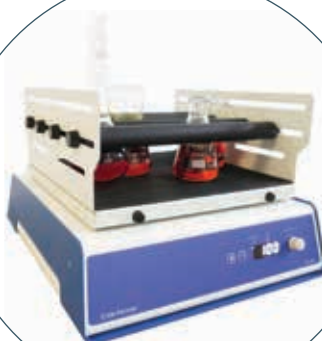
SEE-SAW ROCKING
SHAKERS

GYRO ROCKING SHAKERS

INCUBATING SHAKERS

TUBE ROLLERS

TUBE ROTATORS



Shakers

Orbital Shakers

- Maintain consistent shaking speeds over long periods of time
- Smooth, uniform circular motion with a 16-mm orbit — ideal for larger samples and multi-well plates
- Easily set and view the speed and the timer on the LED display

Control speed from 30 to 300 rpm. The microprocessor maintains speed accuracy even over long runs. Built-in timer can be set from 1 to 999 minutes. When timer reaches zero, the shaker automatically stops and sounds an alert. Durable shakers are rated for continuous use. Use in incubators and environmental or cold chambers up to 104°F (40°C).



Reciprocating Shakers

- Digital speed selection provides consistent mixing
- Soft-start motor prevents spills and splashes
- Fully adjustable cradle accommodates most flasks, bottles, and beakers
- Can be used in incubator systems

Easily set digital timer from 1 to 999 minutes. When timer reaches zero, the shaker automatically stops and sounds an alert. Shaker is capable of continuous use, and maintains speed accuracy over long runs.



See-Saw Rocking Shakers

- Nonslip mat and platform lip hold vessels securely in place
- Gently mix live cultures
- Built-in timer and digital speed LED display provide reproducible results

These see-saw rocking shakers provide a gentle rocking action at a 7° tilt angle, perfect for culture flasks and Petri dishes. Easily set and view the speed and the timer on the LED display. The microprocessor maintains speed accuracy even over long runs.

Durable shakers are rated for continuous use. Use in incubators and environmental or cold chambers up to 104°F (40°C).



Shakers

Gyro Rocking Shakers

- Adjust tilt angle for optimal mixing
- Platform lip and nonslip mat hold vessels securely in place
- Built-in timer and digital speed LED display provide reproducible results
- Can be used in incubators

Gentle swirling prevents foaming. These gyro rocking shakers feature a 3D gyrating action with a 3 to 12° tilt angle. Best suited for low-foaming requirements, the shakers are ideal for cell culturing, staining, and destaining.

The microprocessor maintains speed accuracy even over long runs. Durable shakers are rated for continuous use. Use in incubators and environmental or cold chambers up to 104°F (40°C).



Incubating Shakers

- Shaker and incubator combination makes these ideal for cell culture procedures
- Retractable platform allows easy access to samples at the back of the incubator yet securely locks in place during operation

These shaking incubators provide an orbital shaking motion to ensure even mixing while promoting bacterial growth. Built-in USB connection and dedicated software allow long-term monitoring of the incubator temperature via a PC.



Tube Rollers

- Greater capacity and multiple rollers saves bench top space and meets standard lab throughput needs
- Featuring removable side panels
- Featuring detachable roller tubes enabling large volume/diameter bottles to fit
- Choice of analog or digital control

Tube rollers provide a gentle but efficient mixing ideal for mixing blood samples, viscous substances and liquid-solid suspensions where minimum aeration is required. Roller tubes provide the highest levels of versatility allowing the roller mixers to conveniently detach to accommodate larger vessels and therefore allow the user to mix a wide variety of differently sized tubes and bottles.



Shakers

Tube Rotators

- Adjustable angle of rotation mixes samples effectively with gentle or vigorous motion
- A variety of tube holder discs allows customization for your application
- Integrated drip tray prevents workspace spills

These tube rotators feature an adjustable angle of rotation from horizontal for minimal mixing to vertical for full end-over-end mixing. An integrated drip tray prevents workspace spills from the rotating tubes and both units offer a choice of six tube holders for most applications. The tube holders can be removed and replaced quickly and easily. These tube rotators can use two tube holders simultaneously with our dual holder accessory (00077-23). The rotators can be used in incubators up to 60°C and in cold rooms down to 4°C.



Looking for Accessories?

Enhance your laboratory shakers by adding shaker accessories. We offer a wide range of accessories to complement your shakers, whether you need a rotor attachment for a tube shaker or a platform for a tube rocker, we are your source for instruments and accessories.

Visit coleparmer.com/c/shaker-accessories to view our range of accessories.

Overhead Mixers & Homogenizers

Reliable and Durable Mixing

Cole-Parmer laboratory overhead mixers are designed to mix batches of solutions with varying degrees of torque, horsepower and speed.



CATEGORIES

GP GENERAL PURPOSE
LABORATORY
OVERHEAD MIXERS

SP ANALOG CONTROLLED
LABORATORY
OVERHEAD MIXERS

SD DIGITAL CONTROLLED
LABORATORY
OVERHEAD MIXERS

HANDHELD TISSUE
HOMOGENIZERS

HANDHELD LABORATORY
HOMOGENIZERS

DIGITAL HANDHELD TISSUE
HOMOGENIZERS

Overhead Mixers & Homogenizers

GP General Purpose Laboratory Overhead Mixers

- Ideal for light-duty mixing of water-like fluids
- Brushed DC motor with integrated overload protection
- Durable—no wear parts that require user service
- Rotates at 40 to 4000 rpm, maximum torque 9.5 in-oz

General purpose laboratory mixer ensures accurate, dependable motor speed control with “soft-start” feature and smooth, gradual adjustment to the speed setting.



SP Analog Controlled Laboratory Overhead Mixers

- Variable speed mixer designed for reliability and durability
- Durable—no wear user serviceable parts
- Adjustable tilt from 0 to 30 degrees allows proper propeller placement
- Rotates at 50 to 2500 rpm, maximum torque of 91 in-oz

SP laboratory mixer ensures accurate, dependable motor speed control with “soft-start” feature and smooth, gradual adjustment to the speed setting.



SD Digital Controlled Laboratory Overhead Mixers

- Variable-speed mixer designed for reliability and durability
- Four-digit LED display indicates rpm, torque, time, and rotation direction
- Durable—no wear user serviceable parts
- Rotates at 50 to 2500 rpm, maximum torque of 113 in-oz

Cole-Parmer SD laboratory mixer ensures accurate, dependable motor speed control with “soft-start” feature and smooth, gradual adjustment to the speed setting. Constant speed is maintained electronically via automatic compensation for changes in load torque demands at both high and low speeds. Built-in motor current compensation minimizes speed drift with changes in load. Motor current limiting protects the system in case of a locked rotor condition. Output circuit protection protects against inadvertent output shorting.



Overhead Mixers & Homogenizers

Handheld Tissue Homogenizers

- Lightweight and powerful motor ideal for small samples
- Variable speed motor up to 30,000 rpm
- Ergonomically designed to reduce hand strain

Handheld tissue homogenizers are well-suited for a wide range of processing applications—use as a handheld unit or post-mount to the optional stand for hands-free operation. Use these homogenizers with either the stainless steel rotor-stator generators or the plastic tip probes. Order components separately.

These homogenizers process a wide range of samples from 0.05 mL to 100 mL. They are ergonomically designed to reduce hand strain during extended periods of handheld operation.



Accessories

Accessories include generator probes and support stands.

Handheld Laboratory Homogenizers

- Process virtually any laboratory sample in seconds
- Variable speed motor range from 5,000 to 25,000 rpm
- Processing range from 200 µL to 5 L
- Digital, programmable speed and time controls

The Cole-Parmer homogenizers are well-suited for a wide range of processing applications - use as a handheld unit or post-mount to the optional stand for hands-free operation. Use these homogenizers with either stainless steel rotor-stator generators or disposable plastic probes.

Accessories

Accessories include generator probes and support stands.



Digital Handheld Tissue Homogenizers

Provides extremely accurate and repeatable results in lightweight, hand-held design.

- Handles samples from <200µL to 120mL
- Integrated digital speed display ensures consistent results
- Motor holds processing speed to 0.5% accuracy
- Provides ultra quiet operation
- On-board memory stores last set speed
- Bayonet probe mounting system features fast release
- Light weight ergonomic design



Rotary Evaporators

Remove Solvents for Analysis

Cole-Parmer rotary evaporators are used to produce a dry sample in preparation for analysis by removing water or organic solvents.



CATEGORIES

RV-200 SERIES ROTATORY
EVAPORATORS

RV-400 SERIES ROTATORY
EVAPORATORS

Our Technical Experts Have the Answer!

Whether you need help choosing the right product for your application, or are looking to troubleshoot an existing issue, we can help. Our team offers expertise in a number of scientific and industrial disciplines.

Contact us today at +1.800.266.1244 to speak to a technical expert

Rotary Evaporators

RV-200 Series Rotary Evaporators

- Unique PTFE sealing system offers excellent thermostability
- PID temperature controller provide stable temperature control
- Choose simple one-handed manual lift or automatic motorized lift

Easily set and view operating parameters on the two large digital displays; one for rotation speed and timer and another for bath temperature and timer. The unique PTFE sealing system provides great thermostability plus excellent chemical and corrosion resistance.

Stainless steel bath features PTFE coating to withstand high temperatures and is easy to clean. Safety features include dry-run protection, overtemperature shutoff, circuit breaker, and power interruption alarm.



RV-400 Series Rotary Evaporators

- Motorized lift provides smooth, stable lifting and lowering of the bath
- Set and view rotation speed, temperature, and timer on the large LCD
- Unique PTFE sealing system offers excellent thermostability
- PID temperature controller provides stable temperature control
- High-efficiency drain port and injection valves

The RV-400 series rotary evaporators with motorized lift system move the bath up or down smoothly with a simple push of a button. The control panel features up and down arrows to control the bath height, push-button controls to turn rotation and heat on or off, a knob to select parameter, and a large multi-line display. The large LCD lets you view and set current rotation speed, temperature, and timer. The unique PTFE sealing system provides great thermostability and excellent chemical resistance.



Incubators

Culturing, Heating and Incubating

Many cell and tissue cultures and others samples require a protected, contamination-free environment. Cole-Parmer incubators provide a controlled, contained place to grow your sensitive samples.



CATEGORIES

GRAVITY CONVECTION
INCUBATORS

MECHANICAL CONVECTION
INCUBATORS

Gravity Convection Incubators

- Gravity convection provides a lower chance of sample cross-contamination
- PID technology for high precision control and small temperature fluctuation
- Extended-life silicone rubber gasket provides a long service life
- Stainless steel inner chambers resists corrosion and is easy to clean
- Antiskid shelf design is easy to operate with a single hand
- Glass doors ensure perfect observation of the samples

These gravity convection incubators have a temperature range from ambient +5°C to 65°C.



Mechanical Convection Incubators

- PID technology for high precision control and small temperature fluctuation
- Extended-life silicone rubber gasket provides a long service life
- Stainless steel inner chambers resists corrosion and is easy to clean
- Glass doors ensure perfect observation of the samples

Mechanical convection offers faster heat up and better temperature uniformity and recovery due to the constant circulation of forced air.

Easy-to-view LCD shows time, set temperature, actual temperature, running status, and fan status. Safety features include autostart after power loss/return, temperature deviation alarm, overtemperature set point alarm, and over-current protection.



Ovens

Greater Drying Efficiency

Cole-Parmer laboratory ovens with easy programming, automation, and greater drying efficiency can get you up and running quickly.



CATEGORIES

GRAVITY CONVECTION
DRYING OVENS

MECHANICAL CONVECTION
DRYING OVENS

Gravity Convection Drying Ovens

- Low energy consumption provides operating cost savings
- Stainless steel inner chamber resist corrosion
- Rounded inner chamber corners offer easy cleaning
- Able to heat samples up to 392°F (200°C)

Gravity convection ovens feature a PID controller which provides you accurate and reliable temperature control up to 200°C. Natural convection heating allows sample temperature to be uniform; suitable for sterilization, powder drying, and high-temperature storage. The ovens require minimal heating time, reaching 212°F (100°C) in 15 to 30 minutes. Easy-to-view LCD reads time, current temperature, set temperature, running status, and fan status.



Mechanical Convection Drying Ovens

- Quickly heat and dry samples
- Stainless steel inner chamber resists corrosion
- Rounded inner chamber corners offer easy cleaning
- Able to heat samples up to 482°F (250°C)

Mechanical convection ovens feature a PID controller which provides you accurate and reliable temperature control up to 482°F (250°C). Ideal for drying and sterilization. The ovens require minimal heating time, reaching 212°F (100°C) in 20 to 50 minutes. Easy-to-view LCD reads time, current temperature, set temperature, running status, and fan status.



Vacuum Ovens

Greater Drying Efficiency

Cole-Parmer laboratory have a variety of the latest heating technologies, choose from a wide selection of temperature and capacity ranges.



CATEGORIES

BOTANICAL VACUUM
OVENS

PROGRAMMABLE VACUUM
OVENS

Botanical Vacuum Ovens

- Process botanical extract faster and safer
- PID controllers keep oven temperature accurate
- Easy-to-clean stainless steel interior
- Built-in alarm alerts when oven shuts down

Botanical vacuum ovens features stainless steel internal tubing and compression fittings to provide a higher ultimate vacuum ideal for botanicals and cannabis applications. The oil-filled mechanical vacuum gauge offers accurate reading and longer gauge life.

The stainless steel vacuum and vent valves give you a cleaner connection, more accurate control, and long-term durability. PID LCD controllers also allow you to keep oven temperature and heated shelves accurate.

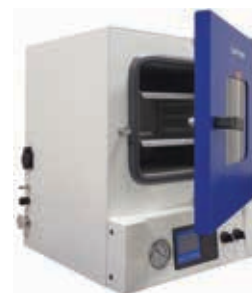


Programmable Vacuum Ovens

- Stainless steel inner chamber resists corrosion
- Rounded inner chamber corners offer easy cleaning
- Built-in alarm alerts when oven shuts down
- Able to heat samples up to 392°F (200°C)

Programmable vacuum ovens allow you to manage up to eight programs with eight steps each, one in which temperature, timer, and fan speed can be set. The PID temperature controller provides accurate and reliable temperature control up to 392°F (200° C).

An air inlet offers easy access to inert gases such as nitrogen. The ovens feature independent vacuum interface and vents. They are also equipped with a solenoid valve to control vacuum degree and vacuum pump.



Muffle Furnace

Precision laboratory furnace for thermal processing applications

Muffle furnaces are ideal for heat treating, reacting studies, sintering processes, and ceramic firing. Our laboratory furnaces feature temperatures up to 1600°C and capacities up to 22L.

Important specifications to consider when searching for a laboratory furnace include the process temperature, control requirements, dimensions of sample and inner dimensions of chamber or tube, and pressure range.



CATEGORIES

MF - DROP DOWN & SIDE SWING DOOR AND CERAMIC FIBER INSULATION

MF - DROP DOWN & SIDE SWING DOOR AND BRICK INSULATION

MF - WITH SIC HEATING ELEMENTS

MF - WITH PANTOGRAPH SIDE DOOR

Muffle Furnace

MF - Drop down & side swing door and ceramic fiber insulation

Designed for occasional intermittent work.

- Drop down door can be used as a work platform and side swing door is for user safety
- Double Low thermal mass insulation for low external housing temperature
- Built with insulating ceramic fiber for faster heating rate
- 3 year warranty

Design is compact and lightweight, and consists of 1 or 2 heating plates with Kanthal® AF. Metal case with chrome-phosphatizing base protection and external finish with heat-resistant metal paint.



MF - Drop down & side swing door and brick insulation

Designed for occasional intermittent work.

- Available in 5 capacities
- Drop down door can be used as a work platform and side swing door is for user safety
- Double Low thermal mass insulation for low external housing temperature
- Built with low density ceramic bricks and ceramic fiber for faster heating rate
- 3 year warranty

Design is compact and lightweight, and consists of 2 or 3 heating plates with Kanthal® AF. Metal case with chrome-phosphatizing base protection and external finish with heat-resistant metal paint.



MF - with SiC Heating elements

Continuous use furnaces having vertical lift door that keeps hot surface away when opening

- Low thermal mass insulation for low external housing temperature
- Built with low density ceramic bricks and ceramic fiber for faster heating rate
- Double insulation includes air chamber lets work at high temperature continuously with air circulation
- Programmable controller with multiple set points for ramp and dwell options

Vertical lift door keeps hot surface away when opening. Design is compact and lightweight having operating temperature of 1600°C with rapid heating through Kanthal® silicone carbide (SiC) heating elements



Muffle Furnace

MF- with Pantograph Side Door

Continuous use furnaces having pantograph side door which allows clear opening and protection from ceramic block heat radiation.

- Low thermal mass insulation for low external housing temperature
- Built with low density ceramic bricks and ceramic fiber for faster heating rate
- Double insulation includes air chamber lets work at high temperature continuously with air circulation
- Programmable controller with multiple set points for ramp and dwell options
- 3 years warranty

Pantograph side door allows for a complete clear opening, protecting workers from ceramic block heat radiation. Design is compact and lightweight with rapid heating and consists of 4 heating plates with Kanthal® AF, an FeCrAl alloy.



Looking for Accessories?

Enhance your laboratory furnace by adding furnace accessories. We offer a wide range of accessories to complement your furnace, whether you need a smoke extraction chimney or manual flow meter, we are your source for instruments and accessories.

Contact us today at +1.800.266.1244 to speak to a technical expert

Real-time PCR Machines and Equipment

Ensure quality results! PCRmax thermal cyclers for PCR and qPCR offer outstanding temperature stability with the most innovative technology available in the market.



CATEGORIES

PCRMAX ALPHA CYCLERS

PCRMAX ECO 48
REAL-TIME QPCR SYSTEM

PCRmax Alpha Cyclers

- Flexible-your choice of one, two, or four block capacities in 96-well, 384-well, or mixed formats
- Independently control each block for simplified temperature and space optimization
- Software allows quick access to commonly used protocols

These compact thermal cyclers deliver reproducible results every run-with little to no training needed. Features include a clear responsive touch screen, secure user-specific programming, adjustable heated lid, and active sample cooling for sharper amplification.

A Program Wizard generates a protocol specific to your sequence in seconds-a quick way to optimize new assays.



PCRmax Eco 48 Real-Time PCR System

- Simple multiplex analysis with up to four dyes at once
- Thermally accurate block gives consistent data every time
- High uniformity provides high-quality data
- Fast cycling enables several experiments per day

The PCRmax Eco 48 qPCR system is a high specification, economically priced real time thermal cycler that accommodates a unique 48-well polypropylene PCR plate utilizing the same geometry as standard 384-well plates, but only 1/8 of the size.



Spectroscopy

Advanced Spectrometers to Help You Get Reliable Results

Spectroscopy and spectrophotometers are the science and instruments used to identify or confirm the chemical species, chemical structure or concentration of substances in a sample.



CATEGORIES

SP-800 SERIES
DOUBLE BEAM
SPECTROPHOTOMETER

SP-500 SERIES
SPECTROPHOTOMETERS

SP-400 SERIES
SPECTROPHOTOMETERS

SP-300 SERIES
SPECTROPHOTOMETERS

SP-200 SERIES
SPECTROPHOTOMETERS

Spectroscopy

SP-800 Series Double-Beam Spectrophotometer

- SP-800 Series is a UV-Visible double-beam spectrophotometer with a variable spectral bandwidth
- Up to 10 wavelengths can be measured in the multi-wavelength measurement mode
- Quantitation curves can be created by measuring up to 10 standards at 3 different wavelengths



The spectrophotometer has an integrated user interface for local control and ease of navigation. The highly stable optics and two detectors measure the sample and reference simultaneously, optimizing measurement accuracy. It has measurement modes for photometrics, concentration, multi-wavelength, spectrum scanning, kinetics, quantitation, DNA, and protein analysis.

The double-beam spectrophotometer is ideal for quality control, general research, pharmaceutical, biochemical, and clinical laboratory applications.

SP-500 Series Spectrophotometers

- SP-500-VIS model uses a tungsten halogen lamp for measurements in the visible spectrum from 320 to 1000 nm
- SP-500-UV models uses a press to read xenon lamp to extend measurements into the UV spectrum, down to 198 nm
- Models have a 5 nm spectral bandwidth



The SP-500 series spectrophotometers provide accurate and reliable results in various applications from teaching, to industrial applications, to routine sample analysis in quality control environments. These spectrophotometers are designed for ease of use with enhanced connectivity for simple and quick data transfer.

SP-400 Series Spectrophotometers

- SP-400-VIS model covers a wavelength range of 335 to 800 nm with spectral bandwidth of 7 nm
- SP-400-UV model covers a wavelength range of 198 to 800 nm with spectral bandwidth of 5 nm

The SP-400 series spectrophotometers are the first scanning spectrophotometers in our range to leverage diode array technology to produce exceptionally fast results.



Spectroscopy

SP-300 Series Spectrophotometers

- SP-300-VIS and SP-350-VIS models cover the visible region of the spectrum
- SP-300-UV and SP-350-UV models use a flash xenon lamp to extend the wavelength into the UV region of the spectrum

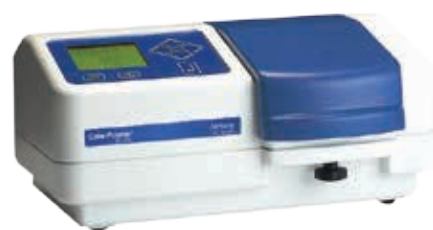
Basic models, SP-300-VIS and SP-300-UV, feature measurement modes, percent transmittance, absorbance and concentration. Advanced models, SP-350-VIS and SP-350-UV, include the basic features plus scanning, kinetics and quantitation.



SP-200 Series Spectrophotometers

- SP-200-VIS model covers the visible region of the spectrum
- SP-200-UV model uses a pulsed xenon lamp to extend wavelength range into the UV region of the spectrum

All models have measurement modes for absorbance, percent transmittance and concentration. This makes the spectrophotometers ideal for basic photometrics applications in schools and colleges, as well as in quality control laboratories.



Looking for Accessories?

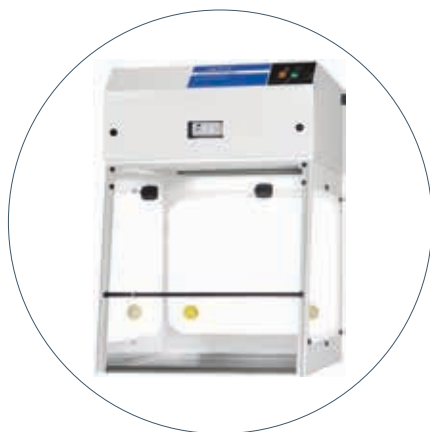
Spectrometer accessories make your instrument more flexible. We have a diverse set of options compatible with visible, ultra violet (UV), infrared (IR), atomic absorption (AA), and nuclear magnetic resonance (NMR) spectrometers.

Visit coleparmer.com/c/spectrometer-accessories to view our range of accessories.

Fume Hoods

Ensure the Health and Safety of Lab Personnel

Fume hoods provide localized ventilation at the contaminant source. We offer stationary, portable, benchtop, and downdraft stations suitable for many applications, including welding and soldering stations, metal grinding, solvent mixing, and even painting. A fume hood uses high-efficiency HEPA and carbon-activated filters.



CATEGORIES

DUCTLESS FUME HOODS

DUCTED FUME HOODS

DRAFT SHIELDS AND
ENCLOSURES

Safeguard your Workplace

Ensure a safe working environment with our advanced fume hoods, capturing containments at source



Fume Hoods

Ductless Fume Hoods

- Use for locations where outside ventilation cannot be achieved

Ductless fume hoods pass contaminated air through filters before returning air to the room. A ductless fume hood can eliminate very high percentages of particulates and biological hazards to protect lab workers and the lab environment.



Ducted Fume Hoods

- Low airflow designs provide user protection while minimizing energy costs

Ducted fume hoods are ventilated to the outside providing the most rigorous user protection, particularly for dangerous chemical fumes. We have compact, benchtop, and full-sized ducted fume hoods available for you to provide a safe working environment. Many of the ducted fume hoods employ “by-pass” designs, which enable consistent airflows in the enclosure for various sash positions.



Draft Shields and Enclosures

- Protect workers from hazardous fumes, powders or chemicals

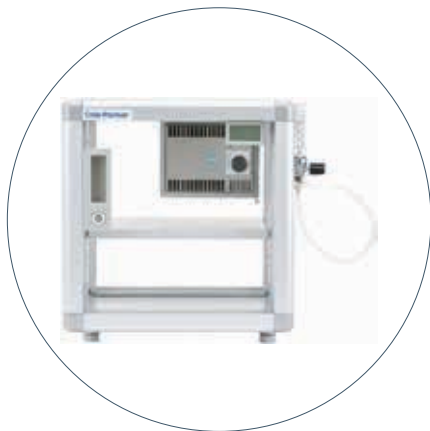
Draft shields and enclosures are essential to maintaining the health and safety of workers. Items such as a balance enclosure, fume hood, or vented enclosure protect workers from hazardous fumes, powders or chemicals. Enclosure styles include wall mounted, free standing, and benchtop units to cover every need.



Desiccators

Absorption Moisture in the Lab

Desiccator cabinets or canisters are sealed to absorb moisture in the lab. Once a moisture-sensitive object is placed inside the desiccator with the desiccant (or drying agent), the object will remain dry.



CATEGORIES

STANDARD DESICCATOR
CABINETS

AUTOMATIC DESICCATOR
CABINETS

GAS PURGE DESICCATOR
CABINETS

VACUUM DESICCATORS

Desiccators

Standard Desiccator Cabinets

- Safely store humidity sensitive products

Easily view your samples through acrylic viewing panels. Stainless steel shelves with holes ensure uniform humidity throughout the chamber.



Automatic Desiccator Cabinets

- Automated dehumidification system offers convenience

Relative humidity can be set between 25 and 55%. Built-in digital hygrometer allows for easy monitoring of RH.



Gas Purge Desiccator Cabinets

- Built-in digital hygrometer for easy monitoring of RH

Gas purge port for applications requiring a dry inert gas. Nitrogen flowmeter allows humidity control from 3 to 20% RH.



Vacuum Desiccator Cabinets

- Stabilize and preserve samples for analysis

Desiccators remove moisture from all types of materials. We have a selection of vacuum desiccators in glass, polypropylene, or polycarbonate materials.



ULT Freezers

Ideal Sample Storage

Cole-Parmer ultra-low temperature freezers for reliable, safe storage of sensitive samples.



CATEGORIES

NORTH SCIENCES/
TRACEABLE® TSI SERIES ULT
FREEZERS

NORTH SCIENCES/
TRACEABLE® MODEL TEC²
ULT FREEZERS

NORTH SCIENCES MINICORE
COMPACT ULT FREEZERS

NORTH SCIENCES
MESSENGER SERIES ULT
FREEZERS

TraceableLIVE® Remote monitoring from the cloud

TraceableLIVE is a cloud-based, subscription software solution for connected data logging devices that sends alerts when an out-of-range condition, lost network connection, low battery charge, or device for calibration is detected.

Visit coleparmer.com/traceablelive for details.

ULT Freezers

North Sciences/Traceable® TSi Series ULT Freezers

- Cloud monitoring with TraceableLIVE®
- Variable speed inverter drive technology
- USB interface to download historical temperature data

The New TSi series ultra-low freezers designed to exceed all standards in reliability, sustainability and temperature management. The cooling capacity adapts to user patterns, substantially reducing energy and HVAC costs without compromising performance.

Co-branded with Traceable® from Cole-Parmer, with its Wi-Fi® Enabled Digital Data Logger, the TSi Series connects easily to Wi-Fi and provides continuous data transmission to the cloud-based interface and includes NIST-Traceable certificate from A2LA accredited (1750.01) calibration laboratory.



North Sciences/Traceable® Model TEC² ULT Freezers

- Cloud monitoring with TraceableLIVE®
- Lockable, ergonomically designed door handle for easy and secure access
- USB interface to download historical temperature data

North Sciences Series of Ultra Low Temperature (ULT) Freezers with TEC² technology with natural, hydrocarbon-based refrigerants to lower GWP, with 100% redundancy provided by two complete and independent refrigeration systems.

Standard ultra-low freezers rely on a cascade refrigeration system. If this system fails, an LN2 or CO₂ backup can only sustain temperatures for approximately 7 hours. Your samples will need to be moved quickly. Maintenance, refilling, and supervision are also required with LN2 and CO₂ backups. With TEC² technology, there is no need to move your samples in a rush or worry about LN2 or CO₂ backups.

Maintaining temperature and uniformity is important, but being aware of external conditions and forces that have the potential to influence the freezer's performance makes the TEC² the World's First ULT freezer offering smart, situational awareness for complete performance monitoring and Total Sample Security.

Monitoring everything from inside out, 24/7. TEC² Ultra Low Freezers are integrated with Traceable® data logger, including a one-year subscription to TraceableLIVE® cloud-based control and monitoring services, supported by Cole-Parmer.



ULT Freezers

North Sciences Minicore Compact ULT Freezers

- Ideal for anywhere valuable samples need to be stored safely
- Small enough to fit on a tabletop
- Ergonomically designed door handle for easy access

Perfect for COVID-19 vaccines, critical material storage in biorepositories, medical research facilities, BSL4 labs, hospitals, or anywhere valuable samples need to be stored safely.

Uniformity is above industry standard at $\pm 2.5^{\circ}\text{C}$ ensuring your samples are being stored within the proper temperature range to maintain integrity.



North Sciences Messenger Series ULT Freezers

- Total cold chain response from -86°C to $+4^{\circ}\text{C}$
- Portable, reliable, continuous ULT operation
- Piston based technology with no compressors or moving parts
- Ideal for clinical trials and biologic drug delivery

Compact, reliable, energy-efficient storage for cold chain management, short-term or long-term ultra low storage, and transport of biological specimens.

Messenger are the true portable ULT freezer solutions available today for bringing COVID vaccine at ultra low temperature without risks.

Both Messenger 1 and Messenger 10 are perfectly sized, lightweight, and efficient portable -80°C freezers ideal for clinical trials and biologic drug delivery.



Messenger 1 Ultra-Low Temperature Freezer

Ultra low portable freezer is specially designed for medical scenarios. It is small in size, light in weight, and the lowest temperature can reach -86°C . Messenger 1 has a 1 L internal volume with temperature control accuracy of $\pm 0.5^{\circ}\text{C}$. Unit has an adjustable temperature range from -86°C to 4°C and is ideal for transporting biological samples such as vaccines, bacterial viruses, blood, human organs, immune medical products, and other goods that have extremely strict temperature requirements.

New Messenger 10 Ultra-Low Temperature Freezer

The ultra low temperature portable freezer is specially designed for vaccine transportation. It is small in size, light in weight, and the lowest temperature can reach -80°C . Messenger 10 has a 10 L internal volume with temperature control accuracy of $\pm 2^{\circ}\text{C}$. Unit has an ultra low temperature controlled mobile safe with adjustable temperature range from -80°C to 30°C . Ideal for transporting biological samples such as vaccines, bacterial viruses, blood, human organs, immune medical products, and other goods that have extremely high temperature requirements.

Traceable® Products

Digi-Sense™ Data Loggers with TraceableLIVE® Wireless Technology

Provide a simple, efficient, and reliable way to ensure your critical samples are not compromised due to parameter variations. This latest technology is ideal for monitoring a process in real time, any time. Remotely monitor your critical environments 24/7 via Wi-Fi*. View current conditions anywhere—cloud-based interface sends email, text, and push notifications. Ensure accurate, reliable measurements with included NIST-traceable calibration.



CATEGORIES

DIGI-SENSE TEMPERATURE/
HUMIDITY

DIGI-SENSE ULTRA-LOW
TEMPERATURE

DIGI-SENSE DATA LOGGING
REFRIGERATOR/FREEZER
THERMOMETERS

DIGI-SENSE
MULTIPARAMETER



Easier than ever

Simplified cloud monitoring with TraceableLIVE®
- with 21 CFR compliance



Traceable® Products

Digi-Sense Temperature/Humidity Data Loggers

- Range from 32 to 131°F (0 to 55°C)
- Built-in bench stand makes it easy to read the temperature and humidity measurements
- Available with ambient sensor dongle or external probe with 10-ft (3-m) cable



Digi-Sense Ultra-Low Temperature Data Loggers

- Measure down to -130°F (-90°C)
- Mount probe to inside of a freezer—micro cable allows freezer door to close on it
- Includes one or two 316 SS RTD probe(s) with 6-ft (1.8-m) cable



Digi-Sense Data Logging Refrigerator/Freezer Thermometers

- Range from -58 to 140°F (-50 to 60°C)
- Choice of probe styles to suit your application
- Models with bottle probe are temperature-buffered to protect sensor from rapid changes when refrigerator door is opened



Digi-Sense Multiparameter Data Loggers

- Measure temperature, humidity, CO₂, or barometric pressure levels
- Choose from meters with a dongle to measure ambient conditions, or external sensor to monitor conditions in chambers or other enclosed environments



Traceable® Products

Accurate Monitoring and Timing

Thermometers and hygrometers are ideal for monitoring temperature. Timers are ideal for anyone who needs to time a process or procedure whether working at a desk or mobile and moving around the lab space.



CATEGORIES

TRACEABLE
7600 SMART WI-FI
DATA LOGGER

TRACEABLE 6600
REFRIGERATOR/FREEZER
DATA LOGGER

TRACEABLE REFRIGERATOR/
FREEZER DIGITAL
THERMOMETERS

TRACEABLE HYGROMETER
WITH CLOCK

TRACEABLE BENCHTOP
TIMER

Traceable® Products

Traceable 7600 Smart Wi-Fi Data Logger

Eliminate Stress, Maintain Compliance, and Safeguard Sensitive Samples.

- Stay connected to your critical environments no matter where you are—get email, text, and push notifications to your internet-connected device from TraceableLIVE®
- NEW interactive and intuitive touch screen, enhanced security, and calibrated Smart Probes make for easy plug-and-play calibration
- Connect up to two smart probes and two door sensors
- Calibrated smart probes and open-door sensors can be swapped out, resulting in uninterrupted monitoring
- Simple, one-time setup takes only a few minutes
- Versatile mounting—can position device both landscape and horizontal
- Onboard security measures include optional PIN protection for your settings to prevent tampering
- Includes NIST-traceable certificate of calibration from our A2LA-accredited ISO/IEC 17025:2017 (1750.01) calibration laboratory



Features

- Plug-and-play calibration
- Wi-Fi data logging refrigeration/freezer thermometer
- Works with TraceableLIVE® cloud service

Traceable 6600 Refrigerator/Freezer Data Logger

- Connect to your data via smartphone, tablet, or PC using TraceableLIVE® cloud service
- Get the reliability, speed, and security using Ethernet connection
- View current temperature conditions anywhere—cloud-based interface sends email, text, and push notifications
- No software required—web, Android™, Apple® iOS data visibility



Traceable® Products

Traceable Refrigerator/Freezer Digital Thermometers

- Simple setup experience with enhanced alarming capabilities and interactions
- Pick the probe option that fits your application

Ideal for any customer who is monitoring a refrigerator or freezer, needs to be alerted to adverse conditions in a space, does not need digital data logging when monitoring a refrigerator or freezer.



Traceable Hygrometer With Clock

- Designed with an all-in-one reading panel and mount with magnet backing
- Simple setup experience

Ideal for any customer who needs to monitor ambient conditions and record them, or who is performing repeated processes while needing to capture ambient conditions.



Traceable Benchtop Timers

The Traceable Benchtop Timers offers the 3-Channel Timer for desktop use, or the 4-Channel Multi-Functional Timer designed for mobility.

- Simple setup experience
- Multi-direction timer settings
- Embedded anti-microbial coatings for reduced contamination risk
- Suitable for various applications, ideal for customers who need to time processes or procedures



Our Service Support



Qualification
Documentation



After Sales Support



Buy-Back Program

Contact us today at +1.800.266.1244 to speak to a technical expert

TraceableLIVE®

TraceableLIVE® has been updated!

TraceableLIVE® fully-compliant premium subscription meets 21 CFR Part 11 North American compliance and Annex 11 for Europe. All devices include ISO 17025 accredited calibration. If any of your TraceableLIVE® devices detect an out of range condition, lose connection to your network, begin to run low on battery, or if your device is due for calibration TraceableLIVE® will immediately send you alerts based on your settings.

Update One: Pre-Set Templates

Pre-loaded templates set up for monitoring chemical products according to the manufacturer's preferred settings will be available at launch. Additional templates, including some ZeptoMetrix® products are planned to be launched in the future. These pre-loaded templates will be available to Standard and Premium level TraceableLIVE® subscribers.

Update Two: Template Setup Function

At launch, TraceableLIVE® premium subscribers will be able to create their own templates according to whatever parameters they wish, including the ability to set their own min/max, time zones, times, and notification types, as well as the name and description of their template. Once set, the template can be chosen from a drop-down menu and users can see how many devices are associated with each template. Users can create an unlimited number of templates.

Update Three: Device-Based User Notifications

As of June 10th, all TraceableLIVE® subscribers will be able to set up and apply monitoring and alarm settings by device instead of by location. The benefits of this update are a simplified setup process, the ability to set up notifications on a 'per-device' basis, and admins will be able to assign specific users to specific devices.



Product code	Product Description	HSN Code	Price
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Analytics Oth

08068-22	Temp. Labels 160°-230°F 25/PK	38220019	10000
89800-12	Temp. Control STD 230V	90328990	277000
NC16400	Scotsman Ice Flake Machine Model AF156	84186910	575000
99999-88	Calibration F/UV DTLGR W/ 2 Sensors (PMA2100,PMA2110,PMA2130)	90279090	381000
25304-01	Digital Cap Torque Tester	90241000	414000

Baths & Circulators

20874-15	Recirculating Chiller with Turbine Pump	84186990	2199000
12184-03	Sand Bath FB-08 230-50/60	85141000	2281000
01189-50	Bath Fluidized Sand 240V	84195000	969000
10122-15	14L Bead Bath W/12L Bead 220V	84198995	651000
10122-05	6L Bead Bath W/5L Bead 220V	84198995	465000
12122-71	Wtr Bath Digital 15L 230V	84198990	140000
12122-81	Wtr Bath Digital 24L 230V	84191920	173000
78905-23	WB-200 Waterbath 11L 220V	84198990	68900
12105-89	CP ST Waterbath 10L 240V	84198990	190000
12054-05	Water Bath Shaking 17L 230V	84195000	835000
01262-15	Circulator Immersion 240V	84198998	290000
NC12169	Water Chiller	84198990	154000
16340-65	Digital Oil Bath 5L 230 V	84199090	169000
20873-54	Bath Ref Circ Mx 15L 240V	84186901	1238000
01184-73	Alum Oxide White 55LBS	25132090	318000

Block Heaters

36630-00	Reaction Station Integrity 10	84798200	3798000
36630-97	Reflux/Inert Head Intg 10	84799090	1472000
36630-95	Cap Inerting Kimble 10/PK	84199010	454000
36630-11	Reaction Station 10x25mm 230V	84798200	908000
36630-80	Multitemp 10 Plugin Box	84799090	392000
36630-82	Thermocouple Probes 10/PK	84799090	167000
36630-92	Software Integrity 10	84799090	204000
36620-43	Sample Concentrator 96 Well	84199090	259000

Cryogenics

44260-69	PS SS LN2 Refill Tank 50L	76130021	308000
44260-55	PS Cryo Dewar 115L With Racks	76130090	60000
03773-59	Dewar Flask 35L	76130000	325000

Flame Photometers

83055-05	Flame Photometer 220V	84198998	589000
02655-02	Atomizer Stainless Steel	90275090	189000
12655-98	Air Compressor 230V-50/60Hz	84148022	108000

Product code	Product Description	HSN Code	Price
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Freeze Dryers

03336-49	LG Pharma SS Freeze Dryer 220V	84193900	1280000
03353-07	Flask 1200mL	70172000	79100
03353-05	Flask 600mL	70172000	65900
03346-01	Drying Chamber 12 Port	84199095	472000
03353-01	Flask 80mL	70172000	32000

Freezer & Refrigerators

16340-32	Sparkfree Refrig 10.9 CuFt	84185000	284000
16340-02	Freezer -86°C 17.16 CuFt 230/50	84184010	1240000
16340-20	Refrig 13.8 CuFt 230/50	84185000	340000
16340-13	Refrig Freezer 6.5 CuFt 230/50	84185000	566000
16340-12	Freezer -20°C 9.3 CuFt 230/50	84184090	1170000
16392-51	Sparkfree Freezer 9.8 CuFt	84185000	350000
16401-70	Freezer -40°C 16.9 CuFt	84184000	800000
16340-19	Refrig 10.2 CuFt 230/50	84184090	284000
16340-01	Freezer -86°C 11.9 CuFt 230/50	84184010	1092000
16392-54	Sparkfree Refrig 4.2 CuFt Antistatic	84184000	300000
16340-08	Freezer -40°C 12.3 CuFt 230/50	84184010	458000
16340-07	Freezer -40°C 9.8 CuFt 230/50	841841010	377000
16340-10	Freezer -30°C 14.8 CuFt 230/50	841841010	836000

Furnaces

16395-07	Muffle Furnace 43 L 1200C Parallel Lift door, Ceramic Chamber	85141900	1452000
16393-89	Muffle Furnace 18L 1200 C SSD	85141900	520000
16393-70	Muffle Furnace 30 L 1200 C LD	85141900	1141000
16393-88	Muffle Furnace 7.6 L 1200 C SSD	85141900	396000
16393-62	Muffle Furnace 9 L 1000 C LD	85141900	615000
16393-80	Muffle Furnace 9 L 1200 C SD	85141900	632000

Heating Mantles

03012-33	Heating Mantle 250mL 230V	84198995	85200
03012-23	Heating Mantle 100mL 230V	84198995	81100
36013-00	Heating Mantle/Stir 100mL 230V	84198995	152000
36002-22	Heating Mantle 2L 230V	84199095	122000

Homogenizers & Accessories

04727-02	HO-200 Homogenizer Eu Plg 220V	84798200	166000
16353-43	T 25 Easy Clean Digi Disperser	84799090	341000

Incubators

16399-69	MIR-254 PE Cooled Incubator	84198990	589000
39454-05	Hybridization Incubator 230V	85141000	624000
39065-15	Microplate Incubator 20L 230V	85141000	434000
79520-10	Microplate Shaker Incubator 230V	84199090	540000
79520-16	Incubator OrbtI Shaker LG 230V	84798200	160000

Product code	Product Description	HSN Code	Price
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Lab Shakers

51900-02	Hand Motion Shaker 230V	84798200	270000
51900-02	Shaker Wrist-Action 230V	84798200	270000
51901-00	CP Large Orbital Shaker 230V	84798200	160000
51901-04	CP Gyro-Rocker Large 230V	84798200	130000
59986-62	Shaker F/8" Sieves 220V 50HZ	84798200	897000

Laboratory Equipments

36135-01	Electric Burner W/O Controller 230V	84198995	98600
36135-02	Electric Burner W Controller 230V	84198995	147000
NC40916	Combined Thermostat CBC 5 Control 220-240V	84799090	896807
NC40928	Heating/Cooling Unit 6 kW	84799090	705000
12143-05	Bath SS AC 7-11L 13TO150C 230V	84198995	406000
14212-04	Colony Counter Digital 230V	84798999	58600
NC40929	Vacuum Pump	84799090	476000
16399-68	MIR-154 PE Cooled Incubator	84198990	454000
86395-10	HPLC Can Disposal PP 5 GAL	39239000	115000
NC40915	pH-Measurement	84799090	792960
34788-10	Glove Box Large CP	84146000	821000
99294-25	Aqtron Still 8L/HR 230V	84194020	539000
99294-10	Aqtron Still 4L/HR DBL 220V	84194010	633000
01018-24	Liner Aluminum 102mm 500/CS	76169990	32100
04397-18	Bunsen Burner Firestar ST	84198995	155000
07067-44	Ultra-Quiet Oilless Air Compressors	84148020	394000
85230-00	Microcentrifuge 15K RPM	84211960	168000
03076-31	HM-200, MP6-500 Extraction Heater, 6P-500mL 230V	84198995	396000
54103-01	Digital Hardness Tester	90241000	402000
83056-79	Printer Jenway 72 74 76 SMP50	84431100	81100
01184-55	TC 9D Temp Controller B	90328990	355000
01019-11	Spatula Balance; 300 G X 0.1 G	84231000	7400
25304-02	Digital Cap Torque Tester	90241000	414000
16386-51	Multi-HS 6 Digital 230V/50-60Hz	84798200	296000
11803-01	Bench Scale 10X0.0005LB	84238190	447000
16399-81	H2O2 Decontamination Cntrl BRD	84198950	74400

Labware

01019-07	Weigh Dish Micro 13mm 100/PK	76169990	11000
01017-50	Weigh Dish 57mm 1000/CS	76169990	19200

Melting Point Apparatus

03013-02	Melting Point Auto Digital	84199010	527000
03011-47	Hi-Res Digital Melting Point Apparatus 230V	90278090	83000
03011-41	Digital Melting Point 240 V	90278035	70400
03010-41	Melting Point Apparatus 100-2	90278017	120000

Product code	Product Description	HSN Code	Price
Ovens			
52411-31	Prog Vacuum Oven 24L 220V	85141000	249000
52411-35	Prog Vacuum Oven 91L 220V	85141900	624000
52411-19	Mech Drying Oven 220L 220V	85141900	238000
52411-05	Gravity Drying Oven 96L 220V	85141900	170000
PCR			
93945-28	Alpha 2 Thermal Cyclers 2X384	84195090	1360000
93945-08	Alpha 4 Thermal Cyclers 4 X 384 Well	84195090	2253000
93945-12	Alpha 4 Thermal Cyclers 96X0.2mL	84195090	2295000
93947-00	PCR System Eco 48 100-240V	84195090	2767000
93945-14	PCR System Primepro 100-240V	84195090	2787000
93945-19	Thermal Cyclers Prime Gradient 96X0.2mL	84195090	587000
93945-02	Alpha 1 Thermal Cyclers 96X0.2mL	84195090	719000
Rotary Evaporators			
52411-93	Manual Rotovap 2L 220V	84198995	272000
52411-95	Motorized Rotovap 2L 220V	84198995	328000
SamplePrep			
04500-08	Automated Homogenizer 115/230V	84798200	1467000
04576-84	Highthroughput Homogenizer 230V	84798200	2284000
04577-93	Large Freezer/Mill W/Autofill	84798200	2024000
04577-47	Automated X-Press 35-Ton 230V	84798200	2915000
04577-77	6775 Freezer Mill 230V	84798200	1178000
04577-92	Large Freezer/Mill	84798200	1348000
04577-94	Large Dual Freezer/Mill	84798200	2442000
04578-13	8000M Mixer Mill 230V	84798200	1304000
04578-11	8000D Mixer Mill 230V	84798200	1560000
Stirrers and Hot Plates			
04807-62	Ugrad Shp Ceramic Digital 230V	84198990	52100
NC31183	AREX 5 Digital Stirring Hotplate with probe	84798200	98200
NC31247	AREC 7 Connect System with Probe	84798200	150000
NC31284	MtPl Digital Series Magnetic Stirrers, Multiple Position	84798200	117000
51600-08	STIR/HP 3-PLACE 230V 50HZ	84198995	134000
04671-44	Stirrer 7" X 7" 230V	84799090	64000
04807-64	Ugrad Shp Metal Digital 230V	84198990	46200
04801-08	Hotplate Analg Ptf 230/50-60	84198995	457000
04807-90	Sct2 Temp Control F/Ug Hp/Shp	84199090	25300
04807-76	Digital Shp Cer 30X30cm 230V	84798200	351000
04805-84	Str/Htplt Cermic Dgtl 230V	84198990	49900
Traceable			
23000-78	Data LGR Hitemp140 W/7" PRB	90258090	118000
90003-00	DS Thermomtr F/C Water Resist	90251990	6900

Product code	Product Description	HSN Code	Price
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Traceable Datalogger

18000-29	WIFI Temp RH Logger	90258090	64000
18000-30	WIFI Temp RH Logger	90258090	67800
18000-27	WIFI Temp Logger 1 Probe	90251990	72800
18000-28	WIFI Temp Logger 2 Probe	90251990	84700
18000-31	WRLS AMB Temp RH CO2 Logger	90258090	136000
18000-32	WRLS Temp RH CO2 Logger	90258090	138000
18000-33	WRLS Bar Temp RH CO2 Logger	90258090	68400

Ultrasonic Cleaners

08895-97	Ultrasonic Cleaner 5.5Gal 230V	84798999	726000
08895-99	Ultrasonic Cleaner 5.5Gal 230V	84798999	771000
08895-15	9L Ultrasonic Cleaner 230V	84798999	102000
08895-11	6L Ultrasonic Cleaner 230V	84798999	86700
08895-74	20L Ultrasonic Cleaner 230V	84798999	143000
08895-19	13L Ultrasonic Cleaner 230V	84798999	122000

Ultrasonic Processors

04711-45	Processor Ultrasonic 750W 230V	84798200	804000
04714-51	Ultrasonic Processor 220V	84798200	531000
04711-35	Processor Ultrasonic 500W 230V	84798200	751000
04710-48	Sound Abating Enclosure	84798200	150000
04710-93	Flow Cell Continuous	84798200	416000
04710-42	Micro Tip 1/8"	84798200	50500
04712-10	Probe Stepped Tip 2mm	84798200	50500
04712-50	Sound Enclosure	84798200	135000
04711-75	Processor Ultrasonic 500W 230V	84798200	632000

UV Visible

83056-01	Scan Spectrophotometer Diode Array 90-240V	90273090	335000
83056-22	7415 UV/Vis Spectrophotometer	90273090	826000
83056-26	7615 UV/Vis Spectrophotometer	90273090	907000
83056-23	7475 Nano Micro-Vol Spectrophotometer	90273090	1193000
83056-36	7615 UV/Vis Spectrophotometer Blk	90273090	921000
83070-02	Genova Nano Analyzer UV/Vis	90273090	1015000
83070-00	Genova Plus Analyzer UV/Vis	90273090	659000
83054-07	Spectrophotometer Vis 230V	90273090	825000
83058-16	Spectrophotometer UV/Vis Basic 90-264V	90273090	636000
83058-18	Spectrophotometer UV/Vis Advanced 90-264V	90273090	653000
83056-02	Scan Spectrophotometer Diode UV-Vis 90-240V	90273090	436000

Vacuum Pumps

07061-42	Pump Vacuum/Press 220/240V	84141000	140000
99966-96	Stuart Version Vacuum Pump	84199010	510000

Laboratory Consumables

Essentials
for equipping
your bench

Pipettes, Pipette Controllers, Tips, and Accessories

Increase Efficiency and Productivity

Pipettes, pipette controllers and accessories are ideal for accurate and repeatable results.



CATEGORIES

PIPETTES

PIPETTORS

PIPETTE CONTROLLERS

PIPETTE TIPS

BOTTLE TOP DISPENSERS

ELETRONIC PIPETTE

SYRINGE FILTERS

Pipettes, Pipette Controllers, Tips, and Accessories

Pipettes

Serological Pipettes – Achieve quick and accurate fluid dispensing for all applications. Graduations guarantee precise reading and accurate dispensing.

Transfer Pipettes – Easily draw and deliver precise solutions. They deliver repeatable, uniform drops and are configured to fit into a variety of vessels. Choose the bulb draw and graduations or drops per mL needed for measurement and delivery.



Pipettors

- Improve accuracy, enhance precision, and reduce the risk of repetitive motion with our electronic pipettors
- For volatile, viscous, or foamy liquids, select our positive displacement pipettors
- Also available, an array of specialty pipettors for your unique applications
- Available in single- and multi-channel models.



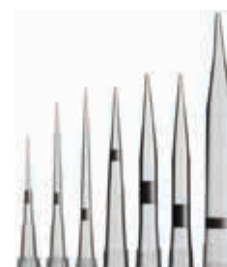
Pipette Controllers

- Pipette controllers are accessories that can customize your equipment to keep your dispensing consistent and reliable
- Select from our large selection of easy-to-use pipetting aids and pipette controllers to keep you on task and within budget



Pipette Tips

- Broad range of universal and brand name pipette tips to meet your needs
- When selecting, choose a tip style, then select the tip that fits your volume range
- A variety of packaging options in racks and bags are available for your convenience



Pipettes, Pipette Controllers, Tips, and Accessories

Bottle Top Dispensers

- Excellent chemical compatibility and precise dispensing
- Easy to use with simple, quick volume adjustments

Unique PTFE piston with integral o-ring provides smooth motion and high accuracy. Features a built-in 30mm threaded screw top and include adapters for 28mm, 32mm, 36mm, 40mm and 45mm bottles. Dispenser is easy to calibrate and disassemble for cleaning.



Electronic Pipettors

Single and multi-channel options.

- Five essential modes: forward, reverse, multi, mixing, and diluting
- 360° rotational manifold for pipetting convenience
- Auto-sensing magnetic piston for controlled pipetting of individual channels
- Specially designed tip cones for leak-free operation
- Smooth and light-loading ejection of tips
- Volume: 10 to 5000 μL single-channel



Syringe Filters, Non-Sterile

Economical, single use, and efficient filtering stream for high output filtration from viscous and particle-laden solutions.

- Reduce bursting with reinforced polypropylene housing
- Take advantage of a large effective filtration area
- Standard female luer-lock inlet and male luer-slip outlet
- Available in various membrane size, pore size, and material combinations



Use the single-use syringe filters for clarification and prefiltration, and even for removing fine particulate with the membrane's large effective filtration area. Non-sterile bulk pack of syringe filters 50 per pack. The membrane type and pore size are visible on each filter housing as well.

Chromatography

Our Selection of Liquid Chromatography Products Provides Consistent Performance and Faster Analysis

Regardless of your chromatography discipline, we offer chromatography products for all applications to help you with your sample preparatory and analytical work.



CATEGORIES

DIBA OMNIFIT® EZ COLUMNS

DIBA OMNIFIT® EZ
SOLVENTPLUS™ COLUMNS

SPE AND SLE PLATES

VIALS, CAPS AND SEPTA

VAPLOCK

Chromatography

Diba Omnifit® EZ Chromatography Columns

- An ideal solution for the extraction of water-soluble organic compounds from aqueous matrices

A combination of optimized chemistry and excellent flow characteristics means columns provide reliable extraction of a wide range of analytes from a variety of aqueous samples.



Diba Omnifit® EZ SolventPlus™ Chromatography Columns

- Ideal for techniques using organic solvents such as reversed phase chromatography
- Columns are ideal for low to medium pressure applications and are resistant to many solvents used in liquid chromatography

EZ SolventPlus™ columns have only the most chemically inert materials in the fluid path—borosilicate glass, PTFE, and Chemraz®—ensuring the utmost chemical resistance. Modular design gives you the flexibility to mix and match column sizes with different endpiece types to meet your specific requirements.



SPE and SLE Plates

SPE Plates – Optimized for the sample processing and extraction of small volume biological fluids. The internal diameter, frit design, and sorbent allow biological fluid samples to be processed.

SLE Plates – Supported Liquid Extraction (SLE) is a common bioanalytical sample preparation technique, supporting high throughput assays. The technique mimics the characteristics of traditional Liquid-Liquid Extraction (LLE), but unlike LLE lends itself to high throughput and automation. Packed with a diatomaceous earth, each well provides a support to absorb the aqueous sample, with the analytes subsequently eluted with a water immiscible organic solvent.



Vials, Caps and Septa

- Ensure contamination-free sample handling and trouble-free autosampler operation
- Versatile designs for superb performance
- Variety of styles and septa materials are available to match your equipment and applications



Chromatography

VapLock™ Solvent Waste Kits

Precision-engineered for a broad spectrum of laboratory and industrial applications, our VapLock™ Solvent Waste Kits include everything you need to safely deliver chemicals and contain hazardous emissions. The kits are an easy and cost-effective way to protect your team's health, maintain regulatory compliance, and ensure the validity of your results.

- Quickly connect to your existing HPLC system
- Collect waste from multiple effluent streams
- Minimize harmful leaks, spills, and vapors
- Store, carry, and change liquids with ease

Breakthrough Filter Indicator

The exhaust filter's indicator changes color as the activated carbon filter absorbs hazardous carbon vapors.



VapLock™ HPLC Solvent Safety System

1. Anti-twist solvent safety bottle caps reduce chemical evaporation & exposure to hazardous vapors. Combine with Vaplock air inlet or relief valves to maintain pressure equilibrium within the bottle.
2. Tubing adapters create a liquid-tight connection & plugs seal unused manifold & cap port.
3. Manifold cap for collection containers allows greater evaporation control & reduce exposure to hazardous vapors.
4. Exhaust filter mitigates health hazards, reduces chemical emissions & odors from solvent containers.
5. Breakthrough color indicators to determine longevity & establish a replacement schedule.
6. Adapters for versatile exhaust filter configuration.

Sampling Tools

Wide Range of Sampling Tools Commonly Used in the Lab

Sampling tools for free-flowing to viscous liquids. Single-point, multi-level sampling for loose granules to cohesive powders.



CATEGORIES

LIQUID SAMPLING TOOLS

POWDER SAMPLING TOOLS

GENERAL LAB SAMPLING
TOOLS

Selecting the Right Sampling Tools

Sampling collection best practices suggest that collecting samples improperly will provide inadequate results. So, using the right tool is critical for accurate results. To make selection easy, Cole-Parmer has categorized sampling tools by general lab sampling tools, powder sampling tools, and liquid sampling tools.

Check out our selection guide at [coleparmer.com/tech-article/how-to-select-sampling-tools](https://www.coleparmer.com/tech-article/how-to-select-sampling-tools).

Sampling Tools

Liquid Sampling Tools

- Liquid sample collectors are ideal for sampling liquids, thin oils, and ointments
- Viscous sample collector with large bore hole and oversized handle are ideal for viscous materials like honey, creams, pastes, and thick oils
- Ice samplers are ideal for demanding applications such as sampling wax and frozen products and designed to fit most common commercial drills
- Ladles are easy to use with liquids, creams, and pastes



Powder Sampling Tools

- Slot samplers are ideal for free-flowing powder
- Grain spears are ideal for food and environmental sampling. Pockets positioned in spiral; bottom pocket opens and fills first, giving a more representative sample
- Sleeve sampler chamber and handle are used together for sampling at greater depths
- Powder sample collectors are ideal for free-flowing powders
- Powder lances are ideal for cohesive powders
- Powder spatulas are ideal for surface and general sampling
- Cleaning brushes are ideal for cleaning stainless steel and plastic samplers



General Lab Sampling Tools

- Scoops are used for sampling and dispensing powders and granules
- Spoons are used for sampling and dispensing powders, granules and liquids
- Spatulas are used for mixing, scraping and other tasks related to transferring materials and samples from one place to another
- Scrapers are used for cutting, cleaning, and general scraping
- Funnels are used for transferring powders and granules



Bottles

For General Handling, Transporting and Storing of Liquids and Solids

We offer versatile containers in a wide variety of materials (glass, plastic, stainless steel), sizes, shapes, mouth styles, and closures.



CATEGORIES

WIDE MOUTH BOTTLES

NARROW MOUTH BOTTLES

CERTIFIED PRE-CLEANED
BOTTLES

MEDIA BOTTLES

STERILE MEDIA BOTTLES

CARBOYS

Bottles

Wide Mouth Bottles

- High density polyethylene (HDPE) bottles are manufactured with FDA-compliant resin for non-contaminating storage of chemicals and food-grade products
- Low density polyethylene (LDPE) bottles are translucent and ideal for food and general-use laboratory applications
- Polypropylene (PP) bottles are rigid and offer superior chemical resistance; perfect for storage and sampling of liquids and solids, autoclavable
- Fluorinated high density polyethylene (FLPE) bottles offer strong barrier properties and reduce solvent absorption and penetration on both inside and outside surfaces



Narrow Mouth Bottles

- High density polyethylene (HDPE) bottles are chemical resistant and stand up to most corrosives and make excellent storage or shipping containers for liquids or dry chemicals
- Glass bottles are economically priced glass bottles are priced to meet your budget requirement, PTFE bottle caps promote bottle cleanliness
- Low density polyethylene (LDPE) bottles are translucent, flexible, and are manufactured with approved FDA compliant resins that are ideal for food product applications
- Polypropylene (PP) bottles are translucent, rigid bottles that offer superior chemical resistance, bottles are ideal for storage and sampling of liquids and solids



Certified Pre-Cleaned Bottles

- Bottles are pre-cleaned and certified clean for worry-free sampling
- Leakproof design keeps samples safe
- Saves valuable time—odor-free and tasteless finish will not affect stored products, pre-cleaned by vacuum and ionization



Bottles

Media Bottles

- Bottles are suitable for storing non-hazardous chemicals or volatile organic substances for a long period of time
- Glass bottles are ideal for mixing, storing and sampling with a wide-mouth opening for easy pouring, bottles withstand temperatures from -58°F to 1022°F (-50°C to 550°C)
- Polypropylene bottles are translucent and feature visible molded mL graduations and a drip proof spout for easy pouring. Resistant to acids, alcohols, and bases, they withstand temperatures from 32°F to 275°F (0 to 135°C).
- Polystyrene bottles are ideal for storing, transferring and media preparation with a unique, stable design to prevent accidental tip over



Sterile Media Bottles

Reduce risk of cross contamination with disposable Cole-Parmer media bottles

- Shatterproof PET provides a safe alternative to glass
- Supplied with HDPE screw caps free of heavy metals
- Bottle is embossed with graduations on both sides for easy reference
- Temperature range from -60°C to 60°C
- Individually packed and EB sterilized
- Certificate of conformance available on request



Carboys

Carboys are designed for storing and transporting large volumes of fluids and media, up to 75 liters. We offer a range of leakproof formats: jerricans, square, collapsible, low-profile, FDA-compliant and heavy-duty vacuum carboys in a variety of materials. Some are equipped with a spigot and handles for ease of use.



Cleaning Consumables

Ensure the Health and Safety of Lab Personnel

Cleaning products keep equipment running at peak efficiency, reduce the risk of contamination, and ensure the health and safety of personnel — a necessity for every lab and cleanroom facility! We recognize the value of laboratory cleaning supplies and offer a complete line of cleaning solutions for surfaces and equipment, as well as skincare products.



CATEGORIES

CLEANROOM WIPES

GOGGLES

SWABS

LATEX GLOVES

NITRILE GLOVES

Cleaning Consumables

Cleanroom Wipes

Cole-Parmer offers a comprehensive range of high-quality wipes designed for critical environments. Our portfolio includes:

- 2-Ply Quilted Wipes, featuring two layers of 100% polyester fabric for enhanced sorbent capacity and ultraclean properties
- 1-Ply Polyester Wipes, offering softness, durability, and high absorbency
- Non-Woven Poly-Cellulose Wipes, combining exceptional durability and chemical resistance with high liquid retention
- MicroFiber Wiper are Ultraclean and highly sorbent wiper ideal for critical environments

Available in sterile gamma irradiated and non-sterile versions, our wipes come in 9" x 9" (228 x 228 mm) and 12" x 12" (304 x 304 mm) sizes, catering to various cleanroom and laboratory applications.



Autoclavable Safety Goggles

We offer a range of safety goggles designed to provide maximum protection and comfort. Our goggles feature:

- Sturdy, comfortable, and ergonomic frames with replaceable lenses
- BS.EN 166.2002 compliance for assured quality
- Soft thermoplastic rubber frames for utmost comfort
- Wide vision goggles for high-level comfort and maximum protection
- Scratch-resistant polycarbonate lenses with premium anti-fog coating
- Triple-hollows system for strap length adjustment
- Fits over most prescription glasses
- Dust-proof, wind-proof, and splash protection features

Our safety goggles come in different models, Autoclavable Safety Goggles (Direct-Vented and Indirect-Vented) & Safety Goggles with 99.99% UV protection (UV-A, UV-B, UV-C).



Swabs

- Thermoplastic frame provides utmost comfort and ventilation Scratch-resistant, polycarbonate lens with anti-fogging properties Ideal for use in wide range of applications Easily cleaned, adjustable silicone support strap
- Sturdy, Ergonomic Frame with Antifog Lens, BS.EN166.2002 Compliant



Cleaning Consumables

Latex Gloves

Cole-Parmer offers a comprehensive range of gloves optimized for pharmaceutical manufacturing and cleanroom applications.

- Cole-Parmer Latex Gloves are ergonomically designed for superior tactile sensitivity and comfort, featuring powder-free, low-protein natural rubber latex to minimize allergic reactions. These gloves boast a fully textured finish for enhanced grip, even when wet, and a beaded cuff for easy donning. Available in four different sizes: 12", 14", 16" and 18"
- All Cole-Parmer gloves meet stringent quality standards, including AQL 1.5, and are designed to ensure operator safety and cleanroom integrity



Nitrile Gloves

Cole-Parmer offers a comprehensive range of gloves optimized for pharmaceutical manufacturing and cleanroom applications.

- ThinTouch Nitrile Gloves provide puncture-resistant protection against chemicals, with a soft, comfortable fit and textured fingertips for improved grip. They are latex- and powder-free, ambidextrous, and available in 9.5" length and four sizes
- ThinTouchPROtect™ Nitrile Gloves offer advanced composition with higher breakthrough times, tested for use with 29 chemotherapeutic drugs. They feature enhanced chemical resistance, exceptional breakthrough times, static dissipative properties, and higher tensile strength for puncture and tear resistance. Available in three different sizes: 9.5", 12" & 16"
- All Cole-Parmer gloves meet stringent quality standards, including AQL 1.5, and in case of ThinTouchPROtect™ Nitrile Gloves it is AQL 0.65 are designed to ensure operator safety and cleanroom integrity



Plasticware

Handling and processing materials

Plasticware provides durable, cost-effective, and versatile solutions for various applications. Manufactured to meet stringent quality standards, lab plasticware is essential for daily bench operations

CATEGORIES

CULTURE DISHES

CULTURE FLASKS

CULTURE PLATES

CELLS SCAPERS

CELLS STRAINERS

CRYOVIALS

CT TUBES



Plasticware

Cell and Tissue Culture Dishes

Excellent optical quality for healthy cells and reproducible results.

- Flat bottom with uniform wall thickness ensures stability
- Corrugation free and smooth dish surface maximizes usable growth area
- Gamma sterilized and non-pyrogenic
- The rim on the upper side of the lid mates with the dish brim for easy and secure stacking
- Lids with vents are available for very effective gas exchange



Cell and Tissue Culture Flasks

Optimize the cultivation of cells and tissues in your lab.

- Innovative angled neck design offers easy pipetting and cell scraper access
- Upper triangular and wider base shape provides stability
- Gamma sterilized, DNase- and RNase-free, non-pyrogenic
- Graduation marked on both sides along with special area near neck for marking
- 2 different cap styles can be used in both open and closed system
- Plug sealing caps - standard polyethylene caps providing liquid and gas shear seal
- Vented caps - vented polyethylene caps contain a 0.22 μ hydrophobic filter to allow gas exchange and minimize risk of cross contamination



Cell and Tissue Culture Plates

Maximize results and reduce evaporation with smooth surface and raised well rims.

- Printed lot numbers on both the plate and packaging ensures traceability
- Optically clear plates allow for easy visualization of cell growth
- Gamma sterilized and non-pyrogenic
- Individually packaged in peel-to-open paper/plastic blister pack



Cell Scrapers with Pivoting Blade, Sterile

Maximize results and reduce evaporation with smooth surface and raised well rims.

- Pivot blade helps to minimize cell damage
- Prevent slippage during use and cell damage with ABS handle
- Features a ribbed-grip design handle and TPE blade which doesn't hurt cells
- Each scraper is individually packaged and has been gamma sterilized, non-pyrogenic
- Access the entire cell surface, including difficult to reach places with the swivel blade



Plasticware

Cell Strainers, Sterile DNase- and RNase-Free

Secure single-cell suspensions.

- Pair directly with your 50 mL centrifuge tubes
- Strong nylon mesh with evenly spaced mesh pores with 40, 70 or 100 μm mesh diameters
- Color-coded frames help differentiate sizes and extended tab enables aseptic handling with forceps
- Individually packaged and gamma sterilized, DNase- and RNase-free and non-pyrogenic



Cryovials

Reliable long-term storage of your precious samples.

- Temperature range: -196°C to 121°C
- Available in 4 different volumes: 0.5ml, 1.5ml, 2.0ml, and 5.0ml
- Tight screw cap closures with silicone gaskets prevents liquid leakage
- The maximum reservoir capacity is 80% of the total volume
- Certified DNase-, RNase-free and non-pyrogenic



Centrifuge Tubes

Reliable long-term storage of your precious samples.

- Disposable polypropylene tubes are autoclavable to 250°F (121°C)
- Can be safely stored in freezers down to -112°F (-80°C)
- Caps with recessed lid and sealing ring prevent leaking
- Available in heavy metal free format

Easy-to-read black graduations offer accurate reading to $\pm 2\%$; the 15 mL tubes feature increments of 0.5 mL while the 50 mL tubes have increments of 2.5 mL. Frosted writing surface allows for permanent identification and labelling. Tubes are offered in either non-sterilized or sterilized versions, are nonpyrogenic, and certified RNase-, DNase- and DNA-free.



Product code	Product Description	Qty	HSN Code	Price
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Bottle Top Dispensers

15977-71	Bottletop Disp .25-2.5mL	Each	90278090	21800
15977-72	Bottletop Disp .5-5mL	Each	90278090	21800
15977-73	Bottletop Disp 1-10mL	Each	90278090	21800
15977-74	Bottletop Disp 2.5-30mL	Each	90278090	32600
15977-75	Bottletop Disp 5-60mL	Each	90278090	32600
15977-76	Bottletop Disp 10-100mL	Each	90278090	39200
15977-77	Bottletop Disp .25-2.5mL Rv	Each	90278090	29400
15977-78	Bottletop Disp .5-5mL Rv	Each	90278090	29400
15977-79	Bottletop Disp 1-10mL Rv	Each	90278090	29400
15977-80	Bottletop Disp 2.5-30mL Rv	Each	90278090	44000
15977-81	Bottletop Disp 5-60mL Rv	Each	90278090	44000
15977-82	Bottletop Disp 10-100 mL Rv	Each	90278090	53000

Bottles

06045-48	Wide-Mouth Plastic Bottle, PP, 30mL (1 oz);	12/Pk	39233090	5300
06045-56	Wide-Mouth Plastic Bottle, PP, 60mL (2 oz);	12/Pk	39233090	3800
06045-58	Wide-Mouth Plastic Bottle, PP, 125mL (4 oz);	12/Pk	39233090	5200
06045-62	Wide-Mouth Plastic Bottle, PP, 250mL (8 oz);	12/Pk	39233090	10600
06045-66	Wide-Mouth Plastic Bottle, PP, 500mL (16 oz);	12/Pk	39233010	14600
06045-68	Wide-Mouth Plastic Bottle, PP, 1000mL (32 oz);	6/Pk	39233090	11300
06057-10	Wide-Mouth Plastic Bottle, PP, 2000mL (64 oz)	1/Pk	39233090	4200
06057-20	Wide-Mouth Plastic Bottle, PP, 4000mL (128 oz)	1/Pk	39233090	5600
06257-05	Heavy-Duty Plastic Bottle, PP, 250mL;	6/Pk	39233090	18500
06257-10	Heavy-Duty Plastic Bottle, PP, 1000mL;	6/Pk	39233090	33000
06257-20	Heavy-Duty Plastic Bottle, PP, 2000mL;	2/Pk	39233090	14500
06257-00	Heavy-Duty Plastic Bottle, PP, 4 L	1/Pk	39233090	11300
06257-30	Heavy-Duty Plastic Bottle, PP, 5000mL	1/Pk	39233090	14700
06035-31	Economy Wide-Mouth Plastic Bottle, HDPE, 30mL (1oz);	12/Pk	39233090	2000
06035-35	Economy Wide-Mouth Plastic Bottle, HDPE, 60mL (2oz);	12/Pk	39233090	2300
06035-39	Economy Wide-Mouth Plastic Bottle, HDPE, 125mL (4oz);	12/Pk	39233090	6000
06035-43	Economy Wide-Mouth Plastic Bottle, HDPE, 250mL (8oz);	12/Pk	39233090	4000
06035-49	Economy Wide-Mouth Plastic Bottle, HDPE, 500mL (16oz);	48/Pk	39233090	42000
06035-51	Economy Wide-Mouth Plastic Bottle, HDPE, 1000mL (32oz);	6/Pk	39233090	6300
06035-38	Economy Wide-Mouth Plastic Bottle, HDPE, 2000mL	1/Pk	39233090	2300
06055-20	Wide-Mouth Plastic Bottle, HDPE, 4000mL	1/Pk	39233090	5200
06036-01	Economy Amber Wide-Mouth Plastic Bottle, HDPE, 30mL (1oz);	12/Pk	39233090	3400
06036-05	Economy Amber Wide-Mouth Plastic Bottle, HDPE, 60mL (2oz);	12/Pk	39233090	3400
06036-09	Economy Amber Wide-Mouth Plastic Bottle, HDPE, 125mL (4oz);	12/Pk	39233090	3900
06036-13	Economy Amber Wide-Mouth Plastic Bottle, HDPE, 250mL (8oz);	12/Pk	39233090	5800
06036-17	Economy Amber Wide-Mouth Plastic Bottle, HDPE, 500mL (16oz);	12/Pk	39233090	7600
06036-21	Economy Amber Wide-Mouth Plastic Bottle, HDPE, 1000mL (32oz);	6/Pk	39233090	6800
06035-07	Economy Narrow-Mouth Plastic Bottle, HDPE, 30mL (1oz);	12/Pk	39233090	1600
06035-11	Economy Narrow-Mouth Plastic Bottle, HDPE, 60mL (2oz);	12/Pk	39233090	1900
06035-15	Economy Narrow-Mouth Plastic Bottle, HDPE, 125mL (4oz);	12/Pk	39233090	2400
06035-19	Economy Narrow-Mouth Plastic Bottle, HDPE, 250mL (8oz);	12/Pk	39233090	3900
06035-23	Economy Narrow-Mouth Plastic Bottle, HDPE, 500mL (16oz);	12/Pk	39233090	4700
06035-27	Economy Narrow-Mouth Plastic Bottle, HDPE, 1000mL (32oz);	6/Pk	39233090	5000

Product code	Product Description	Qty	HSN Code	Price
Bottles				
06026-10	Amber Narrow-Mouth Plastic Bottle, HDPE, 30mL (1oz);	12/Pk	39233090	3200
06026-20	Amber Narrow-Mouth Plastic Bottle, HDPE, 60mL (2oz);	12/Pk	39233090	3900
06026-40	Amber Narrow-Mouth Plastic Bottle, HDPE, 125mL (4oz);	12/Pk	39233090	5000
06026-50	Amber Narrow-Mouth Plastic Bottle, HDPE, 250mL (8oz);	12/Pk	39233090	6700
06026-60	Amber Narrow-Mouth Plastic Bottle, HDPE, 500mL (16oz);	12/Pk	39233090	9800
06026-70	Amber Narrow-Mouth Plastic Bottle, HDPE, 1000mL (32oz);	6/Pk	39233090	8300
06043-10	Wide-Mouth Plastic Bottle, LDPE, 30mL;	12/Pk	39233090	4900
06043-20	Wide-Mouth Plastic Bottle, LDPE, 60mL;	12/Pk	39233090	5000
06043-30	Wide-Mouth Plastic Bottle, LDPE, 125mL;	12/Pk	39233090	6000
06043-40	Wide-Mouth Plastic Bottle, LDPE, 250mL;	12/Pk	39233090	8600
06043-50	Wide-Mouth Plastic Bottle, LDPE, 500mL;	12/Pk	39233090	11600
06043-60	Wide-Mouth Plastic Bottle, LDPE, 1000mL;	6/Pk	39233090	10900
06038-21	Narrow-Mouth Bottle, LDPE, 2 oz;	12/Pk	39233090	5100
06038-23	Narrow-Mouth Bottle, LDPE, 4 oz;	12/Pk	39233090	6200
06038-25	Narrow-Mouth Bottle, LDPE, 8oz;	12/Pk	39233090	8900
06038-27	Narrow-Mouth Bottle, LDPE, 16oz;	12/Pk	39233090	11900
06038-29	Narrow-Mouth Bottle, LDPE, 32oz;	6/Pk	39233090	9800
06300-12	Chemically Inert PTFE Bottle, 1 mL	1/Pk	39269099	6000
06300-16	Chemically Inert PTFE Bottle, 5 mL	1/Pk	39269099	7500
06300-18	Chemically Inert PTFE Bottle, 10 mL	1/Pk	39269099	18700
06300-24	Chemically Inert PTFE Bottle, 25 mL	1/Pk	39269099	12600
06300-26	Chemically Inert PTFE Bottle, 50 mL	1/Pk	39269099	14900
06300-28	Chemically Inert PTFE Bottle, 100 mL	1/Pk	39269099	26700
06300-34	Chemically Inert PTFE Bottle, 150 mL	1/Pk	39269099	28800
06300-36	Chemically Inert PTFE Bottle, 250 mL	1/Pk	39269099	26900
06300-38	Chemically Inert PTFE Bottle, 500 mL	1/Pk	39269099	50600
06300-42	Chemically Inert PTFE Bottle, 1000 mL	1/Pk	39269099	70900
06300-44	Chemically Inert PTFE Bottle, 2000 mL	1/Pk	39269099	119000

Cell & Tissue Culture Dishes

15971-32	TC Petdish 35mm NT-S	960/CS	39269099	24800
15971-33	TC Petdish 60mm NT-S	600/CS	39269099	17500
15971-34	TC Petdish 70mm NT-S	600/CS	39269099	17500
15971-35	TC Petdish 90mm NT-S	500/CS	39269099	18400
15971-36	TC Petdish 100mm G-NT-S	300/CS	39269099	11000
15971-37	TC Petdish 150mm NT-S	100/CS	39269099	15000
15971-38	TC Petdish 150mm NT-S	120/CS	39269099	21000
15971-39	TC Petdish 35mm ST-S	960/CS	39269099	29500
15971-40	TC Petdish 60mm ST-S	600/CS	39269099	22900
15971-41	TC Petdish 70mm ST-S	600/CS	39269099	21700
15971-42	TC Petdish 90mm ST-S	500/CS	39269099	25700
15971-43	TC Petdish 100mm G-ST-S	300/CS	39269099	15400
15971-44	TC Petdish 150mm ST-S	100/CS	39269099	18500
15971-45	TC Petdish 150mm ST-S	120/CS	39269099	25200

Product code	Product Description	Qty	HSN Code	Price
Cell & Tissue Culture Flasks				
15971-12	TC Flask-NT-S PLG 25mL	200/CS	39269099	14000
15971-13	TC Flask-NT-S VNT 25mL	200/CS	39269099	17800
15971-14	TC Flask-NT-S PLG 50mL	200/CS	39269099	14700
15971-15	TC Flask-NT-S VNT 50mL	200/CS	39269099	19100
15971-16	TC Flask-NT-S PLG 250mL	100/CS	39269099	15300
15971-17	TC Flask-NT-S VNT 250mL	100/CS	39269099	18400
15971-18	TC Flask-NT-S PLG 600mL	40/CS	39269099	11400
15971-19	TC Flask-NT-S VNT 600mL	40/CS	39269099	14000
15971-20	TC Flask-NT-S PLG 850mL	18/CS	39269099	10800
15971-21	TC Flask-NT-S VNT 850mL	18/CS	39269099	11900
15971-22	TC Flask-ST-S PLG 25mL	200/CS	39269099	15800
15971-23	TC Flask-ST-S VNT 25mL	200/CS	39269099	19100
15971-24	TC Flask-ST-S PLG 50mL	200/CS	39269099	17400
15971-25	TC Flask-ST-S VNT 50mL	200/CS	39269099	21000
15971-26	TC Flask-ST-S PLG 250mL	100/CS	39269099	19300
15971-27	TC Flask-ST-S VNT 250mL	100/CS	39269099	22300
15971-28	TC Flask-ST-S PLG 600mL	40/CS	39269099	13300
15971-29	TC Flask-ST-S VNT 600mL	40/CS	39269099	15300
15971-30	TC Flask-ST-S PLG 850mL	18/CS	39269099	11700
15971-31	TC Flask-ST-S VNT 850mL	18/CS	39269099	12900

Cell & Tissue Culture Plates

01927-70	Plate TC 6 Well Sterile	100/CS	39269099	32900
01927-72	Plate TC 12 Well Sterile	100/CS	39269099	35300
01927-74	Plate TC 24 Well Sterile	100/CS	39269099	35300
01927-78	Plate TC 96 Well Sterile	100/CS	39269099	32900
15972-60	TC 6 Well NT-S	100/CS	39269099	16000
15972-61	TC 12 Well NT-S	100/CS	39269099	17800
15972-62	TC 24 Well NT-S	100/CS	39269099	17800
15972-63	TC 96 Well NT-S	100/CS	39269099	16000

Cell Lifters

01959-14	Cell Lifters, Sterile, HDPE, Flat and Narrow Blades;	100/Cs	39269099	19800
01959-16	Cell Lifters, Sterile, HDPE, Flat Blade and J-hook;	100/Cs	39269099	19800

Cell Scraper

04396-00	Cell Strainer, Sterile, 40 µm, Blue, Individually Wrapped;	50/Cs	39269099	16800
04396-01	Cell Strainer, Sterile, 70 µm, White, Individually Wrapped;	50/Cs	39269099	16800
04396-02	Cell Strainer, Sterile, 100 µm, Yellow, Individually Wrapped;	50/Cs	39269099	16800

Cell Stainers

04396-53	Cell Scraper, Sterile, 20 mm Pivoting Blade, 25 cm L;	100/Cs	39269099	15900
04396-54	Cell Scraper, Sterile, 30 mm Pivoting Blade, 39 cm L;	100/Cs	39269099	22200

Product code	Product Description	Qty	HSN Code	Price
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Centrifuge Tubes

16398-82	Centrifuge Tube 15mL	500/CS	39269099	4200
16398-83	Centrifuge Tube 50mL	500/CS	39269099	5900
16399-12	Tube Cent 50mL ST BG	500/CS	39269099	6900
16398-68	Tube Cent 15mL ST BG	500/CS	39269099	4700
16398-69	Tube Self-ST NS 50mL	500/CS	39269099	7100
16398-74	Centrifuge Tube 15mL, Individual Wrapped; Gamma Sterilized	500/CS	39269099	8200
16398-75	Centrifuge Tube 50mL, Individual Wrapped; Gamma Sterilized	500/CS	39269099	5400

Chemical Resistance Gloves

15986-09	CR Glove Nitrile 13" 18MIL S	144 pair/CS	40151900	16000
15986-09	CR Glove Nitrile 13" 18MIL M	144 pair/CS	40151900	16000
15986-10	CR Glove Nitrile 13" 18MIL L	144 pair/CS	40151900	16000
15986-11	CR Glove Nitrile 13" 18MIL XL	144 pair/CS	40151900	16000
16358-49	CR Glove Nitrile 13" Small	144 pair/CS	40151900	15500
16358-50	CR Glove Nitrile 13" Medium	144 pair/CS	40151900	15500
16358-51	CR Glove Nitrile 13" Large	144 pair/CS	40151900	15500

Cleanroom Paper

16348-60	Paper Cleanroom White	2500/CS	48234000	6800
16348-61	Paper Cleanroom Blue	2500/CS	48234000	8500

Cleanroom Swabs

33676-01	Swabs Polyester Micro	500/BG	56012200	18200
33676-03	Swabs Foam/Cotton	500/BG	39269099	32100
33676-07	Swabs Polyester Alpha	100/BG	56012200	6700
33676-11	CP Swab 0.5 Polyester	100/PK	56012200	7300
33677-62	Swab 0.5" Polyester	100/BG	63079090	11200
33677-63	Swab 0.5" Polyester	100/BG	63079090	12500

Cryovials

15971-85	Cryovials 1.5mL NS	810/CS	39269099	16300
15971-90	Cryovials Self-Standing 0.5mL S	810/CS	39269099	16300
15971-93	Cryovials Self-Standing 2.0mL NS	810/CS	39269099	16800
15971-97	Cryovials 2.0mL NS	5000/CS	39269099	76700

Dessicators

06525-22	Desiccator, PP/PC/Neoprene, 6" dia	Each	39269099	17500
06525-24	Desiccator, PP/PC/Neoprene, 8" dia	Each	39269099	20100
06525-26	Desiccator, PP/PC/Neoprene, 10" dia	Each	39269099	26200

Disposable Sterile Forceps

16348-11	Forceps Transparent White Sterile	100/PK	39269099	1700
16348-12	Forceps Dark Blue Sterile	100/PK	39269099	1700

Product code	Product Description	Qty	HSN Code	Price
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Electronic Burette

15977-89	Electronic Burette 10 mL 230V	Each	90278090	217000
15977-90	Electronic Burette 25 mL 230V	Each	90278090	217000
15977-91	Electronic Burette 50 mL 230V	Each	90278090	217000

Electronic Pipettors

24501-25	Electronic Pipette Single 0.5-10 µL	Each	84798999	50700
24501-26	Electronic Pipette Single 5-100 µL	Each	84798999	53300
24501-27	Electronic Pipette Single 10-200 µL	Each	84798999	50700
24501-28	Electronic Pipette Single 50-1000 µL	Each	84798999	50700
24501-29	Electronic Pipette Single 250-5000 µL	Each	84798999	53300
24501-30	Electronic Pipette 8 Channel 0.5-10 µL	Each	84798999	72300
24501-31	Electronic Pipette 8 Channel 2-20 µL	Each	84798999	72300
24501-32	Electronic Pipette 8 Channel 5-100 µL	Each	84798999	72300
24501-34	Electronic Pipette 8 Channel 15-300 µL	Each	84798999	72300
24501-40	Stand Charging for Omega	Each	39269099	8300

Extreme Temperature Gloves

33689-20	Gloves ESD 1000°F 14"	Pair	61169300	48500
33689-21	Gloves ESD High Temp 14"	Pair	61169300	67200
33689-22	Gloves ESD High Temp 18"	Pair	61169300	98700
33689-23	Gloves ESD High Temp 27"	Pair	61169300	80900

Goggles

15972-19	CP Autoclavable Goggles	5/Bx	90049090	9800
15972-21	Replaceable Lens	50/Bx	90049000	28600
16392-21	IV Autoclavable Goggle	10/Bx	90049090	14700
16392-23	Safety Goggle	10 Pcs/Bx	90049090	2000
16370-91	Autoclave cycle monitoring strips	50 Pcs/ Bx	63071090	5000
16392-25	Safety Spectacles	12 Pcs/Bx	90049090	1400

Heat Insulated Neoprene Gloves

40211-30	Gloves Heat Insulated Medium	Pair	61161000	7400
40211-31	Gloves Heat Insulated Large	Pair	61161000	7400
40211-32	Gloves Heat Insulated X-Large	Pair	61161000	7400

Inoculation Loop

06231-02	Disposable inoculating Loop, 1µL, Non Sterile	1000 loops	39269099	7400
06231-03	Disposable inoculating Loop, 1µL, Sterile	1000 loops	39269099	6000
06231-04	Disposable inoculating Loop, 10µL, Non Sterile	1000 loops	39269099	7400
06231-05	Disposable inoculating Loop, 10µL, Sterile	1000 loops	39269099	6000
06231-07	Disposable inoculating Loop, 1µL Individual wrap, Sterile	250 loops	39269099	6200
06231-08	Disposable inoculating Loop, 10µL Individual wrap, Sterile	250 loops	39269099	6200

Lamps

11941-28	Lamp D2 SHI LL LC2010 HPLC	1	85394900	46200
11941-35	Lamp D2 WAT LL 996/2996 PDA	1	85394900	41900
11941-26	Lamp D2 SHI LL SPD/AV/AVX HPLC	1	85394900	40500

Product code	Product Description	Qty	HSN Code	Price
Lamps				
11941-17	Lamp D2 DIO LL RSS VWD	1	85394900	47400
11941-20	Lamp D2 DIO/GYN LL PDA UVD	1	85394900	50400
11941-21	Lamp D2 INT PF HPLC	1	85394900	97900
11941-33	Lamp D2 VAR LL PRO 325/335 DAD	1	85394900	54300
11941-59	Lamp D2 LL JASCO V5XX/6XX/78XX	1	85394900	37000
11941-27	Lamp D2 SHI LL UV/BIOMINI SPEC	1	85394900	40900
11941-36	Lamp D2 WAT LL 2487 DUAL ABS	1	85394900	43600
11941-11	Lamp D2 AGI LL HPLC VWD	1	85394900	48600
11941-12	Lamp D2 AGI UV-VIS SPEC	1	85394900	64400
11941-14	Lamp D2 AGI LL DAD C/D SERIES	1	85394900	103000
11958-00	Lamp D2 LL Waters Acquity HB	1	85394900	80700
11941-15	Lamp D2 AGI LL DAD 8-PIN	1	85394900	48600
11941-13	Lamp D2 AGI LL DAD A/B Series	1	85394900	48600

Medias				
06479-00	Quechers EX EN T TSCD/DHS	50/Pk	85394900	36200
06478-42	Bulk Media SPE GRAPH CRBN	100 G	85394900	162000
06475-97	Sorbent Bulk C18	100 G	85394900	34400
06478-51	Bulk Media SPE NPOLR C18	100 G	85394900	38500
06479-81	Needle PP F/Manifold	24/Pk	85394900	5200
06471-58	Fittings 1/4-28M X 1/16"	10/Pk	85394900	3700
06475-57	Dry Load Cartridge ST 20G	20/Pk	85394900	17800
06478-65	QCHRS CLN AO PSA/C18 2mL	100/Pk	85394900	20300

Micro Centrifuge Tubes				
16398-71	Graduated MCT NS 0.5mL	1000/CS	39269099	8000
16398-72	Graduated MCT NS 1.7mL	10000/CS	39269099	11300
16398-73	Graduated MCT NS 2mL	500/CS	39269099	6000

Micro Volume Pipettors				
24501-01	Adjustable-Vol Pipettor Single 0.1-2.5µL	Each	90318000	7500
24501-02	Adjustable-Vol Pipettor Single 0.5-10µL	Each	84798999	7500
24501-03	Adjustable-Vol Pipettor Single 5-50µL	Each	90318000	7500
24501-05	Adjustable-Vol Pipettor Single 10-100µL	Each	90318000	7500
24501-07	Adjustable-Vol Pipettor Single 20-200µL	Each	90318000	7500
24501-08	Adjustable-Vol Pipettor Single 100-1KµL	Each	90318000	7500
24501-09	Adjustable-Vol Pipettor Single 500-5KµL	Each	90318000	7500
24501-10	Adjustable-Vol Pipettor Single 2K-10KµL	Each	90318000	7500
24501-17	Fixed-Vol Pipettor Single 5000µL	Each	84798999	5100
24501-20	Adjustable-Vol Pipettor 8 Channel 5-50µL	Each	90318000	45900
24501-21	Adjustable-Vol Pipettor 8 Channel 30-300µL	Each	90318000	84000

Microfiber Wipes				
15976-63	Microfiber Wiper 9"x 9"	1400/Cs	63071090	26400
15976-64	Microfiber Wiper 12"x 12"	1000/Cs	63079090	19100
15976-65	Microfiber Wiper 9"x 9" Gamma Sterilized	1400/Cs	48182000	42600
15976-66	Microfiber Wiper 12"x 12" Gamma Sterilized	1000/Cs	94032090	35500

Product code	Product Description	Qty	HSN Code	Price
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Nylon Membranes

15945-24	Nylon Membrane Filter 0.2μ 25 mm	100/Pk	84212190	1100
15945-25	Nylon Membrane Filter 0.45μ 25 mm	100/Pk	84212900	1100
15945-26	Nylon Membrane Filter 0.2μ 47 mm	100/Pk	84212190	1400
15945-27	Nylon Membrane Filter 0.45μ 47 mm	100/Pk	84212900	1500
15945-28	Nylon Membrane Filter 0.8μ 47 mm	100/Pk	84212900	2200
15945-29	Nylon Membrane Filter 0.2μ 142 mm	50/Pk	84212190	4000
15945-30	Nylon Membrane Filter 0.45μ 142 mm	50/Pk	84212190	4000
15945-31	Nylon Membrane Filter 0.8μ 142 mm	50/Pk	84212190	4200
15945-32	Nylon Membrane Filter 0.2μ 293 mm	50/Pk	84212900	8900
15945-33	Nylon Membrane Filter 0.45μ 293 mm	50/Pk	84212190	8900
15945-34	Nylon Membrane Filter 0.8μ 293 mm	50/Pk	84212190	9400
15945-35	Nylon Membrane Filter 1.2μ 293 mm	50/Pk	84212190	15300

Petri Dishes

16348-41	Petridish 90mm IW	500/Cs	39233090	5200
16348-42	Petridish 90mm, 10 Pack, 56 Sleeve	560/Cs	39233090	5500
16348-43	Petridish 90mm, 20 Pack, 28 Sleeve	560/Cs	39233090	8500
16348-44	Contact Plate 55mm IW	1080/Cs	39233090	11700
16348-45	Contact Plate 55mm, 10 Pack	1080/Cs	39233090	11200
16348-46	Contact Plate 55mm, Double wrapped	1080/Cs	39233090	11400
16348-47	Contact Plate 55mm, Lockable Lid, 10 pack	1080/Cs	39233090	21300

Pipette Controllers

25300-96	Omega Zen Pipette Controller Blue	Each	84798992	37000
25303-38	Omegazen Filter 0.2μM	10/Pk	90319000	1800
25303-39	Omegazen Filter 0.45μM	10/Pk	90319000	5000

Polycellulose Non Woven Wipes

16348-35	Polycell Wipes 9x9 NS	3000/Cs	56031200	9500
16348-36	Polycell Wipes 9x9 S	3000/Cs	56031200	28000
16348-37	Polycell Wipes 12x12 NS	3000/Cs	56031200	18000
16348-38	Polycell Wipes 12x12 S	3000/Cs	56031200	22600

Powered Air Respirators (PAPR)

16359-15	1 Set Include (blower (EVA1), Belt (EVABELT1), Battery (EVABAT1),	1 Set	90200000	154000
16359-17	Breathing Tube, Charger(EVASM), Airflow Indicator (PA1AFI), and Double-Bib Hood; Filter is not Included		90200000	154000
16359-16	PAPR Assemblies Include Blower (EVA1), Belt (EVABELT1),	1 Set	90200000	198000
16359-18	Battery (EVAHLBAT1), Breathing Tube (PAHBT), Charger (EVASM), Airflow Indicator (PA1AFI), and Double-Bib Hood; Filter is not Included.		90200000	198000
16359-20	Particulates	6 no/cs	84213990	43300
16359-21	Particulates, Organic Vapors, Chlorine, Hydrogen Chloride, Sulphur Dioxide, Chlorine Dioxide, and Hydrogen Fluoride	6 No/Cs	84213990	105000

Product code	Product Description	Qty	HSN Code	Price
Powered Air Respirators (PAPR)				
16359-22	Particulates, Ammonia, for Maldehyde, Methylamine, Chlorine, Hydrogen Chloride, Sulphur Dioxide, Chlorine Dioxide, and Hydrogen Fluoride	6 No/Cs	84213990	141000
16359-23	Bullard® 20TIC/ 20TICT Tychem® QC Hoods for EVA Respirator with Ratchet Suspension	10/cs	90200000	79700
16359-24	Bullard® RT3/ RT3T Tychem® QC Hoods for EVA Respirator without Ratchet Suspension, Wide Angle Lens	10/cs	90200000	78200
16359-27	Bullard® EVABELT1 Replacement Belt for EVA PAPR System	Each	39269091	15300
16359-28	Bullard® EVABAT1 Replacement Battery for EVA PAPR System	Each	85065000	65600
16359-29	Bullard® EVASMC Single Port Charger for EVA PAPR System	Each	85049090	43400
16359-30	Bullard® PA1AFI Air Flow Indicator for EVA PAPR System	Each	39269099	3900
16359-32	Bullard® PAHBT Replacement Breathing Tube for PAPR Respirator, Standard Length 26"	Each	39173300	7600
16359-33	Bullard® PAHBTXS Replacement Breathing Tube for PAPR Respirator, Extra Small	Each	39173300	7800
16359-34	Bullard® POLYBTC Clear Breathing Tube Cove	Each	39173300	44600
16359-35	Bullard® EVABELT2 Replacement Belt for EVA PAPR System, Close Cell	Each	39269091	15100

Pre Cleaned EPA Glassware

34800-08	CP Narrow Mouth Bottle RND 32OZ	12/Cs	7010900	12200
34800-22	CP Wide Mouth Bottle 30mL	24/Cs	7010900	10300
34800-28	CP Wide Mouth Bottle 250mL	24/Cs	7010900	9500
34800-32	CP Wide Mouth Bottle 1000mL	12/Cs	7010900	14000
34800-36	CP Wide Mouth Bottle 2500mL	12/Cs	7010900	38700
34800-48	CP Graduated Round Bottle, Clear Glass 16OZ	48/Cs	7010900	56500
34800-62	CP Straight Side Round Jar, Clear Glass 1000mL	12/Cs	7010900	12400
99540-21	CP Jar Clear 125mL WM	24/Cs	70179090	18700
99540-25	EPA Amber Glass Bottle WM	Cs	70179090	11500
99540-30	CP Bottle Amber 125mL NM	24/Cs	70179090	10200
99540-31	CP Bottle Amber 250mL NM	12/Cs	70179090	6200
99540-32	CP Bottle Amber 500mL NM	12/Cs	70179090	7100
99540-34	CP Jug Amber 2.5L NM	6/Cs	70179090	15500
99540-35	CP Jug Amber 4L NM	4/Cs	70179090	26500
99540-38	EPA Amber Glass Bottle NM 30mL	Cs	70179090	16200
99540-39	EPA Amber Glass Bottle NM 60mL	Cs	70179090	10900
99540-42	CP Jar Clear 250mL WM	12/Cs	70179090	8300
99540-44	CP Jar Clear 1000mL WM	12/Cs	70179090	13100
99540-53	CP Bottle Amber 250mL WM	12/Cs	70179090	6500
99540-57	CP Bottle Amber 1000mL WM	12/Cs	70179090	11600

Quilted Two Ply Wipes

16348-31	Qlt 2-Ply Wipes 9X9 NS	1000/Cs	48182000	13400
16348-32	Qlt 2-Ply Wipes 9X9 S	1000/Cs	63079090	18400
16348-33	Qlt 2-Ply Wipes 12X12 NS	1000/Cs	63079090	23300
16348-34	Qlt 2-Ply Wipes 12X12 S	1000/Cs	63079090	30200

Product code	Product Description	Qty	HSN Code	Price
Sampling Tools				
06286-03	316L Stainless Steel, 3 openings	1/Pk	73269091	99700
06286-04	316L Stainless Steel, 3 openings	1/Pk	73269091	119000
06286-05	316L Stainless Steel, 4 openings	1/Pk	73269091	190000
06286-06	316L Stainless Steel, 5 openings	1/Pk	73269091	250000
06286-07	316L Stainless Steel, 5 openings	1/Pk	73269091	294000
06286-08	Aluminium, 3 openings	1/Pk	73269091	51100
06286-09	Aluminium, 5 openings	1/Pk	73269091	58900
06286-10	Aluminium, 7 openings	1/Pk	73269091	63200
06286-11	Aluminium, 7 openings	1/Pk	73269091	71900
06286-12	Aluminium, 10 openings	1/Pk	73269091	89400
06286-19	HDPE, 3 openings	20/Pk	39269099	74800
06286-20	HDPE, 3 openings	20/Pk	39269099	111000
06286-21	HDPE, 1 openings	20/Pk	73269091	69000
06286-22	HDPE, 1 openings	20/Pk	73269091	86300
06286-41	Powder Lance, HDPE, 950mm Length, 200mL;	20/Pk	39269099	57000
06286-42	Powder Lance, Sterile, 950mm Length, HDPE, 200mL;	20/Pk	39269099	72200
06286-43	Powder Lance, HDPE, 400mm Length, 75mL;	20/Pk	39269099	37600
06286-44	Powder Lance, Sterile, HDPE, 400mm Length, 75mL;	20/Pk	39269099	46500
06286-45	Powder Lance, HDPE, 600mm Length, 125mL;	20/Pk	39269099	46400
06286-46	Powder Lance, Sterile, HDPE, 600mm Length, 125mL;	20/Pk	39269099	53400
06286-30	Powder Sample Collector, Sterile, HDPE, 500mm Length, 10mL;	20/Pk	39269099	60400
06286-31	Powder Sample Collector, Sterile, HDPE, 1000mm Length, 10mL;	20/Pk	39269099	79400
06286-32	Powder Sample Collector, Sterile, HDPE, 500mm Length, 20mL;	20/Pk	39269099	60400
06286-33	Powder Sample Collector, Sterile, HDPE, 1000mm Length, 20mL;	20/Pk	39269099	79400
06286-57	Liquid Sample Collector, HDPE, 500mm Length, 100mL;	20/Pk	39269099	48300
06286-58	Liquid Sample Collector, Sterile, HDPE, 500mm Length, 100mL;	20/Pk	39269099	57900
06286-59	Liquid Sample Collector, HDPE, 1000mm Length, 190mL;	20/Pk	39269099	60700
06286-60	Liquid Sample Collector, Sterile, HDPE, 1000mm Length, 190mL;	20/Pk	39269099	76500
06043-13	Viscous Sample Collector, HDPE, 1000mm Length, 190mL;	20/Pk	39269099	76200
06043-14	Viscous Sample Collector, Sterile, HDPE, 1000mm Length, 190mL;	20/Pk	39269099	95400
06043-11	Viscous Sample Collector, HDPE, 500mm Length, 100mL;	20/Pk	39269099	60900
06043-12	Viscous Sample Collector, Sterile, HDPE, 500mm Length, 100mL;	20/Pk	39269099	72400
06286-34	Ladle, Sterile, PP, 43mm dia, 100mL;	40/Pk	39269099	37400
06286-35	Ladle, Sterile, HDPE, 48mm dia, 50mL;	40/Pk	39269099	37400
06286-36	Ladle, Blue, Sterile, HDPE, 48mm dia, 50mL;	40/Pk	39269099	37400
06260-01	Sterile Lab Sampling Scoops, Polystyrene, 60 mL (2 oz); 100/CS	100/Pk	39269099	21000
06260-02	Sterile Lab Sampling Scoops, Polystyrene, 120 mL (4 oz); 100/CS	100/Pk	39269099	24500
06264-19	Powder Spatula, Sterile, PS, 230 mm Length;	100/Pk	39269099	37600
06264-24	Powder Spatula, Sterile, PS, 330 mm Length;	100/Pk	39269099	53400

Serological Pipette

13002-12	Pipette 1mL .01 GRD 500/CS IW	500/Cs	39269099	9200
13002-14	Pipette 1mL .1 GRD 500/CS IW	500/Cs	39269099	9200
13002-15	Pipette 2mL .01 GRD 500/CS IW	500/Cs	39269099	10300
13002-16	Pipette 5mL .1 GRD 200/CS IW	200/Cs	39269099	5500
13002-17	Pipette 10mL .1 GRD 200/CS IW	200/Cs	39269099	7000
13002-19	Pipette 25mL .2 GRD 150/CS IW	150/Cs	39269099	8100
13002-20	Pipette 50mL .5 GRD 100/CS IW	100/Cs	39269099	12900

Product code	Product Description	Qty	HSN Code	Price
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Serological Pipette

13002-24	Pipette 1mL .01 GRD 1000/CS BK	1000/Cs	39269099	16600
13002-26	Pipette 1mL .1 GRD 1000/CS BK	1000/Cs	39269099	15600
13002-28	Pipette 2mL .01 GRD 1000/CS BK	1000/Cs	39269099	21600
13002-30	Pipette 10mL .1 GRD 400/CS BK	400/Cs	39269099	13600
13002-36	Pipette 25mL .2 GRD 150/CS BK	150/Cs	39269099	9100
13002-37	Pipette 50mL .5 GRD 100/CS BK	100/Cs	39269099	8900

Single Ply Polyester Wipes

16377-80	Polyester Wipe 9X9 NS	1500/Cs	63071090	9300
16377-81	Polyester Wipe 9X9 S	1500/Cs	63071090	15000
16377-82	Polyester Wipe 12X12 NS	1500/Cs	63071090	12600
16377-83	Polyester Wipe 12X12 NS	1500/Cs	63071090	24000

Sterile Gridded Cellulose Nitrate Membranes

15945-38	Sterile Gridded Cellulose Nitrate Membrane; 0.2µm, 47mm;	100/Pk	84212900	2500
15945-39	Sterile Gridded Cellulose Nitrate Membrane; 0.45µm, 47mm;	100/Pk	84212900	2500

Sterile Latex Gloves

15977-01	12" S G Series Latex Gloves	1200/Cs	40151100	7400
15977-02	12" M G Series Latex Gloves	1200/Cs	40151100	7400
15977-03	12" L G Series Latex Gloves	1200/Cs	40151100	7400
15977-04	12" XL G Series Latex Gloves	1200/Cs	40151100	7400
15977-05	14" S G Series Latex Gloves	1200/Cs	40151100	9600
15977-06	14" M G Series Latex Gloves	1200/Cs	40151100	14000
15977-07	14" L G Series Latex Gloves	1200/Cs	40151100	15000
15977-08	14" XL G Series Latex Gloves	1200/Cs	40151100	9600
15977-09	16" S G Series Latex Gloves	400/Cs	40151100	7800
15977-10	16" M G Series Latex Gloves	400/Cs	40151100	7800
15977-11	16" L G Series Latex Gloves	400/Cs	40151100	7800
15977-12	16" XL G Series Latex Gloves	400/Cs	40151100	7800
15977-13	18" S G Series Latex Gloves	400/Cs	40151100	9200
15977-14	18" M G Series Latex Gloves	400/Cs	40151100	9200
15977-15	18" L G Series Latex Gloves	400/Cs	40151100	9200
15977-16	18" XL G Series Latex Gloves	400/Cs	40151100	9200
15977-20	12" S E Series Latex Gloves	1200/Cs	40151100	14700
15977-21	12" M E Series Latex Gloves	1200/Cs	40151100	14700
15977-22	12" L E Series Latex Gloves	1200/Cs	40151100	14700
15977-23	12" XL E Series Latex Gloves	1200/Cs	40151100	14700
15977-24	16" S E Series Latex Gloves	1200/Cs	40151100	7800
15977-25	16" M E Series Latex Gloves	1200/Cs	40151100	7800
15977-26	16" L E Series Latex Gloves	1200/Cs	40151100	7800
15977-27	16" XL E Series Latex Gloves	1200/Cs	40151100	7800
15977-28	14" S E Series Latex Gloves	400/Cs	40151100	19200
15977-29	14" M E Series Latex Gloves	400/Cs	40151100	19200
15977-30	14" L E Series Latex Gloves	400/Cs	40151100	19200
15977-31	14" XL E Series Latex Gloves	400/Cs	40151100	19200
15977-32	18" S E Series Latex Gloves	400/Cs	40151100	9200

Product code	Product Description	Qty	HSN Code	Price
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Sterile Latex Gloves

15977-33	18” M E Series Latex Gloves	400/Cs	40151100	9200
15977-34	18” L E Series Latex Gloves	400/Cs	40151100	9200
15977-35	18” XL E Series Latex Gloves	400/Cs	40151100	9400

Sterile PET Bottle

15977-17	Bottle PET Sterile 250 mL	100/Cs	39269099	22800
15977-18	Bottle PET Sterile 500 mL	100/Cs	39269099	27700
15977-19	Bottle PET Sterile 1 L 48/CS	100/Cs	39269099	22600

Sticky Mats

15972-41	Sticky Mat, Blue, 24” X 36”	10/Cs	39189010	10600
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Syringe Filters

15945-10	Nylon Syringe Filter 0.2µ 13mm	100/Pk	84212900	2400
15945-11	Nylon Syringe Filter 0.45µ 13mm	100/Pk	84212900	2400
15945-12	Nylon Syringe Filter 0.2µ 25mm	100/Pk	84212900	2400
15945-13	Nylon Syringe Filter 0.45µ 25mm	100/Pk	84212900	2400
15945-14	Nylon Syringe Filter 0.2µ 33mm	50/Pk	84212900	2400
15945-15	Nylon Syringe Filter 0.45µ 33mm	50/Pk	84212900	2400
15945-16	PVDF Syringe Filter 0.2µ 13mm	100/Pk	39121140	3200
15945-17	PVDF Syringe Filter 0.45µ 13mm	100/Pk	39121140	3200
15945-18	PVDF Syringe Filter 0.2µ 25mm	100/Pk	39121140	3700
15945-19	PVDF Syringe Filter 0.45µ 25mm	100/Pk	39121140	3700
15945-20	PVDF Syringe Filter 0.2µ 33mm	50/Pk	84212900	3600
15945-21	PVDF Syringe Filter 0.45µ 33mm	50/Pk	84212900	3600
15945-52	PES Syringe Filter 0.2µ 25mm	50/Pk	84212900	4400
15945-53	PES Syringe Filter 0.45µ 25mm	50/Pk	84212900	4400
15945-40	PTFE Syringe Filter 0.2µ 13mm	100/Pk	39121140	2900
15945-41	PTFE Syringe Filter 0.45µ 13mm	100/Pk	39121140	2900
15945-42	PTFE Syringe Filter 0.2µ 25mm	100/Pk	39121140	3700
15945-43	PTFE Syringe Filter 0.45µ 25mm	100/Pk	39121140	3500

ThintTouch Nitrile Gloves

15957-68	ThinTouch Nitrile BL 3.2 S	1000/Cs	40151900	3900
15957-69	ThinTouch Nitrile BL 3.2 M	1000/Cs	40151900	3900
15957-70	ThinTouch Nitrile BL 3.2 XL	1000/Cs	40151900	3900
15957-71	ThinTouch Nitrile BL 3.2 L	1000/Cs	40151900	3900

ThinTouchPROtect Nitrile Gloves

15972-23	ThinTouchPROtect 9.5”S	1000/Cs	40151900	8000
15972-24	ThinTouchPROtect 9.5”M	1000/Cs	40151900	8000
15972-25	ThinTouchPROtect 9.5”L	1000/Cs	40151900	7000
15972-26	ThinTouchPROtect 9.5”XL	1000/Cs	40151900	8000
15970-26	ThinTouchPROtect 12”S	500/Cs	40151900	12000
15970-27	ThinTouchPROtect 12”M	500/Cs	40151900	12000
15970-28	ThinTouchPROtect 12”L	500/Cs	40151900	10000
15970-29	ThinTouchPROtect 12” XL	500/Cs	40151900	5700
16358-41	ThinTouchPROtect 16”S	500/Cs	40151900	8700

Product code	Product Description	Qty	HSN Code	Price
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ThinTouchPROtect Nitrile Gloves

16358-42	ThinTouchPROtect 16”M	500/Cs	40151900	8700
16358-43	ThinTouchPROtect 16”L	500/Cs	40151900	8700
16358-44	ThinTouchPROtect 16” XL	500/Cs	40151900	8700

Transfer Pipette

16351-71	Pasteur Pipette 3mL Bulk	5000/Cs	39269099	6200
16351-73	Pasteur Pipette 3mL Bulk IW	5000/Cs	39269099	3000

Universal Graduated Tips

15970-94	Tips 200µL	20000/Cs	90319000	9000
15970-98	Tips 1000µL	10000/Cs	90319000	6500
15977-45	Tips Yellow 200µL	20000/Cs	90318000	9000
15977-46	Tips Blue 1000µL	10000/Cs	84799090	6500
15977-47	Tips 10µL S-LR Bulk	40000/Cs	90319000	46900
15977-48	Tips 10µL S RK	9600/Cs	90319000	30000
15977-49	Tips 10µL S FIL RK	9600/Cs	90319000	42300
15977-50	Tips 10µL S-LR Bulk	40000/Cs	90319000	46900
15977-52	Tips 10µL S FIL RK	9600/Cs	90319000	42300
15977-54	Tips 200µL S-LR RK	9600/Cs	90319000	30400
15977-55	Tips 200µL S FIL RK	9600/Cs	90319000	42700
15977-56	Tips 1000µL S-LR Bulk	10000/Cs	90319000	17200
15977-57	Tips 1000µL S-LR RK	5760/Cs	90319000	22300
15977-58	Tips 1000µL S FIL RK	5760/Cs	90319000	29700
15977-59	Tips 1250µL S FIL RK	5760/Cs	90319000	31900
15977-60	Tips 5mL Bulk	1000/Cs	90313000	12000
15977-61	Tips 10mL Bulk	1000/C	90313000	27900
15977-62	Empty RK 10µL Tips	100/Cs	39231090	15800
15977-63	Empty RK 200µL Tips	100/Cs	39231090	15800
15977-64	Empty RK 1000µL Tips	60/Cs	39231090	10500
15977-65	Empty RK 1250µL Tips	60/Cs	84799090	11800
15977-66	Tips 200µL IW	2000/Cs	90319000	9000
15977-67	Tips 1000µL IW	1000/Cs	90319000	6100
15977-68	Pipettor Stand	Each	90319000	2900
16350-02	Tips 10µL RK S-LR	960/Pk	90319000	2900
16350-03	Tips 10µL RK FLTR S	960/Pk	90319000	4200
16350-04	Tips 10µL RK FLTR S-LR	960/Pk	84799090	4400
16350-05	Tips 10µL Narrow 20µL	960/Pk	84799090	2400
16350-07	Tips 10µL Narrow 20µL S LR RK	960/Pk	84799090	2900
16350-08	Tips 10µL Narrow 20µL S RK FTR	960/Pk	90319000	41000
16350-09	Tips 10µL Narrow 20µL S LR RK FTR	960/PK	84799090	4400
16350-10	Tips 200µL RK	960/Pk	84799090	2400
16350-12	Tips 200µL RK S LR	960/Pk	90319000	2900
16350-13	Tips 200µL RK S FTR	960/Pk	90319000	4100
16350-14	Tips 200µL RK S LR FTR	960/Pk	90319000	4400
16350-17	Tips 1000µL RK S LR	576/Pk	90319000	2200
16350-18	Tips 1000µL RK S FLTR	576/Pk	90319000	2800
16350-19	Tips 1000µL RK S FLTR LR	576/Pk	90319000	3200
16350-23	Tips 1250µL RK S FLTR	576/Pk	90319000	3100

Product code	Product Description	Qty	HSN Code	Price
Vacuum Dessicators				
08909-16	Scienceware F42400-4001 Vacuum Desiccator Cabinet, 11L	Each	90328990	393000
08909-17	Scienceware F42400-4101 UV Blocking Vacuum Desiccator Cabinet, 11L	Each	90328990	427000
08909-18	Scienceware F42400-4021 Vacuum Desiccator Cabinet, 23L	Each	90328990	491000
08909-19	Scienceware F42400-4121 UV Blocking Vacuum Desiccator Cabinet, 23L	Each	90328990	527000
08909-21	Scienceware F42400-4011 Vacuum Desiccator Cabinet, 35L	Each	90328990	602000
08909-22	Scienceware F42400-4111 UV Blocking Vacuum Desiccator Cabinet, 35L	Each	90328990	671000
08909-23	Scienceware F42400-4031 Vacuum Desiccator Cabinet, 45L	Each	90328990	747000
08909-24	Scienceware F42400-4131 UV Blocking Vacuum Desiccator Cabinet, 45L	Each	90328990	859000

Vaplock

00444DT	Waste Container Justrite 5-gal	1	90272090	132000
00444DU	Waste Container Justrite 2-gal	1	90272090	141000
00342FZ	Bonding Wire Alligator Clips	1	90272090	10100
NC30436-2G	Custom Waste Handling Kit 2 Gallon	1	90272090	198000
NC30436	Custom Waste Handling Kit 5 Gallon	1	90272090	191000
12020-67	Solvent Collection system 70mm PP Manifold 20L	1	90272090	59500
12020-68	Solvent Collection system 70mm PTFE Manifold 20L	1	90272090	72700
12020-69	Solvent Collection system JRQD PP Manifold 20L	1	90272090	183000
12020-70	Solvent Collection system JRQD PTFE Manifold 20L	1	90272090	325000
12019-52	Solvkit PP JRPP 10PORT	1	90272090	44900
12019-65	Solvkit PP 2INF 10PORT	1	90272090	98000
12019-81	Exhaust Filter 75G 1/4NPTF	5 Pk	90272090	33000
12019-79	Exhaust Filter 75G 1/4NPTF	1	90272090	6200
12019-82	Indicator Breakthrough	1	90272090	6900
12019-89	Vaplock Filter Adaptor 90EL 1/2X1/4NPT	1	90272090	1200
12019-80	Vaplock Exhaust Filter with Indicator 75G 1/4NPTF	1	90272090	9900

Vials

16349-04	Amber Crimp Vial 1.5mL	1200/Cs	70172000	4500
16349-36	BL CAP W/PR-SLT Septa	100/Pk	70172000	490
16349-37	EPA TOC Vials Clear	100/Pk	70172000	3300
16349-01	Amber Screw Vial 2mL	1200/Cs	70172000	4500
16349-03	Amber Crimp Vial 1.5mL	100/Pk	70172000	370
16349-26	SN PE CAP W/WH Septa	100/Pk	70172000	450
16349-05	Amber Screw Vial 2mL	100/Pk	70172000	370
16349-07	Clear Crimp Vial 1.5mL	100/Pk	70172000	1000
16349-02	Clear Screw Vial 2mL	1200/Cs	70172000	4000
16349-27	SN Cap pre-slit Septa	10000/Cs	70172000	49400
16349-09	BL Cap W/Non B-SL Septa	10000/Pk	70172000	57000
16349-12	BL Cap W/Non B-SL Septa	100/Pk	70172000	350
16349-28	SN Cap pre-slit Septa	100/Pk	70172000	490
NC31196	Silver, 11mm Open Top, Crimp Cap, Red-Orange Septa 1mm	100/Pk	70172000	2000
NC31242	Blue 9-425 Opn Top Ribbed Screw Cap Bonded, 9mm Red PTFE/White	100/Pk	70172000	800
NC31207	20mm, Opn Top Alu Crimp Cap (10mmHole), Natural PTFE/Wht,100pcs/CS	100/Pk	70172000	1200
NC31141	Bonded pre-slit caps septa	100/Pk	70172000	750
NC40936	9mm Amber Glass Screw Type Vials Write On	100/Pk	70170000	280
NC40935	9mm Clear Glass Screw Type Vials Write On	100/Pk	70172000	250



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and Soil Testing Solutions**

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Rely on Us for Scalable Electrochemistry Solutions

When you need to perform critical water testing, look to us for an extensive selection of electrochemical meters, controllers, probes, electrodes, test kits, buffers, and standards. Our field and laboratory instrumentation include water analysis instruments for dissolved oxygen, temperature, pH, conductivity, salinity, and turbidity.



CATEGORIES

POCKET TESTERS

PORTABLE METERS

TURBIDITY METERS

550/700 SERIES BENCHTOP
METERS

1500/2000 SERIES
BENCHTOP METERS

ELECTRODES

BUFFERS

Environmental Express

Pocket Testers

Bring the performance of your lab instruments into the field.

- High $\pm 0.1 / 0.01$ pH accuracy—suitable for most ASTM and EPA test procedures
- Clog-resistant, double-junction pH electrode sensor is dependable and long-lasting
- Automatic temperature compensation
- Leakproof, stabilizing cap



Portable Meters

pH | Conductivity | pH Conductivity | Ion | Multiparameter | Dissolved Oxygen | Turbidity Meters

Advanced digital processing technology improves meter stability for dependable accuracy. Auto-cal, Auto-ranging, Auto-buffer recognition, ATC, resolution 0.01/0.001. Waterproof, dust-resistant IP57 rating, low-battery status, and auto power-off. Ideal for Education, Environmental, Chemical, Food Science, and more.

EE 100 Series Portable Meters

- Various configurations to measures pH, mv, ORP, conductivity, TDS, salinity, temperature, ion concentration, dissolved oxygen
- Waterproof, dust-resistant IP57 rating, low-battery status, and auto power-off

EE 200 Series Portable Meters

- Various configurations to measures pH/mV, pH/Con, Con/TDS/Salt, DO, PD versions
- GLP compliant, time & date stamp (260 models)
- 500 data point memory/1,000 data points, download via USB (250/260 models)

EE Oakton 300 Series Meters

- Available in single, double or triple channel configurations
- Smart sensors for pH, EC, DO, ORP
- 10000 data point memory, GLP compliant with time & date stamp, data download via USB



Portable Turbidity Meters

Easily measure water sample turbidity in the field or on the bench.

- Seamless method compliance for EPA, ISO, and other global regulatory standards
- Rugged, portable design adapts to use in the field or in the laboratory
- Battery operated and IP67-rated housing.
- Available in white light/IR



Environmental Express

Benchtop Meters

Benchtop 550 Meter Series

- Economical meter for benchtop pH, conductivity measurement
- Automatically recognizes calibration solutions, 3-point calibration
- Data logging allows you to store and recall up to 50 datapoints
- IP54-rated housing is dust- and spill-proof

Benchtop 700 Meter Series

- Economical meter for benchtop pH, conductivity, Ion, DO measurement
- Automatically recognizes calibration solutions, 5-point calibration
- Store up to 100 data sets in the meter's memory for retrieval later



Environmental Express 1500/2000 Series Benchtops

Our multiparameter benchtops include functionality to meet the highly specific and/or broad ranging needs of wastewater, drinking water, food and beverage, chemical and pharmaceutical testing labs.

- Various configurations available to meet the demands of measuring pH/mV, EC, Ion, PC, PD, DO, and BOD parameters
- Large display and small footprint—ideal for labs with limited bench space
- Automatic functions like buffer recognition and auto calibration for ease of use at any skill level
- Available as a kit so you are ready to calibrate and measure right out of the box!
- Audit trail and regulatory compliance functions (2000 series only)
- ISE electrodes can be purchased separately



Our Service Support



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Buy-Back Program

Contact us today at +1.800.266.1244 to speak to a technical expert

Environmental Express

Electrodes

Epoxy-Body and Glass Body

Single Junction | Double Junction | Microelectrodes | Semi-micro electrodes | High Precision | Combination Electrodes | All in one Electrodes | Ion Selective Electrodes

Epoxy-Body Combination pH and ORP Electrodes

- Impact resistant—epoxy-body housing for added strength
- Ideal for your general-purpose applications in the lab or field
- Compatible with BNC connection.
- Ideal for prolonged pH or ORP readings.
- Electrodes with PTFE reference-junction offer extended electrode life.
- Electrodes have Ag/AgCl reference cells.

Glass-Body Combination pH and ORP Electrodes

- More durable—dome bulb for better protection from breakage
- Withstand higher temperatures and chemical attack
- Get more stability in low-ionic strength solutions
- Resistant to Na⁺ ion interferences
- Compatible with BNC connection.

Note: Available as refillable or sealed design for single, double, and annular Ag/AgCl junctions. Single junction is ideal for clean samples; double junction is compatible with sulfate, Tris, and proteins; and annular junction is ideal for dirty samples.

Use and Care of Electrodes

- **Handling**—Rinse between samples with distilled or deionized water only and gently blot (never wipe) dry with a lab wipe. Cole-Parmer® Epoxy-Body Combination pH and ORP Electrodes
- **Refillable Electrodes**—When adding filling solution, fill up to, but not past, the refill hole. When measuring, leave the refill hole open for proper flow through the reference junction.
- **Calibration**—Using NIST-traceable pH buffers will align the two half cells of the electrode and pH meter. It is important to use fresh buffer. Use pH 7 (for offset) and at least one other buffer (for slope) to frame the pH range of your samples.
- **Storage**—Always keep your pH electrode moist by storing it in 4 M KCL solution. If 4 M KCl is not available, use a pH 4 or 7 buffer solution. (Note: Do not store electrode in distilled or deionized water.) After storage, if you notice white KCl crystals forming outside your electrode, simply rinse the electrode and blot dry with a lab wipe before use.
- **Protective Bottle**—Electrodes are shipped with protective bottle over the glass bulb. Remove the bottle by unscrewing the cap before using your electrode. For long-term just fill the bottle with enough 4M KCL solution to cover the glass bulb and replenish as needed to keep the bulb moist.



Environmental Express

Buffers

Oakton® pH Buffer Pouches

Keep your accuracy even on the go!

- Single-use pouch—just tear, dip, calibrate
- Standardized to NIST-traceable pH references
- Sold in pack of 20 pouches

Oakton® pH Buffer Pack

Maintain accuracy and your budget

- Save money by purchasing buffer pack—includes 500 mL bottle of pH 4, 7, and 10
- NIST-traceable buffers

Oakton® Traceable® pH Buffers

- Calibrated by ISO Guide 34 and ISO 17025 accredited laboratory— includes NIST-traceable certificate
- 100% compatible with all makes of pH meters and all accreditation analysis requirements
- Easy calibrations—include instructions and temperature compensation chart

Conductivity Calibration Pouches

Calibrate on the go!

- Single-use pouches for easy calibrations
- Quick-reference conversion table printed on each pack
- Sold in packs of 20

Oakton® Calibration Solutions

Save money while calibrating

- KCl, NaCl, and 442 conversions printed right on the bottle
- Temperature corrections at hand—printed right on the bottle

Oakton® Traceable® Conductivity Solutions

NIST-Traceable Reference Materials

Trust your standards—high accuracy

Up to $\pm 0.25\%$ accuracy verified by an ISO Guide 34 and ISO 17025 accredited lab.

- Batch-Tested Bottles, 500 mL
- Individually Tested Bottles, 500 mL
- One-Shot® Vials, pack of six 100 mL vials



Environmental Monitoring Meters

Ensuring Environmental Safety and Sustainability

Broad range of test and measurement devices for various applications. Precision meters for humidity, moisture, light, airflow, weather.



CATEGORIES
REFRACTOMETERS
COLORIMETERS
LIGHT METERS
RADIATION METER
HYDROMETER
BAROMETER
MOISTURE METER

Environmental Monitoring Meters

Handheld Analog & Digital Refractometers

Quick and easy operation with reliable measurements.

- Convenient, compact design fits in pocket or palm of hand
- Easy and immediate calibration via zero adjustment for precise results all the time
- No more worrying about temperature fluctuations on models with built-in automatic temperature compensation



Colorimeters

Easily measure water samples in the field or on the bench with confidence.

- Preprogrammed testing ranges easily accessed for quick measurement
- One-time zero function for water sample saves you time
- Automatically stores the last 16 readings with time-and-date stamp
- Rugged, waterproof IP68-rated design



NIST Calibrated Light Meters

Ensure safety and regulatory compliance and increase system efficiencies with precision measurement accuracy.

- Select from daylight, tungsten, fluorescent, or mercury light sources
- Connect to PC for data acquisition with optional software
- Options include datalogging and RS-232 interface.
- Rugged, waterproof IP68-rated design



Digital Radiation Meter

Large sensor for added sensitivity and increased range.

- Sensitive to low levels of alpha, beta, gamma, and x-rays to keep you safe
- Backlit display allows you to see readings, even in low-light conditions
- Red light flashes, and alert beeps with each count detected
- Download data, set alarms, and calibrate with free software



Environmental Monitoring Meters

Hydrometers

Measure the density/specific gravity of liquids. Hydrometers are calibrated for different uses. It is specifically used for measuring low-density liquids.

- Temperature standard is 60°F (15.6°C)
- Plain form hydrometers are individually serialized for easy identification
- Ensure accuracy with multi-language statement of
- Accuracy supplied by manufacturer
- All hydrometers are 100% nonmercury
- API glass hydrometer, Alcohol glass hydrometer, Salometer



Calibrated Digital Barometers

Ideal for monitoring environmental conditions in plants and labs.

- Includes NIST-Traceable certificate from our A2LA accredited (1750.01) calibration laboratory
- Measure barometric pressure, temperature, and relative humidity with all-in-one meter
- View current barometric pressure trends in bar graph format for the past 1 to 24 hours
- Easily view Min/Max for all parameters and set high and low alarm set points



NIST calibrated Moisture Meters

We have a selection of handheld moisture meters that detect moisture in not only wood, but also in many other types of non-wood and drywall materials.

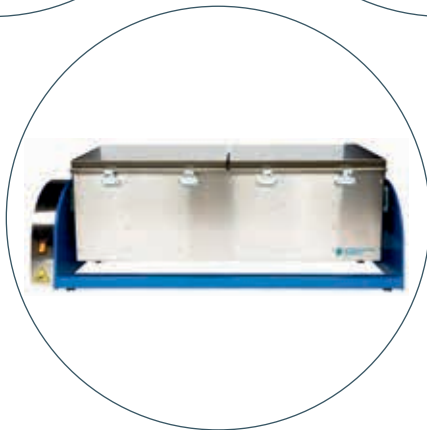
- Analog and Digital moisture meters
- Rugged pocket-sized/handheld meter with one-handed operation
- Measure the moisture level in wood products (sawn timber, cardboard, and paper) and hardened materials (plaster, concrete, and mortar).



Analytical Equipments

Enhancing sample preparation, elevating results

Broad range of testing equipments for various applications - Metal Analysis, Digestion, Distillation, viscosity measurement, toxicity test.



CATEGORIES

METAL DIGESTION
HOT BLOCKS

DIGESTION AND
TRANSPORT TUBES

TKN & TOTAL
PHOSPHOROUS

GELATION TIMERS

TCLP

Analytical Equipments

HotBlock Digestion System

Simplify and Improve Metals Prep in Your Laboratory;

Robust, intuitive, and chemical and corrosion resistant EPA-systems that simplifies and improves metal preparation and digestion. Kydex® housing is fire-resistant and acid-resistant.

PTFE coated graphite block provides uniform heating. Metal-free construction eliminates contamination source. Various well sizes: 15mL, 50mL, 100mL.

HotBlock 150

- Max temp is 150°C
- Power switch and controller mounted on unit
- Manually increase or decrease temp

HotBlock 200

- Max temp is 200°C. Ramp and soak features
- Power switch on unit, external controller
- Control one or two blocks independently



Digestion and Transport tubes

Sampling and extraction of trace metals supporting all method requirements Eco transfer tube, Certi-tube, Ulti-tube, Flipmate, FilterMate.

- Certified for multiple levels of metals background meeting all international regulatory requirements for metals analysis, i.e. EPA, ASTM, NIOSH
- Disposable tubes eliminate the need for glassware and associated cleanup
- Acid washing is not required prior to use
- Accessories available for use as reflux, filtration or storage purposes



TKN & Total Phosphorous

Complete solutions for wastewater labs performing routine digestion and distillation.

Digestion

- Multi-position blocks increase laboratory sample capacity and are designed to withstand corrosive reagents
- Easy to set up and run without transferring glassware between digestion and distillation reducing risk of technician error and/or inaccurate results

Distillation

- Simple distillation and sample capture without the need for complicated glassware or cooling setups
- Single-use micro distillation options that use limited volumes and reduce workloads by reducing extraction times



Analytical Equipments

Digital Gelation Timers

Measure the gelation time of adhesives and resins for quality control

- Automatically stops when gelation occurs
- Audible and visual alarms alert you at the gelation point
- Simple-to-use push buttons with large LED display
- Stainless steel plungers remove for easy cleaning



Toxicity Characteristic Leaching Procedure (EPA Method 1311)

Determines whether there are hazardous elements present in a waste.

- **Rotator** : Rotates at 30 ± 2 RPM – 12 place box style unit
- **ZHE** : Large capacity 560 ml, durable 316 stainless steel assembly
- **MaxFil pressure filtration device** : 2200 ml capacity, PTFE coated to ensure no leaching of metals
- **TCLP Filters**: Binder-free borosilicate glass fiber with pore size of 0.7 micron. Available as Standard and Acid washed TCLP filters
- **TCLP Bottles**: Glass for semi-volatile samples, plastic for metals
- EE offers custom pads to cushion while in rotator



Our Technical Experts Have the Answer!

Whether you need help choosing the right product for your application, or are looking to troubleshoot an existing issue, we can help. Our team offers expertise in a number of scientific and industrial disciplines.

Contact us today at +1.800.266.1244 to speak to a technical expert

Electric Fusion Fluxer for XRF and ICP

Versatile, Compact & Safe

Built with the most demanding lab in mind, the Katanax Fusion Fluxer is the next generation in electric fusion offering enhanced features for unparalleled results. It is used to prepare glass disks (beads) for XRF analysis and solutions for ICP/AA analysis or for preparing peroxide and pyrosulfate fusions. The unit allows you to run up to one/two/three or six samples at the same time.

The Katanax X-100/300/600 Fusion Fluxer is an electric fusion fluxer available with one, two or three positions or six position. Versatile and easily adaptable to the needs of today's modern laboratories.

The X-300 and X-600 fusion fluxers streamline high-throughput sample preparation for XRF and peroxide/pyrosulfate fusions.



- **Throughput:** X-300 handles 3 samples at once (up to 15 per hour), while X-600 doubles capacity to 30 per hour
- **Expandable:** Configurable with up to 6 sample positions
- **Safety:** Electric operation eliminates gas risk
- **Accuracy:** Precise electric temperature control ensures reproducibility
- **Reliability:** Durable with ceramic holders, robust heating elements, and industrial-grade components
- **Ease of Use:** LCD touchscreen and pre-loaded fusion programs simplify operation. Programs can be customized, saved, or deleted

Lithium Borate Fluxes

Versatile fluxes to support fusion applications

Environmental Express Katanax provides a full range of high-quality, high-purity fusion fluxes for use with our top-of-the-line fluxer. Available in multiple forms and grades to support any sample preparation need.

- **Outstanding Purity:** Manufactured in a cleanroom to prevent contamination, using the highest purity raw materials with impurities less than 0.05%. Available in pure (99.99%) and ultra-pure (99.998%+) grades
- **Pre-fused:** Fully homogeneous, ensuring identical composition across all particles
- **Non-wetting Agent:** Lithium bromide (LiBr) or iodide (LiI) can be pre-fused, reducing weighing time and improving analytical accuracy
- **Micro-bead Form:** Spherical particles reduce water absorption, eliminate dust-related errors, and prevent crucible overflows due to high density
- **Granular Form:** Enhances mixing, prevents layer segregation, maintains uniformity to avoid phase-shift issues, and has high density to prevent overflow
- **Custom Blends:** Tailored to specific sample needs with precise additive mixing (e.g., 4% LiNO₃)
- **Pre-weighed Sachets:** Save time, reduce errors, and improve precision (accurate to ± 1 mg); available for all blends, including custom

Product code	Product Description	Qty	HSN Code	Price
Barometer				
03316-70	Cole-Parmer Temperature Compensated Barometer, 930 to 1070 mbar, 27.5 to 31.6" Hg	1	90258015	80200
98766-87	Digi-Sense Environmental Meter; Wind Speed, Humidity, Temperature, and Light Meter	1	90258090	36700
68000-49	Traceable Calibrated Digital Barometer	1	90258015	43600
68000-48	Traceable Calibrated Digital Handheld Environmental Monitor with Stopwatch		90258015	62400

Benchtop Meters

35419-35	Oakton CON 550 Benchtop Conductivity Meter Kit	1	90278090	69500
35419-10	Oakton pH 700 Benchtop Meter with Probes and Stand	1	90278090	59500
35411-00	Oakton EC 700 Benchtop Meter with Probe and Stand	1	90278090	76000
35413-00	Oakton PC700 Meter w/pH electrode, conductivity/temp probe, and electrode stand	1	90278090	151000
35419-22	Oakton pH/Ion 700 Ion 700 Benchtop Meter with electrode stand	1	90278090	67400
35415-00	Oakton DO 700 Benchtop Dissolved Oxygen Meter Kit	1	90278090	96200
35419-41	Environmental Express 1500 pH Benchtop Meter with Electrode Stand	1	90278031	67700
35419-40	Environmental Express 1500 pH Benchtop Meter Kit	1	90278031	77500
35419-45	Environmental Express 1500 EC Benchtop Meter Kit	1	90278031	96800
35419-46	Environmental Express 1500 EC Benchtop Meter with Electrode Stand	1	90278031	84600
35419-51	Environmental Express 1500 PC Benchtop Meter with Electrode Stand	1	90278031	118000
35419-50	Environmental Express 1500 PC Benchtop Meter Kit	1	90278031	155000
35419-54	Environmental Express pH 2000 Benchtop Meter Kit	1	90278031	108000
35419-55	Environmental Express pH 2000 Benchtop Meter with Electrode Stand	1	90278031	115000
35419-60	Environmental Express EC 2000 Benchtop Meter Kit	1	90278031	149000
35419-62	Environmental Express EC 2000 Benchtop Meter with Electrode Stand	1	90278031	128000
35419-65	Environmental Express PC 2000 Benchtop Meter Kit	1	90278031	203000
35419-67	Environmental Express PC 2000 Benchtop Meter with Electrode Stand	1	90278031	166000
35419-70	Environmental Express Ion 2000 Benchtop Meter Kit	1	90278031	164000
35419-72	Environmental Express Ion 2000 Benchtop Meter with Electrode Stand	1	90278031	143000
35419-74	Environmental Express DO 2000 Benchtop Meter Kit	1	90278031	262000
35419-76	Environmental Express DO 2000 Benchtop Meter with Electrode Stand	1	90278031	155000
35419-78	Environmental Express PD 2000 Benchtop Meter Kit	1	90278031	313000
35419-80	Environmental Express PD 2000 Benchtop Meter with Electrode Stand	1	90278031	186000

Buffers & Calibration Solutions

00654-01	Oakton Buffer Solution, pH 1.68;	500 mL	38220000	2200
00654-00	Oakton Buffer Solution, pH 4.01;	500 mL	38221990	1400
00654-03	Oakton Buffer Solution, pH 6.86;	500 mL	38221990	1300
00654-04	Oakton Buffer Solution, pH 7.00;	500 mL	38221990	1400
00654-07	Oakton Buffer Solution, pH 9.18;	500 mL	38221990	1500
00654-08	Oakton Buffer Solution, pH 10.01;	500 mL	38220000	1400
00654-12	Oakton Buffer Solution, pH 12.46;	500 mL	38220019	1300
05942-10	Oakton Buffer Pack; 500 mL of each pH 4.01, 7.00, and 10.01	500 mL	38220000	5100
00651-10	Oakton Traceable® pH Standard Buffer with Calibration, Blue, pH 10;	500 mL	38220019	9300
00651-00	Oakton Traceable® pH Standard Buffer with Calibration, Clear, pH 4;	500 mL	38220019	6600
00651-02	Oakton Traceable® pH Standard Buffer with Calibration, Clear, pH 7;	500 mL	38220019	6500
00651-04	Oakton Traceable® pH Standard Buffer with Calibration, Clear, pH 10;	500 mL	38220019	6600
35653-01	Oakton pH Calibration Buffer Pouches, pH 4.01;	20/Pk	38220019	11100

Product code	Product Description	Qty	HSN Code	Price
Buffers & Calibration Solutions				
35653-02	Oakton pH Calibration Buffer Pouches, pH 7.00;	20/Pk	38220019	1100
35653-03	Oakton pH Calibration Buffer Pouches, pH 10.00;	20/Pk	38220019	1100
35653-09	Oakton Conductivity Calibration Pouches, 10 µS;	20/Pk	38229000	16800
35653-11	Oakton Conductivity Calibration Pouches, 1413µS;	20/Pk	38220019	11800
35653-14	Oakton Conductivity Calibration Pouches, 12.88 mS;	20/Pk	38220019	11800
00652-30	Oakton Traceable® Conductivity and TDS Standard, Batch-Tested, 1413 µS;	500 mL	28273990	4900
00652-32	Oakton Traceable® Conductivity and TDS Standard, Batch-Tested, 10,000 µS;	500 mL	38220019	5100
00652-34	Oakton Traceable® Conductivity and TDS Standard, Batch-Tested, 100,000 µS;	500 mL	38220000	5100
00652-26	Oakton Traceable® Conductivity and TDS Standard, Batch-Tested, 100 µS;	500 mL	38220000	4700
00653-23	Oakton Conductivity and TDS Standard, 23 µS;	500 mL	28273990	6000
00653-16	Oakton Conductivity and TDS Standard, 84 µS;	500 mL	28273990	2500
00653-47	Oakton Conductivity and TDS Standard, 447 µS;	500 mL	28273990	2500
00653-18	Oakton Conductivity and TDS Standard, 1413 µS;	500 mL	38221990	5000
00653-15	Oakton Conductivity and TDS Standard, 1500 µS;	500 mL	28273990	1400
00653-27	Oakton Conductivity and TDS Standard, 2070 µS;	500 mL	28273990	2300
00653-20	Oakton Conductivity and TDS Standard, 2764 µS;	500 mL	28273990	1900
00653-89	Oakton Conductivity and TDS Standard, 8974 µS;	500 mL	28273990	4000
00606-10	Oakton Conductivity and TDS Standard, 12,880 µS;	500 mL	38220000	6000
00653-50	Oakton Conductivity and TDS Standard, 15,000 µS;	500 mL	28273990	2300
00653-32	Oakton Conductivity and TDS Standard, 80 mS;	500 mL	28273990	2300
00653-38	Oakton Conductivity and TDS Standard, 111,900 µS; 5 x 60 mL Bottles/Pk	1	38220000	16400
00653-14	Oakton Buffer Pack; 60 mL of each pH 1.68, 4.01, 7.00, 10.01, and 12.46	1	38229090	51000
00653-00	Oakton Zero Oxygen Calibration Solution, 500 mL	1	38220000	6000
00653-06	Oakton Electrode Cleaning Solution; 500 mL	1	38221990	4400
00653-04	Oakton Electrode Storage Solution; 500 mL	1	38221990	3500
05992-47	Oakton Electrode Fill Solution, 3.8M KCL, 125 ml	2/Pk	38220000	13800
05992-48	Oakton Fill Solution 4.0M KCL	2/Pk	38220000	5300
27502-53	Cole-Parmer Ammonium (NH4+) ISE Double junction solution kits	1*	38221990	19900
27502-55	Cole-Parmer Bromide (Br-) ISE Double junction solution kits	1*	38220019	19900
27502-57	Cole-Parmer Cadmium (Cd+2) ISE Double junction solution kits	1*	38220019	11600
27502-59	Cole-Parmer Calcium (Ca+2) ISE Double junction solution kits	1*	38220019	19900
27502-63	Cole-Parmer Chloride (Cl-) ISE Double junction solution kits	1*	38221990	19900
27502-65	Cole-Parmer Copper (Cu+2) ISE Double junction solution kits	1*	38220019	19900
27502-69	Cole-Parmer Fluoride (F-) ISE Double junction solution kits	1*	38220019	19900
27502-73	Cole-Parmer Iodide (I-) ISE Double junction solution kits	1*	38229090	22700
27502-79	Cole-Parmer Nitrate (NO3-) ISE Double junction solution kits	1*	38229090	22700
27502-85	Cole-Parmer Perchlorate (ClO4-) ISE Double junction solution kits	1*	38229090	22700
27502-89	Cole-Parmer Potassium (K+) ISE Double junction solution kits	1*	38229090	22700
27502-91	Cole-Parmer Silver/Sulfide ISE Double junction solution kits	1*	38229090	22700
27502-93	Cole-Parmer Sodium (Na+) ISE Double junction solution kits	1*	38229090	22700
27502-99	Cole-Parmer Water hardness (Ca2+/Mg+) ISE Double junction Solutions Kit	1*	38229090	22700
27503-09	Cole-Parmer Standard Chloride 1000PPM	1*	38220019	14000
35803-24	Cole-Parmer Nitrate (NO3-) ISE Calibration Solution	1*	38220019	8900

*60 mL bottle of fill solution, a 475 mL bottle of standard, and a 475 mL bottle of ISA

Product code	Product Description	Qty	HSN Code	Price
Buffers & Calibration Solutions				
27503-53	Cole-Parmer Replacement ionic strength adjustors, 5 M NaCl	475 mL	38229090	9400
27503-51	Cole-Parmer Replacement ionic strength adjustors, 5 M NaNO3	475 mL	38229090	9400
27503-58	Cole-Parmer Replacement ionic strength adjustor, TISAB I, 1 gallon	475 mL	38229090	18100
27503-60	Cole-Parmer Replacement ionic strength adjustor, 2M (NH4)2SO4;	475 mL	38229090	9400
27503-54	Cole-Parmer Replacement ionic strength adjustor, 4M NH4Cl with 4M NH4OH;	475 mL	38229090	9400
35635-52	Oakton Replacement Turbidity Calibration Solution Kit; 0.02, 20, 100, and 800 NTU Standards (one each of 60-mL HPDE bottle of four NTU standards)		38229090	179000
35635-20	Oakton Replacement Turbidity Calibration Solution Kit for White Light Instrument Calibrations		90275030	45100

COD Vials

35200-02	Environmental Express COD Tubes, 0 to 150ppm, EPA;	100/Pk	38220000	43700
35200-03	Environmental Express COD Tubes, 0 to 1500ppm, EPA;	100/Pk	38220000	43600
35200-04	Environmental Express COD Tubes, 0 to 15000ppm,	98/Pk	38221990	42600
35200-08	Environmental Express COD Tubes, 0 to 150ppm,	100/Pk	38221990	43200
35200-09	Environmental Express COD Tubes, 0 to 1500ppm;	100/Pk	38221990	43700
35200-10	Environmental Express COD Tubes, 0 to 15000ppm;	98/Pk	38220000	39400

Colorimeter

99561-78	Environmental Express Model 200 Chlorine Colorimeter	1	90275090	135000
99561-84	Environmental Express Model 200 COD Colorimeter	1	90275090	156000
99565-08	LaMotte SMART 3 1910 Multiwavelength Colorimeter, 100 to 240 V	1	90275040	253000
99562-12	LaMotte DC-1500 Single Test Colorimeter Kit, Chlorine Free and Total Liquid form	1	90275040	174000
99562-18	LaMotte DC-1500 Single Test Colorimeter Kit, Copper	1	90275040	205000
99562-22	LaMotte DC-1500 Single Test Colorimeter Kit, Phosphate	1	90275040	221000

Digestion tubes

53201-01	Environmental Express Digestion Tubes, Natural Screw-Top Caps, PP, 15 mL;	1000/Pk	39233090	64300
53202-02	Environmental Express Digestion Tube, PFA with PFA Cap, 50 mL	1	39233090	31800
53203-03	Environmental Express CertiTube™, Digestion Tubes without Caps, 50 mL;	500/Pk	39233090	17500
53203-13	Environmental Express CertiTube™, Digestion Tubes with Green Caps, 50 mL;	500/Pk	39233090	37000
53203-15	Environmental Express CertiTube™, Digestion Tubes with White Caps, 50 mL;	500/Pk	39233090	31000
53203-17	Environmental Express CertiTube™, Digestion Tubes with Natural Linerless Caps, 50mL;	500/Pk	39233090	15700
53203-23	Environmental Express UC483 CertiTube™, Digestion Tubes without Caps, 50 mL, Rack Lok;	500/Pk	39233090	18200
53203-25	Environmental Express CertiTube™, Digestion Tubes with White Caps, 50mL, Rack Lok;	500/Pk	39233090	19800
53203-27	Environmental Express CertiTube™, Digestion Tubes with Natural Linerless Caps, 50mL, Rack Lok;	500/Pk	39233090	18900
53204-17	Environmental Express Ulti Tube, Digestion Tubes with Natural Linerless Caps, 50mL;	150/Box	39233090	14200
53100-05	Environmental Express SC600 Disposable Digestion Tube, with Hinged Lid, 100 mL;	250/Pk	39233090	30000
53201-07	Environmental Express Digestion Tubes, White Screw-Top Caps, PP, 100mL;	225/Pk	39233090	20500

Product code	Product Description	Qty	HSN Code	Price
Distillation Systems				
35209-85	Environmental Express SimpleDist® C6000-240 Complete Distillation System; 240 VAC	1	84195000	1429000
35202-38	Environmental Express HotBlock® SimpleDist C8000-240 Digestion System, 26-Well, 10mL; 240 VAC	1	84195000	1198000
35209-87	Environmental Express SimpleDist 12-Place Manifold Kit without Block	1	39269099	656000
35209-86	Environmental Express SimpleDist 18-Place Manifold Kit, without Block	1	39269099	753000

Electrodes

15946-60	Cole-Parmer Single Jn. Glass Body pH Electrode, Glass/3 ft Cable; BNC	1	90279089	7000
15946-61	Cole-Parmer Double Jn. Glass Body pH Electrode, Glass/3 ft Cable; BNC	1	90279089	3900
15946-62	Cole-Parmer Single Jn. Epoxy Body pH Electrode, Glass/3 ft Cable; BNC	1	90279089	3400
15946-63	Cole-Parmer Double Jn. Epoxy Body pH Electrode, Glass/3 ft Cable; BNC	1	90279089	3900
15945-54	Cole-Parmer High Precision pH Electrode, Glass/3 ft Cable; BNC	1	90279089	11200
15946-59	Cole-Parmer Non-Aqueous pH Electrode	1	90279089	20300
15945-55	Cole-Parmer Semi-Micro pH Electrode, Glass/3 ft Cable; BNC	1	90279089	29200
15945-56	Cole-Parmer Glass-body Micro pH Electrode	1	90279089	56900
05991-44	Cole-Parmer pH electrode, Refillable, flat-surface	1	90278031	19800
27504-02	Oakton by Cole-Parmer® Combination Ion-Selective Electrode (ISE), Bromide (Br)	1	38220000	48400
27502-05	Oakton by Cole-Parmer® Ion-Selective Electrode (ISE), Bromide, Double-Junction, BNC	1	90278031	68400
27504-04	Oakton by Cole-Parmer® Combination Ion-Selective Electrode (ISE), Cadmium (Cd+2)	1	90278031	58100
27502-07	Oakton by Cole-Parmer® Ion-Selective Electrode (ISE), Cadmium, Double-Junction, BNC	1	90278031	66500
27504-06	Oakton by Cole-Parmer® Combination Ion-Selective Electrode (ISE), Calcium (Ca+2)	1	90278031	58100
27502-09	Oakton by Cole-Parmer® Ion-Selective Electrode (ISE), Calcium, Double-Junction, BNC	1	90278031	74600
27504-08	Oakton by Cole-Parmer® Combination Ion-Selective Electrode (ISE), Chloride (Cl)	1	90279090	45700
27502-13	Oakton by Cole-Parmer® Ion-Selective Electrode (ISE), Chloride, Double-Junction, BNC	1	90278031	75600
27504-10	Oakton by Cole-Parmer® Combination Ion-Selective Electrode (ISE), Copper (Cu+2)	1	38220000	59700
27502-15	Oakton by Cole-Parmer® Ion-Selective Electrode (ISE), Copper, Double-Junction, BNC	1	90278031	68700
27504-12	Oakton by Cole-Parmer® Combination Ion-Selective Electrode (ISE), Cyanide (CN)	1	38221990	57500
27502-17	Oakton by Cole-Parmer® Ion-Selective Electrode (ISE), Cyanide, Double-Junction, BNC	1	90278031	68900
27504-14	Oakton by Cole-Parmer® Combination Ion-Selective Electrode (ISE), Fluoride (F)	1	90278031	55900
27502-19	Oakton by Cole-Parmer® Ion-Selective Electrode (ISE), Fluoride, Double-Junction, BNC	1	90270000	68300
27504-18	Oakton by Cole-Parmer® Combination Ion-Selective Electrode (ISE), Iodide (I)	1	90278031	47600
27502-23	Oakton by Cole-Parmer® Ion-Selective Electrode (ISE), Iodide, Double-Junction, BNC	1	39220000	60800
27504-20	Oakton by Cole-Parmer® Combination Ion-Selective Electrode (ISE), Lead (Pb+2)	1	90278031	57500

Product code	Product Description	Qty	HSN Code	Price
Electrodes				
27502-25	Oakton by Cole-Parmer® Ion-Selective Electrode (ISE), Lead, Double-Junction, BNC	1	90278031	60100
27504-22	Oakton by Cole-Parmer® Combination Ion-Selective Electrode (ISE), Nitrate	1	90278031	58100
27502-31	Oakton by Cole-Parmer® Ion-Selective Electrode (ISE), Nitrate, Double-Junction, BNC	1	90278031	73200
27504-24	Oakton by Cole-Parmer® Combination Ion-Selective Electrode (ISE), Perchlorate (ClO ₄)	1	90278031	58100
27502-35	Oakton by Cole-Parmer® Ion-Selective Electrode (ISE), Perchlorate, Double-Junction, BNC	1	90278031	74600
27504-26	Oakton by Cole-Parmer® Combination Ion-Selective Electrode (ISE), Potassium (K ⁺)	1	90278031	58100
27502-39	Oakton by Cole-Parmer® Ion-Selective Electrode (ISE), Potassium, Double-Junction, BNC	1	90278031	74600
27504-28	Oakton by Cole-Parmer® Combination Ion-Selective Electrode (ISE), Silver/Sulfide(Ag ⁺ /S ₂)	1	90278031	47600
27502-41	Oakton by Cole-Parmer® Ion-Selective Electrode (ISE), Silver/Sulfide, Double-Junction, BNC	1	90270000	71600
27504-30	Oakton by Cole-Parmer® Combination Ion-Selective Electrode (ISE), Sodium (Na ⁺)	1	38220019	33300
27502-43	Oakton by Cole-Parmer® Ion-Selective Electrode (ISE), Sodium, Double-Junction, BNC	1	90278031	52200
27504-32	Cole-Parmer Combination Ion-Selective Electrode (ISE), Surfactant (X ⁺ /X)	1	90278031	58100
27502-45	Oakton by Cole-Parmer® Ion-Selective Electrode (ISE), Surfactant, Double-Junction, BNC	1	38220019	79500
27504-34	Oakton by Cole-Parmer® Combination Ion-Selective Electrode (ISE), Water hardness (Ca ²⁺ /Mg ⁺)	1	90278031	58100
27502-49	Oakton by Cole-Parmer® Ion-Selective Electrode (ISE), Water Hardness, Double-Junction, BNC	1	90278031	78100
35805-05	Environmental Express pH Probe, Sealed, SJ, Epoxy, High pH Sodium, 3 ft Cable, BNC	1	90278031	8700
35816-72	Cole-Parmer All-in-One pH/ATC Electrode for 600 series meters, Double-Junction	1	90278031	23600
35808-72	Environmental Express Waterproof pH Electrode with ATC, Double-Junction, Epoxy-Body, Gel-Filled	1	90278031	28500
59001-34	Environmental Express Combination pH electrode, Glass, Refillable, Double-Junction, BNC	1	90278031	37100
35419-42	Environmental Express 1500 All-in-One pH Electrode	1	90279020	29300
59001-70	Environmental Express pH Electrode, Combination, Double-Junction, Gel Filled	1	90279090	15700
35419-31	Oakton PH 550 Replacement pH Electrode with Temperature Sensor	1	90278031	13400
35811-71	Oakton All-in-One pH/ATC Electrode, Epoxy, Sealed, Single-Junction, 12 mm OD; 3 ft Sub-Mini/BNC	1	90278031	16400
35608-72	Oakton Conductivity Probe, 2-cell, K = 0.1, Epoxy Body/Pt bands, 2.5-ft Cable	1	90278031	29100
35805-04	Environmental Express General-Purpose pH Probe, Refillable, DJ, Glass, 3 ft Cable, BNC	1	90278030	22100
35805-01	Environmental Express General-Purpose pH Probe, Sealed, DJ, Epoxy, 3 ft Cable, BNC	1	90278031	12800
05998-30	Environmental Express Environmental Express/ Oakton® pH electrode, combination, double-junction, KNO ₃ gel, glass body, BNC	1	90278031	22100
05992-00	Environmental Express pH Electrodes for Field Use; Single-Junction 3 Foot Cable	1	90278031	20500

Product code	Product Description	Qty	HSN Code	Price
Electrodes				
05990-40	Environmental Express pH electrode, Refillable/SJ/Glass/Extra-Long/Thin/326x8mm; BNC	1	90278031	28200
05990-65	Environmental Express pH electrode-Flat, Sealed, 127 mm x 12 mm	1	90278031	23000
35808-71	Environmental Express Waterproof pH Electrode with ATC, Single-Junction, Polycarbonate-Body, Gel-Filled	1	90278990	19000
59001-65	Environmental Express pH Electrode, Single-Junction, Gel, BNC Connector	1	90279090	12400
59002-76	Environmental Express All-in-One pH/ATC Probe, Sealed/DJ/Epoxy	1	90278031	24300
Gelation Timers				
98930-41	Cole-Parmer GT-200-6 Gelation Timer, 999.9 minutes; 230 VAC, 50 Hz	1	90279090	378000
98930-43	Cole-Parmer GT-200-5 Gelation Timer, 9999 minutes; 230 VAC, 50 Hz	1	90279090	372000
98930-44	Cole-Parmer F0985 Reusable Stainless Steel Plunger, 22 mm dia	1	84198995	14400
98930-47	Cole-Parmer F7846 Sample Containers with Screw Caps, Aluminum;	234/Pk	84198995	171000
04546-00	Laboratory Mixer Support Stand, 5/8" Dia Shaft; 24" Height	1	84799090	147000
04340-50	Cole-Parmer Labjaws Heavy-Duty Mixer Clamp; 1/2 to 5/8" mounts	1	82057000	39000
Hot Block Digestion Systems				
53206-03	Environmental Express HotBlock® 200 SC2015-96V240 Heating Block, 96-position, 15mL; 240 VAC	1	84195090	1003000
53206-05	Environmental Express HotBlock® 200 SC2050-36V240 Heating Block, 36-position, 50mL; 240 VAC	1	84195090	859000
53206-07	Environmental Express HotBlock® 200 SC2050-54V240 Heating Block, 54-position, 50mL; 240 VAC	1	84195090	940000
53206-09	Environmental Express HotBlock® 200 SC2100-25V240 Heating Block, 25-position, 100mL; 240 VAC	1	84195090	775000
53206-11	Environmental Express HotBlock® 200 SC2100-35V240 Heating Block, 35-position, 100mL; 240 VAC	1	84195090	969000
35201-99	Environmental Express HotBlock B3000 COD Reactor, 56-Place; 240 VAC	1	84195090	1034000
53205-01	Environmental Express HotBlock® SC196-240 Digestion System, 96-Well, 15 mL; 240 VAC	1	84195050	1112000
53205-03	Environmental Express HotBlock® SC100-240 Digestion System, 36-Well, 50 mL; 240 VAC	1	84195000	839000
53205-05	Environmental Express HotBlock® SC154-240 Digestion System, 54-Well, 50 mL; 240 VAC	1	84195000	1066000
53205-35	Environmental Express HotBlock® SimpleDist C6002-240 Digestion System, 12-Well, 50 mL; 240 VAC	1	84195000	738000
53205-07	Environmental Express HotBlock® SC150-240 Digestion System, 25-Well, 100 mL; 240 VAC	1	84195000	926000
53205-12	Environmental Express HotBlock® SC151-240 Digestion System, 35-Well, 100 mL; 240 VAC	1	84195000	1085000
Hydrometers				
08297-83	Cole-Parmer 0.700/0.750 Specific Gravity ASTM 83H Hydrometer for Light Liquids	1	90258090	14100
08297-85	Cole-Parmer 0.750/0.800 Specific Gravity ASTM 84H Hydrometer for Light Liquids	1	90258090	14100
08299-69	Cole-Parmer 0.700/2.000 Specific Gravity and 70/10 Degree and 0/70 Degree Baume Dual Scale Hydrometer for Heavy and Light Liquids	1	90258090	9100
08299-78	Cole-Parmer 1.000/2.000 Specific Gravity and 0/70 Degree Baume Dual Scale Hydrometer for Liquids Heavier Than Water	1	90258090	9500

Product code	Product Description	Qty	HSN Code	Price
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Hydrometers

08299-81	Cole-Parmer Safety 39/51 Degree API Combined Form Thermo-Hydrometer	1	90258090	16800
08298-13	Cole-Parmer 0.790/0.900 Specific Gravity Hydrometer for Liquids Lighter Than Water	1	90258090	8300
08299-61	Cole-Parmer 0/50 Degree Baume Hydrometer	1	90258090	8800
08299-80	Cole-Parmer Safety 29/41 Degree API Combined Form Thermo-Hydrometer	1	90258090	17300
08297-87	Cole-Parmer 0.800/0.850 Specific Gravity ASTM 85H Hydrometer for Light Liquids	1	90258090	14800
08298-26	Cole-Parmer 0/12 Degree Baume Shatterproof Plastic Hydrometer	1	90258090	34600
08298-40	Cole-Parmer 1.050/1.220 Specific Gravity Shatterproof Plastic Hydrometer	1	90258090	28700
08297-38	Cole-Parmer Salt Brine Hydrometer; 0/100 Percent by Saturation	1	90258090	7500
08298-39	Cole-Parmer 0.920/1.080 Specific Gravity Shatterproof Plastic Hydrometer	1	90258090	33900
08297-93	Cole-Parmer 0.950/1.000 Specific Gravity ASTM 88H Hydrometer for Light Liquids	1	90258090	14500

Light Meter

98766-93	Traceable Calibrated Light Meter with RS-232 Output	1	90275090	35700
35725-03	Extech LT505 Pocket Light Meter	1	90275090	35400
35725-05	Extech UV505 Pocket UV-AB Light Meter	1	90275090	54300
50510-93	Extech LT300 Precision Digital Light Meter	1	90275090	60200
98766-92	Traceable Calibrated Dual-Range Light Meter with Recorder Output	1	90275090	25200
20250-00	Cole-Parmer Data Logging Light Meter with NIST-Traceable Calibration	1	90275090	43000

Moisture Meter

20250-35	Digi-Sense Precalibrated Pocket Size Moisture Meter	1	90258090	8000
35500-04	Extech MO57 Pinless Moisture Meter with Ball Sensor	1	90258090	45100
59823-10	Delmhorst G-7 Digital Grain Moisture Detector	1	90258090	158000
59840-01	Extech MO55 Compact, Combination Pin and Pinless Moisture Meter	1	90258090	28200
86531-53	Extech MO260 Pocket Moisture Meter with Pin/Pinless Combination	1	90258090	93300
86531-14	Extech MO750 Soil Moisture Meter with Integrated 8" Heavy Duty Probe	1	90258090	83100
99037-00	Delmhorst KS-D1 Digital Soil Moisture Meter	1	90258090	104000

Pocket Testers

35634-30	Oakton pHTestr® 30+ Waterproof Pocket Tester	1	90278090	17300
35634-34	Oakton PCTSTestr™ 30 pH/Conductivity/TDS/Salinity Waterproof Pocket Tester	1	90278980	39100
35634-32	Oakton ORPTestr® 30 Double Junction Waterproof Pocket Tester	1	90278990	19100
35634-25	Oakton pHTestr® 50S Spear-Tip Waterproof Pocket Tester, Premium 50 Series	1	90278090	85300
35634-35	Oakton PCTSTestr™ 50 Waterproof Pocket pH/Cond/TDS/Salinity Tester	1	90278090	52600
35634-15	Oakton pHTestr® 50 Waterproof Pocket pH Tester, Premium 50 Series	1	90278090	29400
35634-05	Oakton EcoTestr™ pH1 Waterproof Pocket Tester	1	90278090	10700
35634-16	Oakton pHTestr® 5 Waterproof Pocket Tester	1	90278090	10300
35634-52	Oakton pHTestr® 5S Spear-Tip Waterproof Pocket Tester	1	90278090	38100
35634-60	Oakton PCTSTestr™ 5 Waterproof Pocket Tester	1	90278090	27400
35634-42	Oakton CTSTestr™ 5 Waterproof Pocket Tester	1	90278090	19400
35634-54	Oakton ORPTestr® 5 Waterproof Pocket Tester	1	90278090	15700
35634-06	Oakton EcoTestr™ EC1 Waterproof Pocket Tester	1	90278090	11100
35634-08	Oakton EcoTestr™ TDS1 Waterproof Pocket Tester	1	90278090	11100

Product code	Product Description	Qty	HSN Code	Price
Portable Meters				
35613-28	Environmental Express pH 100 Portable pH Meter with ATC Temperature Probe	1	90278031	43400
35613-25	Environmental Express pH 100 Portable pH meter with pH and Temperature Probes	1	90278031	50600
35613-27	Environmental Express pH 100 Portable pH Meter Kit with Case, pH and Temperature Probes, and Solutions	1	90278031	59000
35604-10	Environmental Express EC 100 Portable Conductivity Meter with EC/ATC Probe	1	90278031	60000
35604-15	Environmental Express EC 100 Portable Conductivity Meter Kit with Case, EC/ATC Probe, and Solutions	1	90278031	68300
35613-65	Environmental Express ION 100 Portable Ion Meter with Temperature Probe	1	90278031	65100
35613-68	Environmental Express ION 100 Portable Ion Meter Kit with Case and pH/Temperature Probe	1	90278031	71600
35643-00	Environmental Express DO 100 Portable DO Meter and DO Probe	1	90278031	119000
35643-05	Environmental Express DO 100 Portable DO Meter Kit with DO Probe and Case	1	90278031	113000
35613-45	Environmental Express PC 100 Portable pH/Conductivity Meter with pH, Conductivity, and ATC Probes	1	90278031	87500
35613-46	Environmental Express PC 100 Portable pH/Conductivity Meter Kit with pH, Conductivity, and ATC Probes, Case, and Solutions	1	90278031	97600
35660-10	Environmental Express PH250 Waterproof pH and ORP Handheld Meter Kit	1	90278031	72400
35660-34	Environmental Express PH250 Waterproof pH and ORP Handheld Meter	1	90278031	57100
35660-14	Environmental Express EC250 Waterproof Conductivity, TDS, Resistivity, and Salinity Handheld Meter Kit	1	90278031	80700
35660-12	Environmental Express PH260 Waterproof pH and ORP Handheld Meter Kit	1	90278031	96700
35660-36	Environmental Express PH260 Waterproof pH and ORP Handheld Meter	1	90278031	74900
35660-16	Environmental Express EC260 Waterproof Conductivity, TDS, Resistivity, and Salinity Handheld Meter Kit	1	90278031	102000
35660-28	Environmental Express PC260 Waterproof Dual-Channel pH, ORP, Conductivity, TDS, Resistivity, and Salinity Handheld Meter Kit	1	90278031	147000
35660-48	Environmental Express PC260 Waterproof Dual-Channel pH, ORP, Conductivity, TDS, Resistivity, and Salinity Handheld Meter	1	90278031	96700
35660-76	Environmental Express PC360 Waterproof Dual-Channel pH, ORP, Conductivity, TDS, Resistivity, and Salinity Smart Handheld Meter Kit	1	90278031	270000
35660-78	Environmental Express PD360 Waterproof Dual-Channel pH, ORP, and DO Smart Handheld Meter Kit	1	90278031	321000
35660-80	Environmental Express PCD380 Waterproof 3-Channel pH, ORP, Conductivity, TDS, Resistivity, Salinity, and DO Smart Handheld Meter Kit	1	90278031	427000
35660-82	Environmental Express WQ350 Waterproof Single-Channel Smart Handheld Meter	1	90278031	90900
35660-84	Environmental Express WQ360 Waterproof Dual-Channel Smart Handheld Meter	1	90278031	101000
35660-86	Environmental Express WQ380 Waterproof 3-Channel Smart Handheld Meter	1	90278031	112000
35660-70	Environmental Express PH350 Waterproof Single-Channel pH and ORP Smart Handheld Meter Kit	1	90278031	169000
35660-72	Environmental Express EC350 Waterproof Single-Channel Conductivity, TDS, Resistivity, and Salinity Smart Handheld Meter Kit	1	90278031	190000
35660-74	Environmental Express DO350 Waterproof Single-Channel DO Smart Handheld Meter Kit	1	90278031	243000
35643-12	Oakton DO6+ Dissolved Oxygen Meter with Probe	1	90278090	77600
35604-04	Oakton CON 6+ Handheld Conductivity Meter Kit	1	90278090	104000
35618-90	Oakton pH450 Waterproof Portable pH/mV/ISE/Temp Meter Kit	1	90278090	147000

Product code	Product Description	Qty	HSN Code	Price
Portable Meters				
35613-24	Oakton pH 6+ Handheld Meter Kit with Case, Solutions, and pH/ATC Probe	1	90278090	87700
35614-90	Oakton pH 150 Waterproof Portable Meter Kit	1	90278090	125000
35643-14	Oakton DO6+ Dissolved Oxygen Meter Kit	1	90278090	164000
35613-50	Oakton pH 5+ Handheld Meter with ATC; Order pH Probe Separately	1	90278090	55000
35613-80	Oakton Ion 6+ Handheld Meter with ATC Probe	1	90278090	107000
35607-90	Oakton CON 150 Waterproof Portable Meter Kit	1	90278945	134000
35613-22	Oakton pH 6+ Handheld Meter with pH Probe	1	90278090	71200

Radiation Meters

81910-24	Radiation Alert Monitor 200 Digital Radiation Meter and Data Logger	1	90301000	203000
81910-23	Radiation Alert Ranger EXP Digital Radiation Meter with External Probe	1	90301000	314000
81910-21	Radiation Alert Ranger Digital Radiation Meter with Internal Sensor	1	90301000	243000

Refractometer

81150-48	Cole-Parmer Digital Refractometer, 1.3330 to 1.4098 RI, 0 - 45% Brix	1	90275090	72100
81150-49	Cole-Parmer Digital Refractometer, 1.3330 to 1.4100, RI, 0; 28% NaCl	1	90275020	82300
81150-51	Cole-Parmer Digital Refractometer, 1.3330 to 1.3900 RI, 0 - 14 g/dl Serum Protein, Urine Specific Gravity (animal), 1.000 - 1.060 g/dl	1	90275020	74600
81150-52	Cole-Parmer Digital Refractometer, 0; 60% v/v, Ethanol, 0; 60%w/w, Ethanol	1	90275020	77200
81150-53	Cole-Parmer Digital Refractometer, 0 - 60%v/v IPA, 0 - 60%w/w, IPA	1	90275020	82300
81150-54	Cole-Parmer Digital Refractometer, 0 to 75% ethylene glycol, -58 to 32°F, -50 to 0°C	1	90275020	74600
81150-55	Cole-Parmer Digital Refractometer, 0 - 85% Brix, 1.3330 - 1.5100 RI	1	90275050	103000
81150-56	Cole-Parmer Digital Refractometer, 0 - 95% Brix, 1.3330 - 1.5400 RI	1	90275020	103000
81150-57	Cole-Parmer Digital Refractometer, 1.3330 to 1.4100 RI, 0 - 45% Brix, 0 - 28% Salinity	1	90275020	82300
81150-41	Cole-Parmer RSA-SA2 Refractometer 0 - 28%, Salinity	1	90275020	16700
81150-46	Cole-Parmer RSA-BS1T Refractometer with ATC, 0 - 100% Salinity, 1.000 - 1.070 RI, 0 - 10% Brix	1	90275020	15200
81150-47	Cole-Parmer RSA-BS2T Refractometer with ATC, 0 - 28% Salinity, 0 - 32% Brix	1	90275020	15200

Sound Meter

20250-29	Digi-Sense Data Logging Sound Meter with NIST-Traceable Calibration	1	90304000	61700
98767-13	Digi-Sense Traceable® Sound Level Meter with Calibration	1	90278090	78500
37800-03	General Tools DSM403SD Digital Class 1 Sound Level Meter with Data Logging SD Card	1	90259080	148000

TCLP

35208-30	Environmental Express ZHE+ (ZHE1000) ZHE+ Zero Headspace Extractor; 560 mL	1	84212100	725000
35208-08	Environmental Express MaxFil Pressure Filtration Device; 2.2 L	1	84212100	967000
35208-10	Environmental Express® TCLP Heavy-Duty LE Rotator	1	85437096	1504000
35208-62	Environmental Express BX3000-4 TCLP Bottles, Polyethylene, 15 x 24 cm;	4/Pk	70109005	5800
29902-90	Advantec 740160 Pressure Vessel; 316 SS; 1 gal. (3.78 L) capacity; Wide-Mouth	1	84219900	445000
35208-46	ESS ZHE+ Replacement Tedlar® Sampling Bags, 1 L, 7x7";	10/Pk	39232100	39200

Product code	Product Description	Qty	HSN Code	Price
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TKN Digestion Hot Blocks

35205-66	Environmental Express HotBlock® TKN028 Heating Block, 28-Well; 240 VAC	1	84195000	1275000
35205-67	Environmental Express HotBlock® TKN054 Heating Block, 54-Well; 240 VAC	1	84195000	1424000
35205-68	Environmental Express HotBlock® TKN100 System Controller; Simple	1	84195000	437000
35205-69	Environmental Express HotBlock® TKN180 System Controller; Touchscreen	1	84195000	1303000

Turbidity Meters

35635-21	Environmental Express T80WL Portable White Light Turbidity Meter Kit	1	90278090	136000
35635-22	Environmental Express T80IR Portable Infrared Light Turbidity Meter Kit	1	90278090	121000

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- 2. Price Validity and Lead Time:** Prices are non-binding and subject to alteration without notice. We reserve the right to invoice goods at prices prevailing on the date of dispatch. Standard lead time is 4-6 weeks, subject to confirmation at the time of ordering. Lead times may vary due to raw material availability, rare circumstances, or other factors.
- 3. Additional Charges:** GST will be extra as applicable. Installation and Operation Qualification (IOQ) charges will apply as per instrument category.
- 4. Order Placement:** All orders must be placed on Cole-Parmer India Pvt Ltd., A wing, 403, Delphi Building, Orchard Ave, Hiranandani Gardens, Powai, Mumbai – 400076. The Seller reserves the right to refuse, cancel, or modify orders without liability, and prior consent is required for any cancellation or modification.
- 5. Product Images:** Product images are representative and may vary based on available models.
- 6. Taxes and Duties:** Prices exclude GST. Additional government taxes, levies, and charges will be applied as per applicable laws.
- 7. Compliances:** Distributors, customers, and end-users must comply with all applicable statutory requirements, including obtaining necessary licenses, permits, and consents.
- 8. Payment Terms:** Payment of invoices must be made within the agreed time-period and manner. We reserve the right to discontinue delivery and take necessary actions for the recovery of unpaid invoices.
- 9. Intellectual Property Rights:** We make no representation that our goods do not violate third-party industrial or intellectual property rights. Customers must notify us of any complaints and indemnify us against claims related to intellectual property.
- 10. Bulk Requirements:** Bulk enquiries from actual users/dealers will be considered at special prices based on mutual agreements. Delivery periods will be confirmed at the time of submitting the offer letter.
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