

Cole-Parmer®

Product Price List 2026



coleparmer.com



Delivering lab essentials to move science forward

Dear Customers,

We thank you for your valuable orders during 2025, which helped us strengthen our connection with you and expand our customer base. You are the core of our success in South Asia.

Many of us faced significant challenges in 2025 due to global tariff issues and the appreciation of the US Dollar against the Indian Rupee, leading to uncertainties in the landed cost of imports. We absorbed a portion of these costs, planned our inventories better, and made every effort to avoid passing on these increases to our customers.

It is our honour to present the **2026 Rupee Price List Catalogue**, designed to help you plan and place your orders with Cole-Parmer and our channel partners. Please feel free to reach out to us for any support related to ordering Cole-Parmer products, all of which are readily available from our India warehouses.

Our excellent team across Marketing, Sales, Applications, Service, and Channel Management is always pleased to connect with you and support your daily laboratory requirements. Product and ordering information can also be viewed on our website www.coleparmer.in.

Our warehouses in Mumbai and Hyderabad, together with our strong network of authorised distributors across India, ensure that Cole-Parmer products are delivered to you with the minimum possible lead time.

We look forward to a deeper association with all our customers in 2026 and to being your preferred partner for all laboratory needs.

Warm regards,
Pradeep Nair
Managing Director

About Cole-Parmer

Cole-Parmer is a trusted global leader in laboratory essentials, serving life sciences, clinical, academic, research, environmental, and industrial markets. We deliver a portfolio of reliable equipment and consumables designed to accelerate scientific discovery, ensure regulatory compliance, and support productivity across diverse laboratory settings. Since 1955, we have been recognized for our knowledgeable team of scientific experts who provide one-on-one guidance in product selection, usage, and troubleshooting—helping laboratories worldwide to run efficiently and with confidence. We provide a true one-stop-shop supply chain solution by curating a portfolio of unique, industry-leading brands. Our premier brands include Cole-Parmer, Environmental Express, SPEX, and ZeptoMetrix, trusted names in life sciences, diagnostics, environmental, and industrial applications.

Our Global Presence



Vernon Hills, IL

- 269,000 sq. ft. warehouse and office (headquarters)
- Processes >1000 orders/day

Houston, TX

- 38,000 sq. ft.
- Manufactures and distributes Traceable product line

Ocala, FL

- 52,000 sq. ft.
- Manufactures and distributes Traceable product line

Shanghai, China

- 44,000 sq. ft.
- Room for expansion

Raleigh, NC

- 10,000 sq. ft.
- Manufactures and distributes NSI Lab Solutions products

Franklin, MA

- 35,000 sq. ft.
- Manufactures and distributes ZeptoMetrix product line

Stone, UK

- 112,000 sq. ft.
- Original home of Bibby Scientific

Buffalo, NY

- 48,000 sq. ft.
- Research and design facility for ZeptoMetrix

Charleston, SC

- 112,000 sq. ft.
- Original home of Environmental Express
- Our injection molding center of excellence

Metuchen, NJ

- 3 Manufacturing, Distribution & Office locations for SPEX CertiPrep & SamplePrep

Mumbai, India

- 9,000 sq. ft.
- Distributes Life Science products

St. Neots, UK

- 17,000 sq. ft.
- Original home of Kinesis

Distribution

Manufacturing & Distribution

Manufacturing

Our History.....

1955

Jerry Cole and John Parmer establish Cole-Parmer

1970

Barnant Company, manufacturer of Masterflex brand, is acquired

2000

Thermo Fisher acquires Cole-Parmer

2014

GTCR acquires Cole-Parmer

Environmental Express acquired

2015

Ismatec acquired

Bibby Scientific with Stuart, Jenway, Techne and Electrothermal brands acquired

2016

Argos, Cole-Parmer, Abreg acquired

2017

Western Analytical with Vaplock acquired

Control Company & SMI Motors acquired

2019

Zefon acquired

2020

SPEX CertiPrep, SPEX SamplePrep and ZeptoMetrix acquired

2021

Masterflex division sold

2022

NSI Lab Solutions acquired

2023

Cole-Parmer completes refresh of all manufactured products

Chiron acquired

2024

Environmental Monitoring System acquired

2025

Cole-Parmer 70th Anniversary

Brookfield Private Equity and CDPQ acquisition

UQSR.

UQSR. Certificate

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

For information concerning validity of certificate, you can visit the site: www.uqsr.org

This document is property of UQSR and should be returned on request. Any unauthorised alteration, forgery or fabrication of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



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
BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A Member of the BSI Group of Companies.

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40+ YEARS IN
FLUID
HANDLING

FASTER DELIVERY. ALWAYS STANDING BY YOU.

Industry Leaders in Fluid Handling

Cole-Parmer provides a comprehensive offering of fluid handling solutions suitable for a wide range of applications. Whether you are operating in a laboratory, research facility, or industrial setting, our expertly designed products are engineered to enhance precision and reliability.

Pumps

[View our full selection of pumps](#)



Our range of pumps ensures precision, reliability, and efficiency for fluid transfer in diverse applications. From peristaltic to syringe pumps, our solutions deliver consistent performance and adaptability for any process. Whether handling delicate fluids or aggressive chemicals, our pumps meet the demands of critical operations.



Watson-Marlow 120 Series
Peristaltic Pumps



Watson-Marlow 323 Series
Peristaltic Pumps



Watson-Marlow 530 Series
Peristaltic Pumps

Pump Heads



Watson-Marlow 300 Series
Rapid Load Pump Heads



Watson-Marlow 300 Series
Multichannel Pump Heads

Syringe Pumps



Legato® Syringe Pumps



[View our full selection of tubing](#)

Tubing

Designed for versatility, our tubing selection includes both rigid and flexible options to meet diverse application needs. Trusted brands like Cole-Parmer®, Tygon®, Viton®, and Excelon offer superior quality, while specific formulations such as PVC, platinum-cured silicone, and TPE ensure optimal performance, chemical compatibility, and flow integrity for even the most demanding processes.



Cole-Parmer® PVC Lab and Vacuum Tubing



Cole-Parmer® 2- and 3-Stop Tubing



Cole-Parmer® Platinum-Cured Silicone Tubing



Black Viton® FDA-Compliant Tubing



PharMed® BPT Biocompatible Pump Tubing



C-Flex® 072 Thermoplastic Elastomer (TPE) Tubing



PharmaPure® Low Spallation Pump Tubing



Excelon Bev-A-Line® IV Tubing



Tygon® 2475 IB High Pressure Tubing



[View our Tubing Selector Tool](#)

Take the guesswork out of tubing selection. Quickly match formulations and dimensions with your needs using the Cole-Parmer Tubing Selector Tool.

Fittings

[View our full selection of fittings](#)



Our fittings deliver secure, leak-free connections tailored to a variety of applications, from laboratory setups to pharmaceutical processes. With options ranging from cleanroom-packed luer fittings to temperature-resistant quick-disconnects, they cater to both specialized and general-purpose needs. Engineered for reliability and compatibility, our fittings ensure exceptional performance even in the most demanding environments.



Sanitary Fittings,
Gaskets & Clamps



Quick-Disconnect Fittings



Barbed & Luer Fittings

Valves & Flowmeters

[View our full selection of valves & flowmeters](#)



Achieve precise flow control and monitoring with our durable valves and flowmeters. Reliable check valves prevent fluid backflow, while solenoid valves offer automated, precise fluid control. For accurate measurement, our variable area and laminar differential pressure flowmeters provide clear, real-time visualization of flow rates, ensuring optimal system performance.



Check Valves

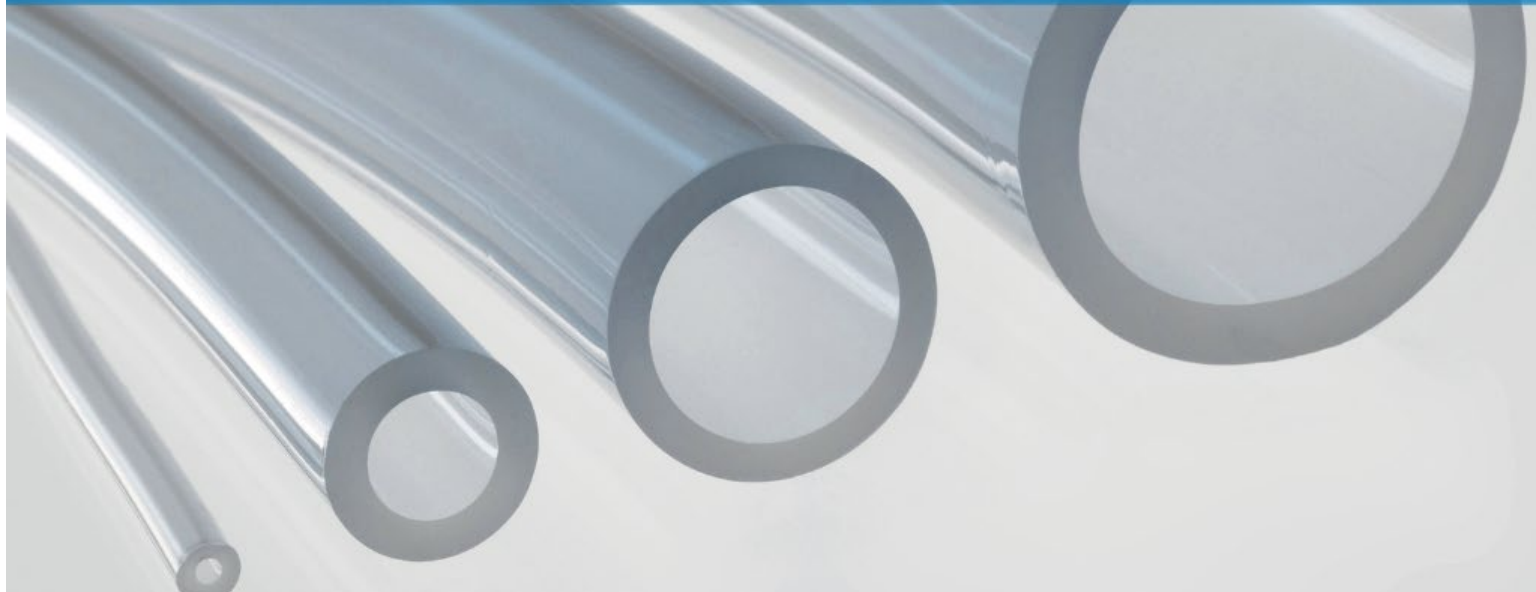


Solenoid Valves



Variable Area & Laminar
Differential Pressure
Flowmeters

Tubing



Cole-Parmer® Platinum-Cured

Ideal for general-purpose, laboratory, and single-use applications

- 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

Sterilize by autoclave, gamma irradiation, EtO, and chemical sterilants.



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|---|------|----------|--------|
| 50119-55 | Platinum-cured Silicone Tubing 61A 1/16 X 3/16" | 50Ft | 39173290 | 12200 |
| 50119-56 | Platinum-cured Silicone Tubing 61A 1/8 X 1/4" | 50Ft | 39173290 | 17000 |
| 50119-57 | Platinum-cured Silicone Tubing 61A 3/16 X 5/16" | 50Ft | 39173290 | 21800 |
| 50119-58 | Platinum-cured Silicone Tubing 61A 1/4 X 1/2" | 50Ft | 39173290 | 60700 |
| 50119-59 | Platinum-cured Silicone Tubing 61A 3/8 X 5/8" | 50Ft | 39173290 | 81000 |
| 50119-60 | Platinum-cured Silicone Tubing TBG 61A 3/16 X 7/16" | 50Ft | 39173290 | 52400 |
| 50119-61 | Platinum-cured Silicone Tubing TBG 61A 1/4 X 3/8" | 50Ft | 39173290 | 26500 |
| 50119-62 | Platinum-cured Silicone Tubing 61A 1/4 X 7/16" | 50Ft | 39173290 | 43700 |
| 50119-63 | Platinum-cured Silicone Tubing TBG 61A 1/2 X 3/4" | 50Ft | 39173290 | 99400 |
| 50119-64 | Platinum-cured Silicone Tubing 50A 1/16 X 3/16" | 50Ft | 39173290 | 15700 |
| 50119-65 | Platinum-cured Silicone Tubing 50A 1/8 X 1/4" | 50Ft | 39173290 | 18500 |
| 50119-66 | Platinum-cured Silicone Tubing 50A 3/16 X 5/16" | 50Ft | 39173290 | 27500 |
| 50119-67 | Platinum-cured Silicone Tubing 50A 1/4 X 1/2" | 50Ft | 39173290 | 64300 |
| 50119-68 | Platinum-cured Silicone Tubing 50A 3/8 X 5/8" | 50Ft | 39173290 | 72200 |
| 50119-69 | Platinum-cured Silicone Tubing 50A 3/16 X 7/16" | 50Ft | 39173290 | 48800 |
| 50119-70 | Platinum-cured Silicone Tubing 50A 1/4 X 3/8" | 50Ft | 39173290 | 26900 |
| 50119-71 | Platinum-cured Silicone Tubing 50A 1/4 X 7/16" | 50Ft | 39173290 | 48800 |
| 50119-72 | Platinum-cured Silicone Tubing 50A 1/2 X 3/4" | 50Ft | 39173290 | 106000 |

Tubing

Cole-Parmer® Peroxide-Cured

Peroxide-cured silicone tubing provides a long shelf life and enhanced mechanical strength—excellent for use in peristaltic pumps.

- Exhibits good heat, cold, ozone, UV, and abrasion resistance
- Flexible tubing provides a long shelf life and resists kinking and tearing
- Clear for visual inspection and flow monitoring
- FDA, USP Class VI Compliant



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|---|------|----------|-------|
| 50121-42 | Peroxide-cured Silicone Tubing 1/16 X 3/16" | 25Ft | 39173290 | 6600 |
| 50121-43 | Peroxide-cured Silicone Tubing 1/8 X 1/4" | 25Ft | 39173290 | 7300 |
| 50121-44 | Peroxide-cured Silicone Tubing 3/16 X 5/16" | 25Ft | 39173290 | 8100 |
| 50121-45 | Peroxide-cured Silicone Tubing 1/4 X 3/8" | 25Ft | 39173290 | 8900 |
| 50121-46 | Peroxide-cured Silicone Tubing 3/8 X 1/2" | 25Ft | 39173290 | 10300 |
| 50121-47 | Peroxide-cured Silicone Tubing 3/16 X 7/16" | 25Ft | 39173290 | 12900 |
| 50121-48 | Peroxide-cured Silicone Tubing 1/4 X 1/2" | 25Ft | 39173290 | 14200 |
| 50121-49 | Peroxide-cured Silicone Tubing 3/8 X 5/8" | 25Ft | 39173290 | 17700 |

Cole-Parmer® Thermoplastic Elastomer (TPE)

The Cole-Parmer® Thermoplastic Elastomer (TPE) tubing is soft and clear flexible tubing that is durable enough to provide a long service life.

- This tubing is designed for use with peristaltic pumps
- Excellent chemical resistance, ultra-low extractables and leachables
- Low gas and oxygen permeability, low protein binding, and nonpyrogenic material

This TPE tubing does not contain PVC, DEHP, phthalates, or plasticizers, making them ideal for various pharmaceutical, food, and beverage applications.



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|-------------------------|------|----------|-------|
| 50115-95 | TPE Tubing 1/32 X 3/32" | 50Ft | 39173290 | 6400 |
| 50115-96 | TPE Tubing 3/32 X 5/32" | 50Ft | 39173290 | 7300 |
| 50115-97 | TPE Tubing 3/32 X 7/32" | 50Ft | 39173290 | 13400 |
| 50115-98 | TPE Tubing 5/8 X 7/8" | 50Ft | 39173290 | 59700 |
| 50115-99 | TPE Tubing 1/16 X 1/8" | 50Ft | 39173290 | 6800 |
| 50116-00 | TPE Tubing 3/4 X 7/8" | 50Ft | 39173290 | 50600 |
| 50116-01 | TPE Tubing 3/4 X 1" | 50Ft | 39173290 | 71000 |
| 50116-02 | TPE Tubing 1/16 X 3/16" | 50Ft | 39173290 | 7400 |
| 50116-03 | TPE Tubing 1 X 1.25" | 50Ft | 39173290 | 88800 |
| 50116-04 | TPE Tubing 1/8 X 3/16" | 50Ft | 39173290 | 9500 |
| 50116-05 | TPE Tubing 1/8 X 1/4" | 50Ft | 39173990 | 14400 |
| 50116-06 | TPE Tubing 3/16 X 1/4" | 50Ft | 39173290 | 14100 |
| 50116-07 | TPE Tubing 3/16 X 5/16" | 50Ft | 39173290 | 16600 |
| 50116-08 | TPE Tubing 3/16 X 3/8" | 50Ft | 39173290 | 21600 |

Tubing

Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|-------------------------|------|----------|-------|
| 50116-09 | TPE Tubing 3/16 X 7/16" | 50Ft | 39173290 | 19200 |
| 50116-10 | TPE Tubing 1/4 X 3/8" | 50Ft | 39173290 | 16900 |
| 50116-11 | TPE Tubing 1/4 X 7/16" | 50Ft | 39173290 | 20600 |
| 50116-12 | TPE Tubing 1/4 X 1/2" | 50Ft | 39173290 | 23100 |
| 50116-13 | TPE Tubing 5/16 X 7/16" | 50Ft | 39173290 | 20300 |
| 50116-14 | TPE Tubing 5/16 X 1/2" | 50Ft | 39173290 | 21000 |
| 50116-15 | TPE Tubing 3/8 X 5/8" | 50Ft | 39173290 | 45400 |
| 50116-16 | TPE Tubing 3/8 X 1/2" | 50Ft | 39173290 | 22100 |
| 50116-17 | TPE Tubing 3/8 X 9/16" | 50Ft | 39173290 | 29500 |
| 50116-18 | TPE Tubing 1/2 X 3/4" | 50Ft | 39173290 | 53800 |

Cole-Parmer® Soft Thermoplastic Elastomer (TPE)

The Cole-Parmer® Soft Thermoplastic Elastomer (TPE) tubing is soft and flexible tubing that is durable enough to provide a long service life.

- This tubing is designed for use with peristaltic pumps
- Ultra-low extractables and leachables. Low gas and oxygen permeability
- This TPE tubing does not contain PVC, DEHP, phthalates, or plasticizers, making them ideal for various pharmaceutical, food, and beverage applications



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|------------------------------|------|----------|-------|
| 50116-38 | TPE Soft Tubing 1/32 X 3/32" | 50Ft | 39173290 | 6400 |
| 50116-39 | TPE Soft Tubing 3/32 X 5/32" | 50Ft | 39173290 | 7900 |
| 50116-40 | TPE Soft Tubing 5/8 X 7/8" | 50Ft | 39173290 | 59700 |
| 50116-41 | TPE Soft Tubing 1/16 X 1/8" | 50Ft | 39173290 | 6800 |
| 50116-42 | TPE Soft Tubing 3/4 X 1" | 50Ft | 39173290 | 71000 |
| 50116-43 | TPE Soft Tubing 1/16 X 3/16" | 50Ft | 39173290 | 7400 |
| 50116-44 | TPE Soft Tubing 1 X 1-1/4" | 50Ft | 39173290 | 88800 |
| 50116-45 | TPE Soft Tubing 1/8 X 3/16" | 50Ft | 39173290 | 9500 |
| 50116-46 | TPE Soft Tubing 1/8 X 1/4" | 50Ft | 39173290 | 14400 |
| 50116-47 | TPE Soft Tubing 3/16 X 1/4" | 50Ft | 39173290 | 14100 |
| 50116-48 | TPE Soft Tubing 3/16 X 5/16" | 50Ft | 39173290 | 16600 |
| 50116-49 | TPE Soft Tubing 3/16 X 3/8" | 50Ft | 39173290 | 23200 |
| 50116-50 | TPE Soft Tubing 1/4 X 3/8" | 50Ft | 39173290 | 16900 |
| 50116-51 | TPE Soft Tubing 1/4 X 7/16" | 50Ft | 39173290 | 20600 |
| 50116-52 | TPE Soft Tubing 1/4 X 1/2" | 50Ft | 39173290 | 23100 |
| 50116-53 | TPE Soft Tubing 5/16 X 7/16" | 50Ft | 39173290 | 18900 |
| 50116-54 | TPE Soft Tubing 3/8 X 5/8" | 50Ft | 39173290 | 45400 |
| 50116-55 | TPE Soft Tubing 3/8 X 1/2" | 50Ft | 39173290 | 22100 |
| 50116-56 | TPE Soft Tubing 1/2 X 3/4" | 50Ft | 39173290 | 50200 |

Tubing

Cole-Parmer® Thermoplastic (SEBS) Tubing

- Designed for the most demanding biopharmaceutical applications, the thermoplastic SEBS (styrene-ethylene-butylene-styrene) tubing exhibits superior gas barrier properties and excellent pressure performance
- Thermoplastic (SEBS) tubing does not contain BPA, phthalates, PVC, or peroxides that can leach out into the fluid, making it ideal for pharmaceutical applications, buffer and media preparation, and cell media processing
- Easily weldable/sealable—compatible with all common tube sealers and aseptic tube welders



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|--------------------------|------|----------|-------|
| 50119-73 | SEBS Tubing 1/16 X 3/16" | 50Ft | 39173290 | 10100 |
| 50119-74 | SEBS Tubing 1/8 X 1/4" | 50Ft | 39173290 | 13000 |
| 50119-75 | SEBS Tubing 3/16 X 5/16" | 50Ft | 39173290 | 14200 |
| 50119-76 | SEBS Tubing 1/4 X 1/2" | 50Ft | 39173290 | 27300 |
| 50119-77 | SEBS Tubing 3/8 X 5/8" | 50Ft | 39173290 | 36900 |
| 50119-78 | SEBS Tubing 3/16 X 7/16" | 50Ft | 39173290 | 11900 |
| 50119-79 | SEBS Tubing 1/4 X 3/8" | 50Ft | 39173290 | 15000 |
| 50119-80 | SEBS Tubing 1/4 X 7/16" | 50Ft | 39173290 | 20700 |
| 50119-81 | SEBS Tubing 1/2 X 3/4" | 50Ft | 39173290 | 50200 |

Cole-Parmer® Thermoplastic Vulcanizate (TPV)

The Cole-Parmer® Thermoplastic Vulcanizate (TPV) tubing is soft and flexible tubing that is durable enough to provide a long service life & available in industrial and pharma grade.

- 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
- This tubing is designed for use with peristaltic pumps. This TPV tubing does not contain PVC, DEHP, phthalates, or plasticizers



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|-------------------------|------|----------|--------|
| 50119-82 | TPV Tubing 1/16 X 3/16" | 50Ft | 39173290 | 27500 |
| 50119-83 | TPV Tubing 1/8 X 1/4" | 50Ft | 39173290 | 31700 |
| 50119-84 | TPV Tubing 3/16 X 5/16" | 50Ft | 39173290 | 32700 |
| 50119-85 | TPV Tubing 1/4 X 1/2" | 50Ft | 39173290 | 65300 |
| 50119-86 | TPV Tubing 3/8 X 5/8" | 50Ft | 39173290 | 64000 |
| 50119-87 | TPV Tubing 3/16 X 7/16" | 50Ft | 39173290 | 35300 |
| 50119-88 | TPV Tubing 1/4 X 3/8" | 50Ft | 39173290 | 38300 |
| 50119-89 | TPV Tubing 1/4 X 7/16" | 50Ft | 39173290 | 49800 |
| 50119-90 | TPV Tubing 1/2 X 3/4" | 50Ft | 39173290 | 76500 |
| 50115-73 | TPV Tubing 3/32 X 5/32" | 50Ft | 39173290 | 11100 |
| 50115-74 | TPV Tubing 3/32 X 7/32" | 50Ft | 39173290 | 15700 |
| 50115-75 | TPV Tubing 5/8 X 7/8" | 50Ft | 39173290 | 89600 |
| 50115-76 | TPV Tubing 1/16 X 1/8" | 50Ft | 39173290 | 10300 |
| 50115-77 | TPV Tubing 3/4 X 1" | 50Ft | 39173290 | 106000 |
| 50115-78 | TPV Tubing 1/16 X 3/16" | 50Ft | 39173290 | 11100 |

Tubing

Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|-------------------------|------|----------|--------|
| 50115-79 | TPV Tubing 1 X 1.25" | 50Ft | 39173290 | 143000 |
| 50115-80 | TPV Tubing 1/8 X 3/16" | 50Ft | 39173290 | 13400 |
| 50115-81 | TPV Tubing 1/8 X 1/4" | 50Ft | 39173290 | 21500 |
| 50115-82 | TPV Tubing 3/16 X 1/4" | 50Ft | 39173290 | 21200 |
| 50115-83 | TPV Tubing 3/16 X 5/16" | 50Ft | 39173290 | 25000 |
| 50115-84 | TPV Tubing 3/16 X 3/8" | 50Ft | 39173290 | 34800 |
| 50115-85 | TPV Tubing 1/4 X 3/8" | 50Ft | 39173290 | 25500 |
| 50115-86 | TPV Tubing 1/4 X 7/16" | 50Ft | 39173290 | 31100 |
| 50115-87 | TPV Tubing 1/4 X 1/2" | 50Ft | 39173290 | 34700 |
| 50115-88 | TPV Tubing 5/16 X 7/16" | 50Ft | 39173290 | 28400 |
| 50115-89 | TPV Tubing 5/16 X 1/2" | 50Ft | 39173290 | 31600 |
| 50115-90 | TPV Tubing 3/8 X 5/8" | 50Ft | 39173290 | 68100 |
| 50115-91 | TPV Tubing 3/8 X 1/2" | 50Ft | 39173290 | 33200 |
| 50115-92 | TPV Tubing 3/8 X 9/16" | 50Ft | 39173290 | 44100 |
| 50115-93 | TPV Tubing 1/2 X 5/8" | 50Ft | 39173290 | 57700 |
| 50115-94 | TPV Tubing 1/2 X 3/4" | 50Ft | 39173290 | 81000 |

Tygon® E-3603 Laboratory Tubing

Use the clear and flexible Tygon® E-3603 tubing for various general laboratory applications.

- This nonoxidizing and noncontaminating tubing offers excellent chemical resistance to virtually all organic chemicals used in the laboratory
- High tolerances and lot-to-lot consistency ensure reproducible results
- Tubing slips over fittings and grips tight for a secure fit, making laboratory setup quick and simple
- Abrasion and flex-fatigue resistant tubing provides superior life span



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|---------------------------|------|----------|-------|
| 50106-20 | Tubing E3603 1/32 X 3/32" | 50Ft | 39172990 | 1600 |
| 50106-21 | Tubing E3603 1/16 X 1/8" | 50Ft | 39172990 | 2600 |
| 50106-22 | Tubing E3603 1/16 X 3/16" | 50Ft | 39172990 | 6500 |
| 50106-23 | Tubing E3603 3/32 X 5/32" | 50Ft | 39172990 | 3300 |
| 50106-24 | Tubing E3603 3/32 X 7/32" | 50Ft | 39172990 | 8400 |
| 50106-25 | Tubing E3603 1/8 X 3/16" | 50Ft | 39172990 | 4100 |
| 50106-26 | Tubing E3603 1/8 X 1/4" | 50Ft | 39172990 | 9800 |
| 50106-27 | Tubing E3603 5/32 X 7/32" | 50Ft | 39173290 | 5000 |
| 50106-28 | Tubing E3603 3/16 X 5/16" | 50Ft | 39172990 | 13700 |
| 50106-29 | Tubing E3603 3/16 X 3/8" | 50Ft | 39172990 | 21900 |
| 50106-30 | Tubing E3603 1/4 X 3/8" | 50Ft | 39173290 | 16600 |
| 50106-31 | Tubing E3603 1/4 X 7/16" | 50Ft | 39172990 | 26600 |
| 50106-32 | Tubing E3603 1/4 X 1/2" | 50Ft | 39172990 | 32200 |
| 50106-33 | Tubing E3603 5/16 X 7/16" | 50Ft | 39173290 | 19200 |
| 50106-34 | Tubing E3603 5/16 X 1/2" | 50Ft | 39172990 | 28000 |
| 50106-35 | Tubing E3603 5/16 X 9/16" | 50Ft | 39172990 | 33500 |

Tubing

Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|---------------------------|------|----------|--------|
| 50106-36 | Tubing E3603 3/8 X 1/2" | 50Ft | 39173290 | 22200 |
| 50106-37 | Tubing E3603 3/8 X 9/16" | 50Ft | 39172990 | 28700 |
| 50106-38 | Tubing E3603 3/8 X 5/8" | 50Ft | 39172990 | 41500 |
| 50106-39 | Tubing E3603 7/16 X 9/16" | 50Ft | 39172990 | 26200 |
| 50106-40 | Tubing E3603 1/2 X 5/8" | 50Ft | 39173290 | 27100 |
| 50106-41 | Tubing E3603 1/2 X 11/16" | 50Ft | 39172990 | 37600 |
| 50106-42 | Tubing E3603 1/2 X 3/4" | 50Ft | 39172990 | 51200 |
| 50106-43 | Tubing E3603 1/2 X 13/16" | 50Ft | 39172990 | 64000 |
| 50106-44 | Tubing E3603 5/8 X 13/16" | 50Ft | 39172990 | 44800 |
| 50106-45 | Tubing E3603 5/8 X 7/8" | 50Ft | 39172990 | 58400 |
| 50106-46 | Tubing E3603 3/4 X 1" | 50Ft | 39172990 | 65900 |
| 50106-47 | Tubing E3603 3/4 X 1-1/8" | 50Ft | 39172990 | 103000 |
| 50106-48 | Tubing E3603 1 X 1-1/4" | 50Ft | 39172990 | 82400 |
| 50106-49 | Tubing E3603 1 X 1-1/2" | 50Ft | 39172990 | 183000 |

Cole-Parmer® PVC Lab and Vacuum Tubing

Cole-Parmer® PVC Lab and Vacuum Tubing redefines liquid and gas transfer solutions

- Tailored for versatility, it caters to a wide spectrum of industry needs, seamlessly integrating into applications ranging from peristaltic pumps to analytical instruments. It is an excellent alternative to latex and silicone tubing
- In laboratory settings, PVC tubing serves diverse purposes due to good chemical resistance
- It facilitates chemical transfer for safe handling of corrosive substances, connects vacuum systems for filtration and desiccation, and enables water circulation for cooling/heating applications



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|-----------------------------|------|----------|-------|
| 50120-97 | PVC Lab Tubing 1/8 X 1/4" | 50Ft | 39174000 | 9400 |
| 50120-98 | PVC Lab Tubing 1/4 X 3/8" | 50Ft | 39174000 | 13900 |
| 50120-99 | PVC Lab Tubing 1/4 X 7/16" | 50Ft | 39174000 | 22000 |
| 50121-00 | PVC Lab Tubing 5/16 X 7/16" | 50Ft | 39174000 | 16500 |
| 50121-01 | PVC Lab Tubing 5/16 X 1/2" | 50Ft | 39174000 | 24800 |
| 50121-02 | PVC Lab Tubing 3/8 X 1/2" | 50Ft | 39174000 | 18600 |
| 50121-03 | PVC Lab Tubing 3/8 X 9/16" | 50Ft | 39174000 | 29700 |
| 50121-04 | PVC Lab Tubing 3/8 X 5/8" | 50Ft | 39174000 | 43700 |
| 50121-05 | PVC Lab Tubing 1/2 X 5/8" | 50Ft | 39174000 | 25400 |
| 50121-06 | PVC Lab Tubing 1/2 X 3/4" | 50Ft | 39174000 | 52700 |
| 50121-07 | PVC Lab Tubing 3/4 X 1" | 50Ft | 39174000 | 77500 |
| 50121-08 | PVC Lab Tubing 1 X 1-1/4" | 50Ft | 39174000 | 97600 |
| 50121-09 | PVC Lab Tubing 2 X 4 MM | 15M | 39174000 | 5200 |
| 50121-10 | PVC Lab Tubing 3 X 5 MM | 15M | 39174000 | 6100 |
| 50121-11 | PVC Lab Tubing 4 X 6 MM | 15M | 39174000 | 12300 |
| 50121-12 | PVC Lab Tubing 5 X 8 MM | 15M | 39174000 | 14100 |

Tubing

Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|--------------------------------|------|----------|--------|
| 50121-13 | PVC Lab Tubing 6 X 9 MM | 15M | 39174000 | 29800 |
| 50121-14 | PVC Lab Tubing 8 X 12 MM | 15M | 39174000 | 51500 |
| 50121-15 | PVC Lab Tubing 1/8 X 3/16" | 50Ft | 39174000 | 7000 |
| 50121-16 | PVC Lab Tubing 1/16 X 1/8" | 50Ft | 39174000 | 4100 |
| 50121-17 | PVC Lab Tubing 3/32 X 5/32" | 50Ft | 39174000 | 5800 |
| 50121-18 | PVC Vacuum Tubing 3/16 X 9/16" | 50Ft | 39174000 | 80000 |
| 50121-19 | PVC Vacuum Tubing 1/4 X 5/8" | 50Ft | 39174000 | 86600 |
| 50121-20 | PVC Vacuum Tubing 3/8 X 7/8" | 50Ft | 39174000 | 144000 |
| 50121-21 | PVC Vacuum Tubing 1/2 X 1-1/8" | 50Ft | 39174000 | 187000 |

Cole-Parmer® Black TPE Tubing

Cole-Parmer® TPE tubing is a high-performance industrial tubing manufactured from a thermoplastic elastomeric compound that consistently outperforms neoprene, EPDM and other general purpose rubber tubing.

- Safely transfer chemicals and caustic solutions including disinfectants, soap, and ink
- Won't crack or weaken—ensure longer pump life in demanding applications
- Engineered to resist abrasion and weathering
- Can withstand extreme temperatures from -75°F to 275°F (-60 to 135°C)



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|-------------------------------|------|----------|-------|
| 50121-22 | TPE Black Tubing 1/8 X 1/4" | 25Ft | 39173100 | 3000 |
| 50121-23 | TPE Black Tubing 3/16 X 5/16" | 25Ft | 39173290 | 3100 |
| 50121-24 | TPE Black Tubing 3/16 X 3/8" | 25Ft | 39173290 | 4900 |
| 50121-25 | TPE Black Tubing 1/4 X 3/8" | 25Ft | 39173100 | 6000 |
| 50121-26 | TPE Black Tubing 1/4 X 7/16" | 25Ft | 39173290 | 6000 |
| 50121-27 | TPE Black Tubing 1/4 X 1/2" | 25Ft | 39173290 | 8600 |
| 50121-28 | TPE Black Tubing 3/8 X 1/2" | 25Ft | 39173290 | 8400 |
| 50121-29 | TPE Black Tubing 3/8 X 5/8" | 25Ft | 39173290 | 11500 |
| 50121-30 | TPE Black Tubing 1/2 X 5/8" | 25Ft | 39173290 | 7600 |
| 50121-31 | TPE Black Tubing 1/2 X 3/4" | 25Ft | 39173290 | 13700 |
| 50121-32 | TPE Black Tubing 5/8 X 13/16" | 25Ft | 39173290 | 15200 |
| 50121-33 | TPE Black Tubing 1/8 X 3/8" | 25Ft | 39173290 | 5900 |

Cole-Parmer® PVC Fuel and Lubricant Tubing

Cole-Parmer® PVC Fuel and Lubricant tubing is the ideal transfer tubing for kerosene, gasoline, oils, cutting compounds, and other chemicals and petrochemicals.

- Resist hydrocarbons, avoid swelling, and reduce cracking
- Protects against leaching and product contamination
- These fuel line hoses are flexible enough to allow for fast, simple installation in even the tightest areas, and maintain this flexibility over time to reduce failure due to cracking and leaking



Tubing

Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|--------------------------------------|------|----------|-------|
| 50121-34 | Fuel & Lubricant Tubing 0.08 X 0.14 | 25Ft | 39173290 | 3300 |
| 50121-35 | Fuel & Lubricant Tubing 1/8 X 1/4" | 25Ft | 39173290 | 4800 |
| 50121-36 | Fuel & Lubricant Tubing 3/16 X 5/16" | 25Ft | 39173290 | 7000 |
| 50121-37 | Fuel & Lubricant Tubing 1/4 X 3/8" | 25Ft | 39173290 | 8700 |
| 50121-38 | Fuel & Lubricant Tubing 5/16 X 7/16" | 25Ft | 39173290 | 10300 |
| 50121-39 | Fuel & Lubricant Tubing 3/8 X 1/2" | 25Ft | 39173290 | 12300 |
| 50121-40 | Fuel & Lubricant Tubing 7/16 X 9/16" | 25Ft | 39173290 | 13900 |
| 50121-41 | Fuel & Lubricant Tubing 1/2 X 3/4" | 25Ft | 39173290 | 28200 |

Cole-Parmer® Food, Milk, and Dairy Tubing

Cole-Parmer® Food, Milk, and Dairy Tubing is non-toxic, taste-free and odor-free, and meets all applicable regulatory standards for use in food, dairy and milk applications

- Crystal clear for visual inspection and flow monitoring
- Non-toxic, odor-free, and taste-free
- Smooth, non-porous and flexible tubing promotes a sanitary fluid path
- Producers of food, milk and dairy products require the dependable performance of this tubing in countless filling, draining, transfer and processing applications



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|--------------------------------|------|----------|-------|
| 50121-50 | Food/Dairy Tubing 1/16 X 1/8" | 50Ft | 39173100 | 2200 |
| 50121-51 | Food/Dairy Tubing 3/32 X 5/32" | 50Ft | 39173100 | 2800 |
| 50121-52 | Food/Dairy Tubing 1/8 X 3/16" | 50Ft | 39173100 | 3400 |
| 50121-53 | Food/Dairy Tubing 1/8 X 1/4" | 50Ft | 39173100 | 8100 |
| 50121-54 | Food/Dairy Tubing 3/16 X 5/16" | 50Ft | 39173100 | 11200 |
| 50121-55 | Food/Dairy Tubing 3/16 X 1/4" | 50Ft | 39173100 | 4700 |
| 50121-56 | Food/Dairy Tubing 3/16 X 7/16" | 50Ft | 39173100 | 24700 |
| 50121-57 | Food/Dairy Tubing 1/4 X 3/8" | 50Ft | 39173290 | 13600 |
| 50121-58 | Food/Dairy Tubing 1/4 X 7/16" | 50Ft | 39173290 | 22000 |
| 50121-59 | Food/Dairy Tubing 1/4 X 1/2" | 50Ft | 39173290 | 26600 |
| 50121-60 | Food/Dairy Tubing 5/16 X 7/16" | 50Ft | 39173290 | 15800 |
| 50121-61 | Food/Dairy Tubing 5/16 X 1/2" | 50Ft | 39173290 | 23000 |
| 50121-62 | Food/Dairy Tubing 5/16 X 9/16" | 50Ft | 39173290 | 27700 |
| 50121-63 | Food/Dairy Tubing 3/8 X 1/2" | 50Ft | 39173290 | 18400 |
| 50121-64 | Food/Dairy Tubing 3/8 X 9/16" | 50Ft | 39173290 | 23600 |
| 50121-65 | Food/Dairy Tubing 3/8 X 5/8" | 50Ft | 39173290 | 34200 |
| 50121-66 | Food/Dairy Tubing 7/16 X 9/16" | 50Ft | 39173290 | 21600 |
| 50121-67 | Food/Dairy Tubing 1/2 X 5/8" | 50Ft | 39173290 | 22200 |
| 50121-68 | Food/Dairy Tubing 1/2 X 11/16" | 50Ft | 39173290 | 30900 |
| 50121-69 | Food/Dairy Tubing 1/2 X 3/4" | 50Ft | 39173100 | 42200 |
| 50121-70 | Food/Dairy Tubing 5/8 X 13/16" | 50Ft | 39173100 | 36800 |
| 50121-71 | Food/Dairy Tubing 5/8 X 7/8" | 50Ft | 39173100 | 48000 |
| 50121-72 | Food/Dairy Tubing 5/8 X 15/16" | 50Ft | 39173100 | 58800 |
| 50121-73 | Food/Dairy Tubing 3/4 X 1" | 50Ft | 39173100 | 54200 |

Tubing

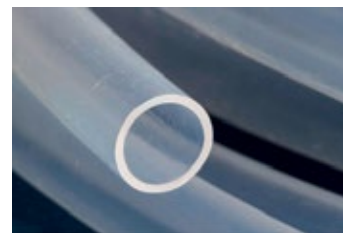
Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|--------------------------------|------|----------|--------|
| 50121-74 | Food/Dairy Tubing 3/4 X 1-1/4" | 50Ft | 39173100 | 120000 |
| 50121-75 | Food/Dairy Tubing 3/4 X 1-1/8" | 50Ft | 39173100 | 84700 |
| 50121-76 | Food/Dairy Tubing 7/8 X 1-1/8" | 50Ft | 39173100 | 60400 |
| 50121-77 | Food/Dairy Tubing 1 X 1-1/4" | 50Ft | 39173100 | 67900 |
| 50121-78 | Food/Dairy Tubing 1 X 1-3/8" | 50Ft | 39173100 | 107000 |
| 50121-79 | Food/Dairy Tubing 1 X 1-1/2" | 50Ft | 39173100 | 150000 |
| 50121-80 | Food/Dairy Tubing 1.25 X 1.5" | 50Ft | 39173100 | 82800 |
| 50121-81 | Food/Dairy Tubing 1-1/2 X 2" | 50Ft | 39173100 | 210000 |
| 50121-82 | Food/Dairy Tubing 1.75 X 2.25" | 50Ft | 39173100 | 236000 |
| 50121-83 | Food/Dairy Tubing 2 X 2-1/2" | 50Ft | 39173100 | 281000 |

Cole-Parmer® FEP Tubing

Chemically inert, thermal-resistant rigid tubing with optical clarity. Use the Cole-Parmer FEP fluoropolymer tubing in pharmaceutical, food, and laboratory applications.

- Made of 100% virgin-grade fluorinated ethylene propylene (FEP)
- Excellent chemical and thermal resistance
- The nonstick property and low permeability help reduce the absorption/adsorption of fluids, minimizing the risk of fluid contamination



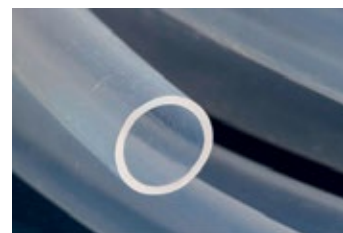
Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|-------------------------|------|----------|-------|
| 50119-15 | FEP Tubing 1/16 X 1/8" | 50Ft | 39173290 | 12500 |
| 50119-16 | FEP Tubing 3/32 X 5/32" | 50Ft | 39173290 | 17400 |
| 50119-17 | FEP Tubing 1/8 X 3/16" | 50Ft | 39173290 | 21000 |
| 50119-18 | FEP Tubing 1/8 X 1/4" | 50Ft | 39173990 | 36000 |
| 50119-19 | FEP Tubing 3/16 X 1/4" | 50Ft | 39173290 | 22500 |
| 50119-20 | FEP Tubing 1/4 X 5/32" | 50Ft | 39173290 | 30900 |
| 50119-23 | FEP Tubing 7/16 X 1/2" | 50Ft | 39173290 | 48800 |
| 50119-24 | FEP Tubing 1/2 X 9/16" | 50Ft | 39173290 | 63100 |

Cole-Parmer® PFA Tubing

The Cole-Parmer PFA tubing, made from ultra-high purity perfluoroalkoxy, is specifically designed to handle harsh chemicals and ultra-high purity applications.

- Smooth, nonstick surface finish and low permeability result in reduced absorption/adsorption of fluids, minimizing the risk of fluid contamination
- Does not contain BPA, phthalates, or PVC
- Translucent tubing makes it easy to view your fluid for sight gauge and flow applications



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|-------------------------|------|----------|-------|
| 50119-35 | PFA Tubing 1/16 X 1/8" | 50Ft | 39173990 | 17400 |
| 50119-36 | PFA Tubing 3/32 X 5/32" | 50Ft | 39173990 | 23200 |
| 50119-37 | PFA Tubing 1/8 X 3/16" | 50Ft | 39173990 | 26700 |

Tubing

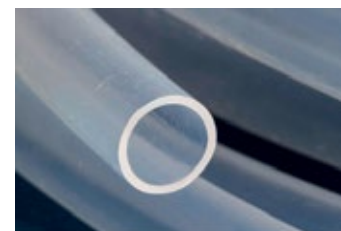
Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|------------------------|------|----------|-------|
| 50119-38 | PFA Tubing 1/8 X 1/4" | 50Ft | 39173990 | 51300 |
| 50119-39 | PFA Tubing 3/16 X 1/4" | 50Ft | 39173990 | 30600 |
| 50119-40 | PFA Tubing 1/4 X 5/32" | 50Ft | 39173990 | 42400 |
| 50119-43 | PFA Tubing 7/16 X 1/2" | 50Ft | 39173990 | 30600 |
| 50119-44 | PFA Tubing 1/2 X 9/16" | 50Ft | 39173990 | 84500 |

Cole-Parmer® PTFE Tubing

A wide operating temperature range, superior chemical resistance, and excellent corrosion resistance make PTFE tubing ideal for use in extreme environments.

- Lowest coefficient of friction of any tubing
- Excellent flexibility
- Does not contain BPA, phthalates, or PVC
- PTFE tubing is more flexible than all other tubing in its class, reducing the chances of cracks from bending



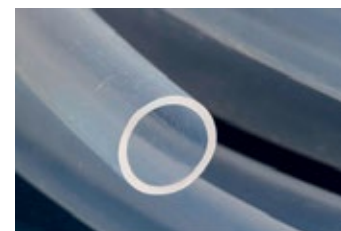
Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|-------------------------|------|----------|-------|
| 50119-45 | PTFE Tubing 1/16 X 1/8" | 50Ft | 39173290 | 12500 |
| 50119-47 | PTFE Tubing 1/8 X 3/16" | 50Ft | 39173290 | 23100 |
| 50119-48 | PTFE Tubing 1/8 X 1/4" | 50Ft | 39173290 | 46700 |
| 50119-49 | PTFE Tubing 3/16 X 1/4" | 50Ft | 39173290 | 23400 |
| 50119-50 | PTFE Tubing 1/4 X 5/32" | 50Ft | 39173290 | 40500 |
| 50119-53 | PTFE Tubing 7/16 X 1/2" | 50Ft | 39173290 | 73900 |

Cole-Parmer® PVDF Tubing

With low extractable levels, high mechanical strength, and excellent abrasion and chemical resistance, PVDF tubing is an ideal choice for many critical fluid handling applications.

- USP Class VI compliant
- Tubing does not contain BPA, phthalates, or PVC that can leach out into the fluid, minimizing the risk of fluid contamination



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|-------------------------|------|----------|-------|
| 50119-25 | PVDF Tubing 1/16 X 1/8" | 50Ft | 39173990 | 10500 |
| 50119-27 | PVDF Tubing 1/8 X 3/16" | 50Ft | 39173990 | 15600 |
| 50119-28 | PVDF Tubing 1/8 X 1/4" | 50Ft | 39173990 | 23400 |
| 50119-29 | PVDF Tubing 3/16 X 1/4" | 50Ft | 39173990 | 16000 |
| 50119-30 | PVDF Tubing 1/4 X 5/32" | 50Ft | 39173990 | 21000 |

Fittings



Threaded to Hose Barb Fittings

- Manufactured in an ISO Class 7 certified cleanroom to minimize contamination by pollutants
- Ideal for general-purpose, laboratory, and single-use applications to connect tubing with the rest of your system
- PVC-free—ideal for use in bioprocess, life science, and pharmaceutical industries
- Quick and easy assembly without tools



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|-----------------------------|-------|----------|-------|
| 50107-60 | Thread X Barb PP 1/8" | 10/Pk | 39174000 | 1500 |
| 50107-63 | Thread X Barb PP 3/4" | 10/Pk | 39174000 | 1800 |
| 50107-73 | Thread X Barb PP 1/8 X 1/8" | 10/Pk | 39174000 | 1500 |
| 50107-84 | Thread X Barb PP 1/4 X 1/4" | 10/Pk | 39174000 | 1500 |
| 50107-89 | Thread X Barb PP 1/4 X 1/2" | 10/Pk | 39174000 | 1500 |
| 50107-95 | Thread X Barb PP 3/8 X 3/8" | 10/Pk | 39174000 | 1700 |
| 50108-05 | Thread X Barb PP 1/2 X 3/8" | 10/Pk | 39174000 | 1800 |
| 50108-08 | Thread X Barb PP 1/2 X 1/2" | 10/Pk | 39174000 | 1700 |

Barb Fittings

- Barbed fittings provide easy tubing assembly without the use of tools
- Slip your flexible tubing or hose onto the barb to create a seal that typically holds pressures up to 30 psi (2 bar)
- Our barb fittings are available in a variety of sizes, materials, and configurations from straight connectors to threaded adapter elbows to branched tees



Fittings

Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|-------------------------------|-------|----------|-------|
| 50108-11 | Barb Union PP 3/32" ID | 10/Pk | 39174000 | 1300 |
| 50108-14 | Barb Union PP 5/8" ID | 10/Pk | 39174000 | 2100 |
| 50108-18 | Barb Union PP 1/16" ID | 10/Pk | 39174000 | 1300 |
| 50108-20 | Barb Union PP 3/4" ID | 10/Pk | 39174000 | 3000 |
| 50108-22 | Barb Union PP 1" ID | 10/Pk | 39174000 | 2600 |
| 50108-23 | Barb Union PP Oversized 1" ID | 10/Pk | 39174000 | 2900 |
| 50108-26 | Barb Union PP 5/32" ID | 10/Pk | 39174000 | 2000 |
| 50108-29 | Barb Union PP 1/8" ID | 10/Pk | 39174000 | 1600 |
| 50108-33 | Barb Union PP 3/16" ID | 10/Pk | 39174000 | 2000 |
| 50108-36 | Barb Union PP 1/4" ID | 10/Pk | 39174000 | 1500 |
| 50108-38 | Barb Union PP 5/16" ID | 10/Pk | 39174000 | 2100 |
| 50108-43 | Barb Union PP 3/8" ID | 10/Pk | 39174000 | 1500 |
| 50108-46 | Barb Union PP 1/2" ID | 10/Pk | 39174000 | 2200 |
| 50108-49 | Barb Reducer PP 3/32 X 1/16" | 10/Pk | 39174000 | 1500 |
| 50108-51 | Barb Reducer PP 5/8 X 1/4" | 10/Pk | 39174000 | 2000 |
| 50108-53 | Barb Reducer PP 5/8 X 5/16" | 10/Pk | 39174000 | 2000 |
| 50108-55 | Barb Reducer PP 5/8 X 3/8" | 10/Pk | 39174000 | 2000 |
| 50108-57 | Barb Reducer PP 5/8 X 1/2" | 10/Pk | 39174000 | 2000 |
| 50108-59 | Barb Reducer PP 3/4 X 3/8" | 10/Pk | 39174000 | 2300 |
| 50108-61 | Barb Reducer PP 3/4 X 1/2" | 10/Pk | 39174000 | 2400 |
| 50108-63 | Barb Reducer PP 1 X 5/8" | 10/Pk | 39174000 | 2800 |
| 50108-65 | Barb Reducer PP 1 X 3/4" | 10/Pk | 39174000 | 2500 |
| 50108-67 | Barb Reducer PP 1 X 1/2" | 10/Pk | 39174000 | 3000 |
| 50108-70 | Barb Reducer PP 5/32 X 3/32" | 10/Pk | 39174000 | 1700 |
| 50108-74 | Barb Reducer PP 5/32 X 1/8" | 10/Pk | 39174000 | 1900 |
| 50108-77 | Barb Reducer PP 1/8 X 3/32" | 10/Pk | 39174000 | 1500 |
| 50108-81 | Barb Reducer PP 1/8 X 1/16" | 10/Pk | 39174000 | 1500 |
| 50108-82 | Barb Reducer PP 3/16 X 3/32" | 10/Pk | 39174000 | 1700 |
| 50108-85 | Barb Reducer PP 3/16 X 1/16" | 10/Pk | 39174000 | 1700 |
| 50108-88 | Barb Reducer PP 3/16 X 1/8" | 10/Pk | 39174000 | 2000 |
| 50108-90 | Barb Reducer PP 1/4 X 3/32" | 10/Pk | 39174000 | 2600 |
| 50108-92 | Barb Reducer PP 1/4 X 1/16" | 10/Pk | 39174000 | 2500 |
| 50108-95 | Barb Reducer PP 1/4 X 5/32" | 10/Pk | 39174000 | 2000 |
| 50108-99 | Barb Reducer PP 1/4 X 1/8" | 10/Pk | 39174000 | 2100 |
| 50109-02 | Barb Reducer PP 1/4 X 3/16" | 10/Pk | 39174000 | 2000 |
| 50109-04 | Barb Reducer PP 5/16 X 5/32" | 10/Pk | 39174000 | 2000 |
| 50109-05 | Barb Reducer PP 5/16 X 1/8" | 10/Pk | 39174000 | 2000 |
| 50109-07 | Barb Reducer PP 5/16 X 3/16" | 10/Pk | 39174000 | 1600 |
| 50109-10 | Barb Reducer PP 5/16 X 1/4" | 10/Pk | 39174000 | 2000 |
| 50109-12 | Barb Reducer PP 3/8 X 5/32" | 10/Pk | 39174000 | 2000 |
| 50109-14 | Barb Reducer PP 3/8 X 1/8" | 10/Pk | 39174000 | 2100 |
| 50109-17 | Barb Reducer PP 3/8 X 1/4" | 10/Pk | 39174000 | 2300 |
| 50109-19 | Barb Reducer PP 3/8 X 5/16" | 10/Pk | 39174000 | 2100 |
| 50109-21 | Barb Reducer PP 1/2 X 1/4" | 10/Pk | 39174000 | 2400 |
| 50109-23 | Barb Reducer PP 1/2 X 5/16" | 10/Pk | 39174000 | 2000 |

Fittings

Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|----------------------------|-------|----------|-------|
| 50109-25 | Barb Reducer PP 1/2 X 3/8" | 10/Pk | 39174000 | 2400 |
| 50110-83 | Hose Barb TEE PP 3/32" | 10/Pk | 39174000 | 1800 |
| 50110-86 | Hose Barb TEE PP 5/8" | 10/Pk | 39174000 | 2600 |
| 50110-89 | Hose Barb TEE PP 1/16" | 10/Pk | 39174000 | 1800 |
| 50110-91 | Hose Barb TEE PP 3/4" | 10/Pk | 39174000 | 3000 |
| 50110-93 | Hose Barb TEE PP 1" | 10/Pk | 39174000 | 2600 |
| 50110-96 | Hose Barb TEE PP 5/32" | 10/Pk | 39174000 | 1900 |
| 50110-99 | Hose Barb TEE PP 1/8" | 10/Pk | 39174000 | 1600 |
| 50111-03 | Hose Barb TEE PP 3/16" | 10/Pk | 39174000 | 1900 |
| 50111-07 | Hose Barb TEE PP 1/4" | 10/Pk | 39174000 | 1900 |
| 50111-09 | Hose Barb TEE PP 5/16" | 10/Pk | 39174000 | 1900 |
| 50111-14 | Hose Barb TEE PP 3/8" | 10/Pk | 39174000 | 1900 |
| 50111-17 | Hose Barb TEE PP 1/2" | 10/Pk | 39174000 | 2400 |
| 50111-20 | Hose Barb Y PP 3/32" | 10/Pk | 39174000 | 2200 |
| 50111-23 | Hose Barb Y PP 5/8" | 10/Pk | 39174000 | 5600 |
| 50111-25 | Hose Barb Y PP 3/4" | 10/Pk | 39174000 | 5600 |
| 50111-27 | Hose Barb Y PP 1" | 10/Pk | 39174000 | 6800 |
| 50111-30 | Hose Barb Y PP 1/16" | 10/Pk | 39174000 | 2200 |
| 50111-32 | Hose Barb Y PP 5/32" | 10/Pk | 39174000 | 3400 |
| 50111-35 | Hose Barb Y PP 1/8" | 10/Pk | 39174000 | 2200 |
| 50111-39 | Hose Barb Y PP 3/16" | 10/Pk | 39174000 | 3400 |
| 50111-42 | Hose Barb Y PP 1/4" | 10/Pk | 39174000 | 4000 |
| 50111-45 | Hose Barb Y PP 5/16" | 10/Pk | 39174000 | 4000 |
| 50111-49 | Hose Barb Y PP 3/8" | 10/Pk | 39174000 | 4000 |
| 50111-53 | Hose Barb Y PP 1/2" | 10/Pk | 39174000 | 4200 |

Luer Fittings

- Luer fittings are available in 100% virgin raw materials, plastic and specialty plastic, and metal
- Premium raw material luer fittings are free of contaminants and ideal for syringes or small tubing
- Plastic luer assemblies and specialty plastic luer fittings are designed for many applications with small tubing
- Metal luer fittings, stopcocks, and manifolds are durable for harsh chemical environments and provide worry-free cleaning and easy disassembly
- Choose from a range of sizes with a variety of connection options



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|---|-------|----------|-------|
| 50109-30 | Luer to Barb, Straight Adapter 3/16" PP | 10/Pk | 39174000 | 3300 |
| 50109-35 | Luer to Barb, Straight Adapter 1/4" PP | 10/Pk | 39174000 | 2900 |
| 50109-40 | Luer to Barb, Straight Adapter 5/16" PP | 10/Pk | 39174000 | 2900 |
| 50109-45 | Luer to Plug fitting, Straight Adapter PP | 10/Pk | 39174000 | 2900 |
| 50109-70 | Luer to Barb, Straight Adapter 3/32" PP | 10/Pk | 39174000 | 1200 |
| 50109-75 | Luer to Barb, Straight Adapter 1/16" PP | 10/Pk | 39174000 | 1000 |

Tubing

Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|---|-------|----------|-------|
| 50109-80 | Luer to Barb, Straight Adapter 5/32" PP | 10/Pk | 39174000 | 1100 |
| 50109-85 | Luer to Barb, Straight Adapter 1/8" PP | 10/Pk | 39174000 | 1300 |
| 50109-90 | Luer to Barb, Straight Adapter 3/16" PP | 10/Pk | 39174000 | 1100 |
| 50109-95 | Luer to Barb, Straight Adapter 1/4" PP | 10/Pk | 39174000 | 1300 |
| 50110-06 | Male Luer X Barb PP 3/32" | 10/Pk | 39174000 | 1300 |
| 50110-11 | Male Luer X Barb PP 1/16" | 10/Pk | 39174000 | 920 |
| 50110-16 | Male Luer X Barb PP 5/32" | 10/Pk | 39174000 | 960 |
| 50110-21 | Male Luer X Barb PP 1/8" | 10/Pk | 39174000 | 1300 |
| 50110-26 | Male Luer X Barb PP 3/16" | 10/Pk | 39174000 | 1200 |
| 50110-31 | Male Luer X Barb PP 1/4" | 10/Pk | 39174000 | 1300 |

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



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|--|------|----------|-------|
| 15308-37 | Variable Area Flowmeter, Acrylic, Water, 20 mL, 1/8" Brass, with Valve | Each | 90261090 | 14800 |
| 15308-38 | Variable Area Flowmeter, Acrylic, Water, 70 mL, 1/8" Brass, with Valve | Each | 90261090 | 14800 |
| 15308-39 | Variable Area Flowmeter, Acrylic, Water, 100 mL, 1/8" Brass, with Valve | Each | 90261090 | 14800 |
| 15308-40 | Variable Area Flowmeter, Acrylic, Water, 175 mL, 1/8" Brass, with Valve | Each | 90261090 | 14800 |
| 15308-41 | Variable Area Flowmeter, Acrylic, Water, 450 mL, 1/8" Brass, with Valve | Each | 90261090 | 14800 |
| 15308-42 | Variable Area Flowmeter, Acrylic, Water, 700 mL, 1/8" Brass, with Valve | Each | 90261090 | 14800 |
| 15308-43 | Variable Area Flowmeter, Acrylic, Water, 1400 mL, 1/8" Brass, with Valve | Each | 90261090 | 14800 |

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.



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|-------------------------------|------|----------|-------|
| 50115-20 | Mini Valve Check PP 1/8"ID | Each | 84813000 | 480 |
| 50115-21 | Mini Valve Check PP 3/16"ID | Each | 84813000 | 630 |
| 50115-22 | Mini Valve Check PP 5/16"ID | Each | 84813000 | 630 |
| 50115-48 | Mini Valve Check PP 1/4"ID | Each | 39174000 | 630 |
| 50115-18 | Mini Valve Check NYLN 1/8"ID | Each | 84813000 | 790 |
| 50115-19 | Mini Valve Check NYLN 1/4"ID | Each | 84813000 | 790 |
| 50115-68 | Mini Valve Check NYLN 3/16"ID | Each | 39174000 | 790 |
| 50114-92 | Mini Valve Check PVDF 1/4"ID | Each | 39174000 | 1100 |
| 50115-23 | Mini Valve Check PVDF 3/16"ID | Each | 84813000 | 1100 |
| 50115-24 | Mini Valve Check PVDF 3/8"ID | Each | 84813000 | 1400 |
| 50115-57 | Mini Valve Check PVDF 1/8"ID | Each | 84813000 | 1100 |

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

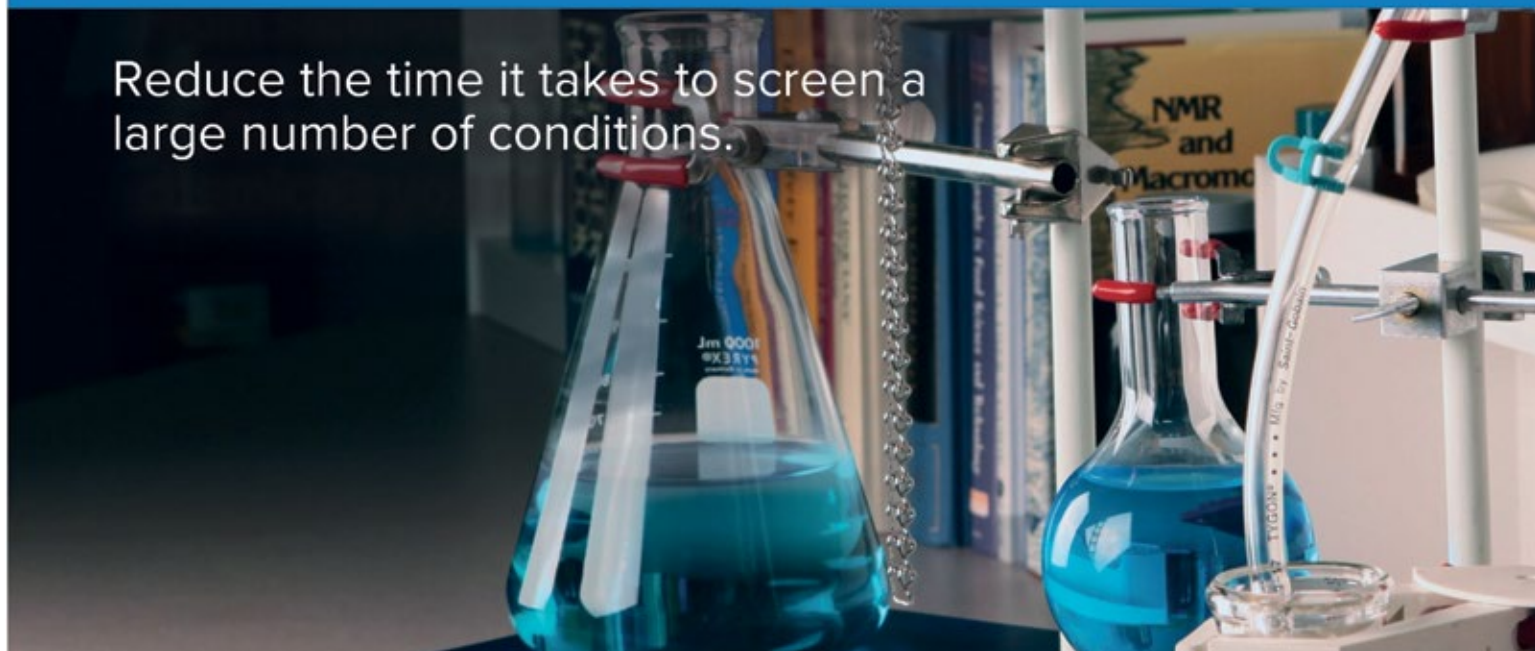
Laboratory Equipment



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

Reaction Stations

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



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

Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|-------------------------------|----------|---------|
| 36630-00 | Reaction Station Integrity 10 | 84798200 | 4198000 |
| 36630-97 | Reflux/Inert Head Intg 10 | 84799090 | 1627000 |
| 36630-95 | Cap Inerting Kimble 10/PK | 84199010 | 619000 |
| 36630-80 | Multitemp 10 Plugin Box | 84799090 | 525000 |
| 36630-82 | Thermocouple Probes 10/PK | 84799090 | 186000 |
| 36630-92 | Software Integrity 10 | 84799090 | 504000 |
| 36620-43 | Sample Concentrator 96 Well | 84199090 | 263000 |

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°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



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|-------------------------------|----------|---------|
| 36630-11 | Reaction Station 10x25mm 230V | 84798200 | 1003000 |

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Melting Point Apparatus

A melting point apparatus measures the exact temperature range where a solid turns to liquid, ensuring accurate purity and identification analysis.

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



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|---|----------|-------|
| 03011-41 | Digital Melting Point 240 V | 90278035 | 80400 |
| 03011-47 | Hi-Res Digital Melting Point Apparatus 230V | 90278090 | 95300 |

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



Melting Point Apparatus

- 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

Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|--|----------|--------|
| 03010-41 | Programmable Digital Melting Point Apparatus 100-240 V | 90278017 | 121000 |

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



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|---|----------|--------|
| 03011-48 | High-Temp, High-Res Digital Melting Point Apparatus 220 V | 90278017 | 574000 |
| 03011-49 | High-Temp, High-Res Digital Melting Point Apparatus 230 V | 84199010 | 291000 |

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



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|---|----------|--------|
| 03013-02 | Automatic Digital Melting Point Apparatus, 400° C | 84199010 | 605000 |

Hot Plates & Stirrers

From mini to multiposition to large-capacity, we have the model to meet your lab's stirring and heating needs.



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.

Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|---|----------|-------|
| 04807-62 | Undergrad Stirring Hot Plate Ceramic Digital 230 V | 84198990 | 65200 |
| 04807-64 | Undergrad Digital Stirring Hot Plate, 15 X 15 cms, Aluminum 230 V | 84198990 | 60000 |
| 04807-90 | Sct2 Temp Control F/Ug Hp/Shp | 84199090 | 32670 |
| 04805-91 | Support Rod for Hot Plates, Stirrers, Stirring Hot Plates | 84199010 | 3500 |

Hot Plates and Stirrers

Large-Capacity Hot Plates and Stirring Hot Plates

- Units are available with 30cm X 30cm (12" X 12") or 30cm X 50cm (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.



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|--|----------|--------|
| 04807-70 | Digital Stirring Hot Plate Ceramic 30 X 50cm 230 V | 84198995 | 247000 |
| 04807-76 | Digital Stirring Hot Plate Ceramic 30 X 30cm 230 V | 84798200 | 356000 |

Multiposition Stirring Hot Plates

- Three independent stirring or heating/stirring positions yet only measures 23⁵/₈"L X 10⁵/₈"W (60cm X 27cm)
- 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.



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|----------------------------|----------|--------|
| 51600-08 | Stir/HP 3-Place 230 V 50Hz | 84198995 | 151000 |

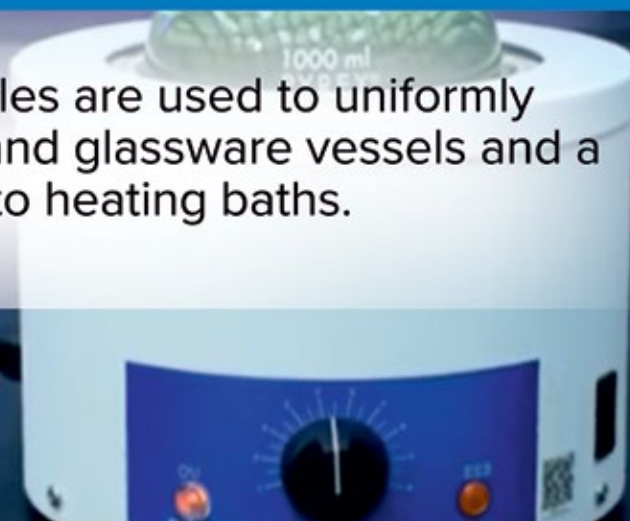
Looking for Accessories?

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

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



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.

Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|----------------------------|----------|--------|
| 36002-14 | Heating Mantle 500mL 230 V | 84199095 | 107000 |
| 36002-18 | Heating Mantle 1L 230 V | 84199095 | 108000 |
| 36002-22 | Heating Mantle 2L 230 V | 84199095 | 178000 |

HM-200 Flask/Funnel Heating Mantle

Opening in base accommodates a wide variety of flasks and 60° funnels

- Ceramic fiber insulation keeps cool
- Built-in power controller offers convenience
- Chemical-resistant polypropylene housing



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|--|----------|--------|
| 36101-15 | Flask/Funnel Heating Mantle with SS liner, 2L to 5L, 230 V | 84198990 | 145000 |
| 36104-25 | Flask/Funnel Heating Mantle, 500mL to 1L, 230 V | 84198990 | 111000 |

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.

Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|-------------------------------------|----------|--------|
| 04641-35 | Stirring/Heating Mantle 500mL 230 V | 84198998 | 181000 |
| 04641-45 | Stirring/Heating Mantle 1L 230 V | 84198998 | 184000 |
| 04641-50 | Stirring/Heating Mantle, 2L 115 V | 84798200 | 257000 |

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.

Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|--|----------|--------|
| 36204-15 | Digi-Kit Stirring/Heating Kit, 100 to 250mL, 230 V | 84798200 | 781000 |

Block Heaters

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

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.



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|-------------------------------------|----------|--------|
| 36610-01 | Analog 2-Block Heater, 130°C, 230 V | 84198995 | 142000 |

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)



Block Heaters

Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|--------------------------------------|----------|--------|
| 36610-11 | Digital 2-Block Heater, 130°C, 230 V | 84198990 | 195000 |
| 36610-13 | Digital 3-Block Heater, 130°C, 230 V | 84198990 | 197000 |
| 36610-21 | Digital 2-Block Heater, 200°C, 230V | 84798999 | 191000 |
| 36610-23 | Digital 3-Block Heater, 200°C, 230 V | 84198990 | 195000 |

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.



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|---|----------|--------|
| 36610-31 | Dual Control Digital 2-Block Heater, 130°C 230 V | 84198995 | 300000 |
| 36610-32 | Dual Control Digital 2-Block Heater, 200°C, 230 V | 84198990 | 257000 |

BH-250 Series Dry-Block Heaters

- Precision-engineered heaters with excellent temperature accuracy
- Versatile range of interchangeable heating blocks work with many size sample tubes and plates
- Take up less storage space—lightweight and flat-top surface allow units to be stacked when not in use

Use these heaters as a dry, constant temperature source for various lab and research applications.

All models have independent indicator lights to show main power, heater action, and over-temperature cut out.



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|---|----------|--------|
| 36620-00 | Dry-Block Digital Block Heater, Dual Insert, 100°C, 230 V | 84199010 | 210000 |
| 36620-02 | Dry-Block Digital Block Heater with Twin Control, Dual Insert 230 V | 84199010 | 304000 |
| 36620-04 | Dry-Block Digital Block Heater, Triple Insert, 100°C, 230 V | 84199010 | 314000 |
| 36620-06 | Dry-Block Digital Block Heater, Triple Insert, 100°C, 230 V | 84199010 | 235000 |
| 36620-08 | Dry-Block Digital Block Heater, Dual Insert, 200°C, 230 V | 84199010 | 124000 |
| 36620-10 | Dry-Block Digital Block Heater, Triple Insert, 200°C, 230 V | 84199010 | 198000 |

Ultrasonic Processors

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

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

Processors are microprocessor controlled and feature automatic tuning to eliminate the need for constant adjustment. The digital wattmeter displays the amount of power delivered to the probe. The variable power output control allows the ultrasonic vibrations at the probe tip to be set to any desired amplitude.

Applications

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

Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|----------------------------|----------|--------|
| 04714-51 | Ultrasonic Processor 220 V | 84798200 | 561000 |



Ultrasonic Processors

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



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|---------------------------------|----------|--------|
| 04711-75 | Processor Ultrasonic 500W 230 V | 84798200 | 655000 |

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



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|---------------------------------|----------|--------|
| 04711-35 | Processor Ultrasonic 500W 230 V | 84798200 | 790000 |
| 04711-45 | Processor Ultrasonic 750W 230 V | 84798200 | 833000 |

Our Service Support



Qualification
Documentation



Installation Service



Buy-Back Program

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

Sample Preparation

At the heart of every successful experiment is the quality of your sample preparation. We offer a wide array of homogenizers, grinders, and mills.

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.



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|--|----------|---------|
| 04576-84 | Geno/Grinder® 2010 Tissue Homogenizer and Cell Lyser; 230 V, 50 Hz | 84798200 | 2541000 |

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.



Homogenizers

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.

Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|--|----------|---------|
| 04500-08 | HG-400 MiniG® Tissue Homogenizer and Cell Lyser, 115/230 V | 84798200 | 1462000 |
| 04500-05 | HG-200 GenoLyte Compact Tissue Homogenizer and Cell Lyser, 115/230 V | 84798200 | 568000 |

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.

Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|---|----------|--------|
| 41010-94 | G-200 GenoLyte Compact Tissue Homogenizer and Cell Lyser; 115/230 V | 84798200 | 774000 |

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 where as the CG-400 Freezer/Mill is a large cryogenic grinder that accommodates samples from 0.1 to 100 grams.



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|---|----------|---------|
| 04577-92 | CG-400 Freezer/Mill® Large Cryogenic Grinder; 230 V | 84798200 | 2062000 |
| 04577-93 | CG-450 Freezer/Mill® Large Cryogenic Grinder with Liquid Nitrogen Autofill, 230 V | 84798200 | 2323000 |
| 04577-94 | CG-500 Freezer/Mill® Dual-Chamber Cryogenic Grinder, 230 V | 84798200 | 2867000 |

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.

Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|---|----------|---------|
| 04577-77 | CG-200 Freezer/Mill® Compact Cryogenic Grinder, 230 V | 84798200 | 1370000 |

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.

Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|--|----------|---------|
| 61211-72 | SamplePrep CG-900 Cryo-Blade™ Cryogenic Grinder 230V | 84798200 | 2038000 |



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.



Grinders and Mills

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.

Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|---|----------|---------|
| 04578-11 | BM-450 Mixer/Mill Dual High-Energy Ball Mill, 230 V | 84798200 | 1399000 |
| 04578-13 | BM-400 Mixer/Mill® High-Energy Ball Mill, 230 V | 84798200 | 1002000 |

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.

Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|---|----------|---------|
| 41010-84 | Shatter Versatile Box Ring and Puck Mill; 230 V | 84798200 | 2435000 |



Pellet Press

XRF Hydraulic laboratory Pellet Press, 35 Ton; 230 V

The XP-400 X-Press® is a 35-ton (31.8 metric ton) hydraulic laboratory pellet press that accepts 13 mm, 31 mm, 35 mm, and 40 mm pellet die sets. Automatic and fully programmable, this X-Press® is designed for repetitive pressing of sample pellets for XRF, IR, and other analytical techniques.

- Press samples quickly and repetitively within minutes
- Accepts all Cole-Parmer® SamplePrep evacuatable pellet die sets
- Can be operated anywhere in the world, even under the most primitive conditions
- Economical alternative to motorized presses for labs within a small sample load
- Hardened steel buffer plate is engraved with concentric circles and enables easy centering of the die
- Manual, hydraulic laboratory press with buffer plate
- Rugged, reliable and noted for its extraordinary durability
- Upper platen is equipped with a safety shield for operator protection



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|-------------------------------|----------|---------|
| 04577-47 | Automated X-Press 35-Ton 230V | 84671110 | 2356000 |

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@coleparmer.com for details.

Baths & Circulators

Ideal for maintaining temperature over a long period of time. Store samples with dependable temperature control for sample viability

General-Purpose Digital Water Baths

These simple to use heated water baths feature an LED temperature display with an analog dial for quick and easy set point adjustments.

- Safety features include low water level sensor and overtemperature protection
- Stainless steel tank with rounded corners will not trap dirt
- Integral drain simplifies water changes and cleaning



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|--|----------|--------|
| 12122-71 | Digital Water Bath, Stainless Steel, 15 L, 230 V | 84198990 | 145780 |
| 12122-81 | Digital Water Bath, Stainless Steel, 24 L, 230 V | 84191920 | 186000 |
| 12122-91 | Digital Water Bath, Stainless Steel, 6 L, 230 V | 84198995 | 244000 |

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.



Baths and Circulators

Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|--------------------------------|----------|-------|
| 78905-21 | WB-200 WaterBath, 6.6 L, 220 V | 84198995 | 44600 |
| 78905-23 | WB-200 Waterbath, 11L, 220 V | 84198990 | 64600 |

Digital Plus Heated Circulating Baths

These integrated heated circulators offer reliable, stable temperature control. Single-point temperature calibration allows you to program an offset temperature, enhancing temperature control precision. Large, backlit LCD shows set point and actual bath temperatures simultaneously.

- Keep temperature steady at point of use
- Intuitive interface uses readily recognizable icons
- Controller panel swivels for easy viewing from any angle



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|--|----------|--------|
| 10124-21 | Digital Plus Heated Circulator, 7L, 240 V | 84198990 | 788000 |
| 10124-23 | Digital Plus Heated Circulator, 15L, 240 V | 84198990 | 881000 |

Standard Refrigerated/Heating 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.



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|--|----------|---------|
| 20873-48 | Standard Refrigerated Circulating Bath, -20°C , 7 L, 240 V | 84186901 | 1057000 |
| 20873-54 | Bath Ref Circ Mx 15L 240 V | 84186901 | 1388000 |
| 10124-11 | Digital Plus Refrigerated Circulator, 15 L, -30 to 200°C , 240 V | 84198990 | 1569000 |
| NC12169 | Water Chiller | 84198990 | 162000 |

Baths and Circulators

Shaking Water Bath

Use this water bath as a linear or orbital shaker, or a static bath by simply changing the platform. Strong magnets couple to the drive unit so platform changes are quick and easy. The stainless steel shaking platforms with high-tension springs accommodate most bottle and flask sizes. Customize to your needs with platforms and racks

- Analog controls and digital temperature display simplify operation
- Overtemperature and low-level cutoffs improve safety
- Shaking speed: 20 to 130 rpm
- Stroke length/orbit size: 3/4" (20 mm)



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|---------------------------|----------|---------|
| 12151-02 | Shaking Water Bath, 230 V | 84191910 | 1232370 |

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.



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|--|----------|---------|
| 12184-03 | Precision Fluidized Sand Bath FB-08, 230 V, 50/60 Hz | 84198990 | 2522000 |
| 12184-94 | Precision Fluidized Sand Bath with Auto Air Circulation, 230 V, 50/60 Hz | 85141000 | 2955000 |
| 01184-02 | Compact Fluidized Sand Bath, 50 to 500 °C, 230V | 84195000 | 647000 |
| 01189-50 | Bath Fluidized Sand 240 V | 84195000 | 833000 |
| 10122-07 | Waterless Bead Bath without Beads, 6 L Capacity, 220 V | 84198995 | 409000 |
| 10122-17 | Waterless Bead Bath without Beads, 14 L Capacity, 220 V | 84198995 | 373000 |
| 10122-27 | Waterless Bead Bath without Beads, 20 L Capacity, 220 V | 84198995 | 401000 |

Shakers

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

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).



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|--------------------------------|----------|--------|
| 51901-00 | CP Large Orbital Shaker, 230 V | 84798200 | 163000 |
| 51901-10 | Mini Orbital Shaker, 230 V | 84798200 | 137000 |

Shakers

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.



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|-----------------------------------|----------|--------|
| 51901-02 | Large Reciprocating Shaker, 230 V | 84798200 | 165000 |

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).



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|-------------------------------------|----------|--------|
| 51901-06 | Large See-Saw Rocking Shaker, 230 V | 84798200 | 127000 |
| 51901-14 | Mini See-Saw Rocking Shaker, 230 V | 84798200 | 117000 |

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).



Shakers

Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|---------------------------------|----------|--------|
| 51901-04 | CP Gyro-Rocker Large, 230 V | 84798200 | 147000 |
| 51901-12 | Mini Gyro Rocking Shaker; 230 V | 84798200 | 115000 |

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.



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|---|----------|--------|
| 79520-04 | Shaking Incubator, 51 L, 230 V | 85141900 | 639000 |
| 79520-10 | Microplate Shaking Incubator, 230 V | 84199090 | 597000 |
| 79520-16 | Large Capacity Shaking Incubator, 115L, 230 V | 85141000 | 927000 |
| 39454-05 | Hybridization Incubator, 230 V | 85141000 | 830000 |
| 39065-15 | Microplate Incubator 20L, 230 V | 85141000 | 590000 |

Roller Shakers

- 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.

Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|--|----------|--------|
| 51901-18 | Analog Rollers Shaker, Fixed Speed, 6 Rollers, 230 V | 84798200 | 134000 |
| 51901-20 | Analog Rollers Shaker, Fixed Speed, 9 Rollers, 230 V | 84798200 | 154000 |
| 51901-22 | Digital Rollers Shaker, Variable Speed, 6 Rollers, 230 V | 84798200 | 150000 |
| 51901-24 | Digital Rollers Shaker, Variable Speed, 9 Rollers, 230 V | 84798200 | 179000 |

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.



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|--|----------|-------|
| 51901-26 | Tube Rotator, Fixed Speed, 230 V 50Hz | 84798200 | 58700 |
| 51901-28 | Tube Rotator, Variable Speed, 230 V 50Hz | 84798200 | 87000 |

Hand Motion Shakers

The variable-speed shaker features two side arms with adjustable clamps capable of holding eight flasks or bottles up to 500 mL capacity. Use for prolonged continuous shaking or set the built-in analog timer from 10 to 60 minutes and unit automatically turns off when done. Electronic feedback controller ensures a constant speed, irrespective of load.



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|---------------------------|----------|--------|
| 51900-02 | Hand Motion Shaker, 230 V | 84798200 | 239000 |

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.

Handheld Homogenizers

Handheld tissue homogenizers are well-suited for a wide range of processing applications

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.

Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|----------------------------------|----------|--------|
| 04727-02 | HO-200 Homogenizer Eu Plg, 220 V | 84798200 | 161000 |



Handheld Homogenizers

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.

Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|-------------------------------|----------|--------|
| 04727-29 | Laboratory Homogenizer, 220 V | 84798200 | 342000 |

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



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|-------------------------------------|----------|--------|
| 78904-71 | Digital Handheld Tissue Homogenizer | 84798200 | 718000 |

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

Rotary evaporators are used to produce a dry sample in preparation for analysis by removing water or organic solvents



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.



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|--|----------|--------|
| 52411-93 | Manual Lift Rotary Evaporator, 2 L, 220 V | 85141900 | 255000 |
| 52411-95 | Motorized Lift Rotary Evaporator, 2 L, 220 V | 85141900 | 331000 |

Rotary Evaporators

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.



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|---|----------|---------|
| 52410-00 | Motorized Lift Rotary Evaporator, 50 L, 220 V | 85141900 | 1846000 |
| 52411-97 | Motorized Lift Rotary Evaporator, 5 L, 220 V | 85141900 | 463000 |
| 52411-98 | Motorized Lift Rotary Evaporator, 10 L, 220 V | 85141900 | 699000 |
| 52411-99 | Motorized Lift Rotary Evaporator, 20 L, 220 V | 85141900 | 912000 |

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

Incubators & Ovens

From creating optimal growth conditions to drying delicate samples, find the equipment you need.



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.



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|---|----------|--------|
| 52411-57 | Gravity Convection Incubator, 16 L Capacity, 220 V | 85141900 | 211000 |
| 52411-59 | Gravity Convection Incubator, 35 L Capacity, 220 V | 85141900 | 224000 |
| 52411-61 | Gravity Convection Incubator, 50 L Capacity, 220 V | 85141900 | 288000 |
| 52411-63 | Gravity Convection Incubator, 115 L Capacity, 220 V | 85141900 | 382000 |
| 52411-65 | Gravity Convection Incubator, 210 L Capacity, 220 V | 85141900 | 432000 |

Incubators

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.



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|---|----------|--------|
| 52411-67 | Mechanical Convection Incubator, 16 L, 220 V | 85141900 | 208000 |
| 52411-73 | Mechanical Convection Incubator, 80 L, 220 V | 85141900 | 306000 |
| 52411-75 | Mechanical Convection Incubator, 160 L, 220 V | 85141900 | 385000 |
| 52411-77 | Mechanical Convection Incubator, 270 L, 220 V | 85141900 | 483000 |

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.



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|--|----------|--------|
| 52411-01 | Gravity Convection Drying Oven, 27 L, 220 V, EU UK detachable cord | 85141900 | 129000 |
| 52411-03 | Gravity Convection Drying Oven, 56 L, 220 V, EU UK detachable cord | 85141900 | 246000 |
| 52411-05 | Gravity Convection Drying Oven, 96 L, 220 V, UK Plug | 85141900 | 203000 |
| 52411-07 | Gravity Convection Drying Oven, 140 L, 220 V, UK Plug | 85141900 | 394000 |
| 52413-05 | Gravity Convection Drying Oven, 96 L, 220 V EU Plug | 85141900 | 302000 |
| 52413-06 | Gravity Convection Drying Oven, 140 L, 220 V, EU Plug | 85141900 | 363000 |

Ovens

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.



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|--|----------|--------|
| 52411-10 | Mechanical Convection Drying Oven, 16 L, 220 V, UK Plug | 85141900 | 192000 |
| 52411-14 | Mechanical Convection Drying Oven, 50 L, 220 V, UK Plug | 85141900 | 221000 |
| 52411-18 | Mechanical Convection Drying Oven, 136 L, 220 V, UK Plug | 85141900 | 387000 |
| 52411-19 | Mechanical Convection Drying Oven 220 L, 220 V, UK Plug | 85141900 | 461000 |
| 52413-09 | Mechanical Convection Drying Oven, 50 L, 220 V, EU Plug | 85141900 | 246000 |
| 52413-10 | Mechanical Convection Drying Oven, 80 L, 220 V, EU Plug | 85141900 | 277000 |
| 52413-11 | Mechanical Convection Drying Oven, 136 L, 220 V, EU Plug | 85141900 | 357000 |
| 52413-12 | Mechanical Convection Drying Oven, 220 L, 220 V, EU Plug | 85141900 | 426000 |

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.



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|--|----------|---------|
| 52411-31 | Programmable Vacuum Oven, 24 L, 220 V, UK Plug | 85141900 | 285000 |
| 52411-33 | Programmable Vacuum Oven, 53 L, 220 V, UK Plug | 85141900 | 764000 |
| 52411-35 | Programmable Vacuum Oven, 91 L, 220 V, UK Plug | 85141900 | 1222000 |
| 52413-02 | Programmable Vacuum Oven, 24 L, 220 V, EU Plug | 85141900 | 414000 |
| 52413-03 | Programmable Vacuum Oven, 53 L, 220 V, EU Plug | 85141900 | 654000 |
| 52413-04 | Programmable Vacuum Oven, 91 L, 220 V, EU Plug | 85141900 | 1048000 |

Muffle Furnace

Precision laboratory furnace for thermal processing applications



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.



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|----------------------------------|----------|--------|
| 16393-88 | Muffle Furnace 7.6 L, 1200°C SSD | 85141900 | 448000 |
| 16393-89 | Muffle Furnace 18L, 1200°C SSD | 85141900 | 589000 |
| 16393-91 | Muffle Furnace 28 L, 1200°C SSD | 85141900 | 872000 |

Muffle Furnace

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



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|--|----------|---------|
| 16393-96 | Muffle Furnaces with SiC Heating elements, 3.6 L, 1600°C | 85141900 | 1964000 |
| 16393-98 | Muffle Furnaces with SiC Heating elements, 8 L, 1600°C | 85141900 | 2874000 |
| 16394-00 | Muffle Furnaces with SiC Heating elements, 12 L, 1600°C | 85141900 | 3377000 |
| 16394-02 | Muffle Furnaces with SiC Heating elements, 19 L, 1600°C | 85141900 | 4767000 |

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.



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|--------------------------------|----------|---------|
| 16393-77 | Muffle Furnace 9 L, 1000°C SD | 85141900 | 662000 |
| 16393-78 | Muffle Furnace 22 L, 1000°C SD | 85141900 | 883000 |
| 16393-80 | Muffle Furnace 9 L, 1200°C SD | 85141900 | 714000 |
| 16393-81 | Muffle Furnace 22 L, 1200°C SD | 85141900 | 952000 |
| 16393-85 | Muffle Furnace 22 L, 1300°C SD | 85141900 | 834000 |
| 16393-86 | Muffle Furnace 9 L, 1300°C SD | 85141900 | 1071000 |

Spectroscopy

Instruments used to identify or confirm the chemical species, chemical structure, or concentration of substances in a sample

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.

Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|---|----------|---------|
| 83070-06 | UV Double-Beam Spectrophotometer, 230 V | 90273090 | 1195000 |

Visible and UV/Visible Scanning 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



Spectroscopy

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.

Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|---|----------|---------|
| 83056-21 | VIS Scanning Visible Spectrophotometer, 320 to 1000 nm, 100-240 V, 50/60 Hz | 90273090 | 675000 |
| 83056-22 | UV Scanning UV/Visible Spectrophotometer, 198 to 1000 nm, 100-240 V, 50/60 Hz | 90273090 | 750000 |
| 83056-23 | Nano Scanning Micro-Volume Spectrophotometer, 198 to 1000 nm, 100-240 V, 50/60 Hz | 90273090 | 1080000 |

Scanning 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.



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|--|----------|--------|
| 83056-01 | VIS Visible Diode Array Scanning Spectrophotometer, 100-240 V, 50/60 Hz | 90273090 | 339000 |
| 83056-02 | UV UV/Visible Diode Array Scanning Spectrophotometer, 100-240 V, 50/60 Hz | 90273090 | 418000 |
| 83056-04 | BIO UV/Visible Diode Array Scanning Spectrophotometer, 100-240 V, 50/60 Hz | 90273090 | 540000 |

Visible and UV/Visible 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.

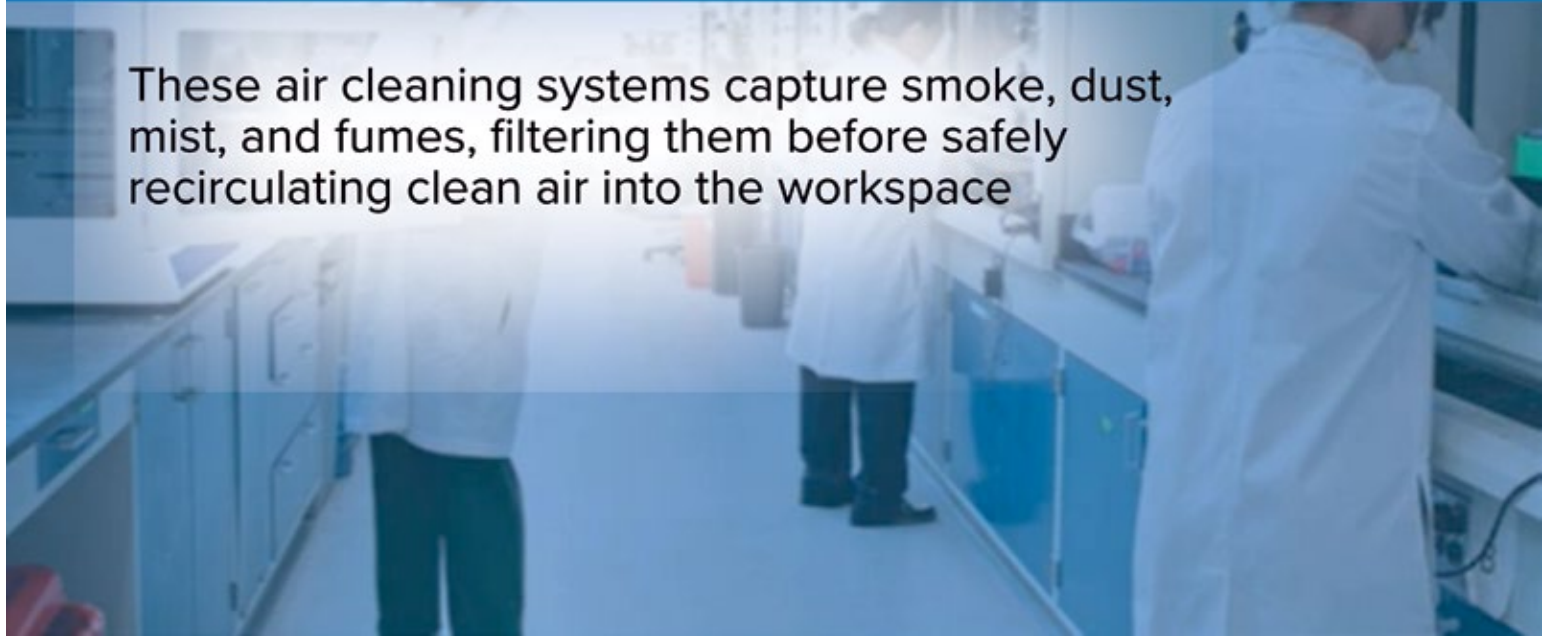


Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|---|----------|--------|
| 83058-15 | VIS Visible Spectrophotometer, 90 to 264 V | 90273010 | 585000 |
| 83058-16 | UV/Visible Spectrophotometer, 90 to 264 V | 90273010 | 853000 |
| 83058-17 | VIS Advanced Visible Spectrophotometer, 90 to 264 V | 90273010 | 477000 |
| 83058-18 | UV Advanced UV/Visible Spectrophotometer, 90 to 264 V | 90273080 | 876000 |

Fume Hoods

These air cleaning systems capture smoke, dust, mist, and fumes, filtering them before safely recirculating clean air into the workspace



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.



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|---|----------|---------|
| 78900-01 | Standard Ductless Fume Hood, 24" Width, 230 V | 84213990 | 533000 |
| 78900-03 | Standard Ductless Fume Hood, 36" Width, 230 V | 84213990 | 615000 |
| 78900-05 | Standard Ductless Fume Hood, 48" Width, 230 V | 84213990 | 833000 |
| 78902-21 | Advanced Ductless Fume Hood, 39" Width, 230 V | 84213990 | 1372000 |
| 78902-25 | Advanced Ductless Fume Hood, 59" Width, 230 V | 84213990 | 1683000 |
| 78902-27 | Advanced Ductless Fume Hood, 69" Width, 230 V | 84213990 | 1862000 |

Fume Hoods

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.



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|--|----------|---------|
| 78900-32 | Ductless Vertical Laminar Flow Cabinet, 24", 230 V/50 Hz | 84213990 | 527000 |
| 78900-34 | Ductless Vertical Laminar Flow Cabinet, 36", 230 V/50 Hz | 84213990 | 611000 |
| 78902-51 | Horizontal Laminar Flow Cabinet, 48" Width, 230V, 50Hz | 84219901 | 815000 |
| 78902-53 | Horizontal Laminar Flow Cabinet, 72" Width, 230V, 50Hz | 84219901 | 1033000 |

Desiccators

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.



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|--|----------|-------|
| 06525-36 | Vacuum Desiccator, Polycarbonate, 6"/150 mm dia | 39269099 | 20000 |
| 06525-37 | Vacuum Desiccator, Polycarbonate, 8"/200 mm dia | 39269099 | 32200 |
| 06525-38 | Vacuum Desiccator, Polycarbonate, 10"/250 mm dia | 39269099 | 41300 |
| 06525-39 | Vacuum Desiccator, Polycarbonate, 12"/300 mm dia | 39269099 | 69700 |

Freezers

Ultra-low temperature freezers for reliable, safe storage of sensitive samples



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.



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|---|----------|---------|
| 44261-70 | ULT Freezer, -40°C to -86°C, 360 L, with TraceableLive® | 84181010 | 2512000 |
| 44261-72 | ULT Freezer, -40°C to -86°C, 480 L, with TraceableLive® | 84181010 | 2906000 |
| 44261-74 | ULT Freezer, -40°C to -86°C, 590 L, with TraceableLive® | 84181010 | 3216000 |
| 44261-76 | ULT Freezer, -40°C to -86°C, 730 L, with TraceableLive® | 84181010 | 3706000 |
| 44261-78 | ULT Freezer, -40°C to -86°C, 990 L, with TraceableLive® | 84181010 | 3262000 |

Freezers

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 GMP, 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.



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|--|----------|---------|
| 44260-86 | TEC ² ULT Freezer, -40°C to -86°C, 425 L, 220 V/50 Hz | 84184090 | 3649000 |
| 44260-88 | TEC ² ULT Freezer, -40°C to -86°C, 588 L, 220 V/50 Hz | 84184090 | 3713000 |
| 44260-90 | TEC ² ULT Freezer, -40°C to -86°C, 728 L, 208-220 V/60 Hz | 84184090 | 4677000 |
| 44260-91 | TEC ² ULT Freezer, -40°C to -86°C, 728 L, 220 V/50 Hz | 84184090 | 4349000 |
| 44260-92 | TEC ² ULT Freezer, -40°C to -86°C, 838 L, 208-220 V/60 Hz | 84184090 | 5114000 |
| 44260-93 | TEC ² ULT Freezer, -40°C to -86°C, 838 L, 220 V/50 Hz | 84184090 | 4742000 |

StableTemp -86°C Ultra-Low Temperature Upright Freezers

These ULT freezers are designed to meet your cold storage needs down to -86°C. Built with temperature stability and energy savings in mind each is designed for optimal efficiency with minimal temperature loss.

- The cabinet consists of high performance insulation panels that minimize heat gain improving temperature stability.
- Eye-level controls for quick programming and easy viewing
- Individually sealed inner doors minimize frost buildup and temperature loss when open
- Outer door has four gaskets for maximum thermal efficiency
- Heated pressure equalization port for easy door opening



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|---|----------|---------|
| 16340-01 | StableTemp ULT Upright Freezer, -86°C, 11.9 cu ft, 230 V | 84184010 | 1200000 |
| 16340-02 | StableTemp ULT Upright Freezer, -86°C, 17.16 cu ft, 230 V | 84184010 | 1322000 |

Freezers

Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|---|----------|---------|
| 16340-03 | StableTemp ULT Upright Freezer, -86°C, 22.10 cu ft, 230 V | 84184010 | 1413000 |
| 16340-04 | StableTemp ULT Upright Freezer, -86°C, 25.7 cu ft, 230 V | 84184010 | 1644000 |
| 16340-05 | StableTemp ULT Upright Freezer, -86°C, 29.2 cu ft, 230 V | 84184010 | 1762000 |
| 16340-06 | StableTemp ULT Chest Freezer, -86°C, 3.53 cu ft, 230 V | 84184010 | 972000 |

StableTemp™ -30°C Low-Temperature Freezers

Upright freezers are scientifically designed to minimize moisture accumulation.

- LED digital display for easy observation
- Forced-air cooling with internal fan for maximum temperature uniformity and stability
- Superior refrigeration system for pull-down time from 25°C ambient to -30°C in 170 minutes and warm-up time from 25°C ambient -30°C to -20°C is 160 minutes
- Cooling fan is permanently lubricated for long life
- Automatic defrost maintains optimum cooling capacity



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|---|----------|--------|
| 16340-07 | StableTemp Upright Deep Freezer, -40°C, 9.8 cu ft, 230 V | 84184010 | 395000 |
| 16340-08 | StableTemp Upright Deep Freezer, -40°C, 12.3 cu ft, 230 V | 84184010 | 486000 |
| 16340-09 | StableTemp Upright Deep Freezer, -40°C, 17.3 cu ft, 230 V | 84184010 | 547000 |
| 16340-10 | StableTemp Upright Deep Freezer, -30°C, 14.8 cu ft, 230 V | 84184010 | 911000 |

StableTemp™ -20°C Low-Temperature Freezers

Upright lab freezer is of robust construction and easy mobility with door opening heaters, preventing condensation from building up. The high-density polyurethane foam insulation provides energy savings, with this unit receiving the energy-saving features

- Heavy-duty refrigeration system to give you maximum reliability
- Ensure sample safety by monitoring temperature with internal thermometer
- Microprocessor control and LED digital display for clear observation



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|---|----------|--------|
| 16340-11 | StableTemp Upright Lab Freezer, -20°C, 3.2 cu ft, 230 V | 84184090 | 143000 |
| 16340-12 | StableTemp Upright Lab Freezer, -20°C, 9.3 cu ft, 230 V | 84184090 | 182000 |

Refrigerators

Refrigerators are for use in nonhazardous environments. Our refrigerator line offers undercounter refrigerators and upright refrigerator models

StableTemp™ Combination Refrigerator/Freezer

- Excellent performance with fast cooling speed

USB interface for data download

Independent displays for refrigerator and freezer sections

Multiple alarms to detect malfunctions

Designed for optimal performance, this upright unit is capable of recording temperature data for up to one month automatically.



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|--|----------|--------|
| 16340-13 | StableTemp Combination Refrigerator/Freezer, Glass Window, 230 V | 84185000 | 577000 |
| 16340-14 | StableTemp Combination Refrigerator/Freezer, Solid Door, 230 V | 84185000 | 532000 |

Laboratory Refrigerators

- Safe cold storage in convenient compact sizes
- Forced-air cooling with internal fan for maximum temperature uniformity and stability
- Automatic defrost maintains optimum cooling

Designed to meet the demanding requirements of everyday use, these upright refrigerators with microprocessor controller provide energy-efficient, safe, and reliable storage of temperature-sensitive items in a variety of applications.



Refrigerators

Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|--|----------|--------|
| 16340-15 | Upright Refrigerator, Solid Door, 2 to 8°C, 2.4 cu ft, 230 V | 84185000 | 109000 |
| 16340-16 | Upright Refrigerator, Glass Door, 2 to 8°C, 2.4 cu ft, 230 V | 84185000 | 115000 |
| 16340-17 | Upright Refrigerator, Solid Door, 2 to 8°C, 4.2 cu ft, 230 V | 84185000 | 161000 |
| 16340-18 | Upright Refrigerator, Glass Door, 2 to 8°C, 4.2 cu ft, 230 V | 84185000 | 176000 |
| 16340-20 | Upright Refrigerator, 2 to 8°C, 13.8 cu ft, 230 V | 84185000 | 365000 |
| 16340-21 | Upright Refrigerator, 2 to 8°C, 21.6 cu ft, 230 V | 84185000 | 577000 |
| 16340-22 | Upright Refrigerator, 2 to 8°C, 31.4 cu ft, 230 V | 84185000 | 668000 |

StableTemp™ Spark Free Refrigerators

Designed for safe storage of samples with explosion proof interior with grounded metal parts

- Explosion-proof interior with EU explosion proof ATEX II C-T6
- Setting temperature range +3°C to +16°C
- Micro-processor control system with LED display
- Cole-Parmer StableTemp Spark Free refrigerators are ideal for storing samples at below ambient condition in explosion-proof interior. Models are with forced air cooling with Auto defrost system along with multiple alarms and data function enabling you to check and save historical data.



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|--|----------|--------|
| 16340-32 | StableTemp Spark free Refrigerator 10.9 cu ft Antistatic, 240 V | 84185000 | 509000 |
| 16392-53 | StableTemp Spark Free Refrigerator, 4.2 cu ft, 220-240 V | 84184010 | 182000 |
| 16392-54 | StableTemp Spark Free Refrigerator, 4.2 cu ft, Antistatic, 220-240 V | 84184000 | 441000 |
| 16392-55 | StableTemp Spark Free Refrigerator, 10.9 cu ft, 220-240 V | 84184000 | 258000 |

Cryogenics

Get the cryogenic products you need to handle, store, transport, and safeguard valuable samples.



Stainless Steel Liquid Nitrogen Refill Tanks

- Self-pressurized LN₂ tank makes LN₂ discharge safe and simple
- Durable welded stainless steel construction ensures long-lasting performance and reduced evaporation loss
- Unique design utilizes pressure from LN₂ to discharge LN₂ to other containers

The Cole-Parmer stainless steel liquid nitrogen (LN₂) refill tanks feature a unique design ideal for cryopreservation applications. The tanks are self-pressurized utilizing pressure generated from the vaporization of small amounts of LN₂ within the tank



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|--|----------|--------|
| 44260-68 | Liquid Nitrogen Refill Tank, Stainless Steel, 30L | 76130021 | 261000 |
| 44260-69 | Liquids Nitrogen Refill Tank, Stainless Steel, 50L | 76130021 | 451000 |
| NC31352 | PolarSafe Liquid Nitrogen Refill Tank, 100L | 76130021 | 565000 |

Cryogenic Storage Dewars

Dewar and Traceable® Temperature Data Logger Bundles

- Confidently store and monitor your temperature-sensitive samples
- Improve sample protection – maintain specific temperature ranges for extended time periods
- Maintain sample integrity with Traceable® temperature monitoring
- Data logger provided with 2-year NIST-traceable calibration certificate

The Cole-Parmer® dewar together with a Traceable® data logger is the perfect combination to safely store your critical samples while maintaining sample integrity.



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|--|----------|---------|
| 44260-71 | Storage Dewar, TraceableLIVE® Bundle, 95L | 96170090 | 741000 |
| 44260-72 | Storage Dewar, TraceableLIVE® Bundle, 115L | 96170090 | 1050000 |
| 44260-73 | Storage Dewar, TraceableLIVE® Bundle, 30L | 96170090 | 237000 |
| 44260-74 | Storage Dewar, TraceableLIVE® Bundle, 35L | 96170090 | 256000 |
| 44260-75 | Storage Dewar, TraceableLIVE® Bundle, 47L | 96170090 | 306000 |
| 44260-76 | Storage Dewar, TraceableLIVE® Bundle, 2L | 96170090 | 132000 |

Cryogenic Storage and Transport Dewars

- Robust cryopreservation solutions for long-term storage and transport of biological samples
- Strong yet lightweight aluminum dewars hold liquid nitrogen
- Narrow neck design provides high thermal efficiency and low evaporation loss
- Optional heavy duty lockable enclosure for enhanced security
- Long term storage up to 200 days (depending on model)

Confidently store your samples in liquid nitrogen, with ultra-low evaporation loss. With one or two handles depending on model, these dewars are easy to transport.



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|--|----------|-------|
| 44260-61 | Cryogenic Storage and Transport Dewar, 3L | 76130021 | 48000 |
| 44260-62 | Cryogenic Storage and Transport Dewar, 6L | 76130021 | 55000 |
| 44260-63 | Cryogenic Storage and Transport Dewar, 10L | 76130021 | 40400 |
| 44260-64 | Cryogenic Storage and Transport Dewar, 15L | 76130021 | 97000 |
| 44260-65 | Cryogenic Storage and Transport Dewar, 20L | 76130021 | 94000 |
| 44260-66 | Cryogenic Storage Dewar, 30L | 76130021 | 76700 |
| 44260-67 | Cryogenic Storage and Transport Dewar, 35L | 76130021 | 82900 |

Cryogenic Storage Dewars

Cryogenic Storage Dewars with Racks

- Safely store samples for up to 200 days without liquid nitrogen refill

Liquid nitrogen dewars available in sizes from 2L to 115L

Ultra low evaporation loss enhances cryogen protection

Durable aluminum construction

Facilitating cryogenic management, these storage dewars come with stainless steel racks to accommodate boxes or canisters



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|---|----------|--------|
| 44260-54 | Cryogenic Storage Dewar, 95L, with 6 x 5 Layer Racks | 76130021 | 498000 |
| 44260-55 | Cryogenic Storage Dewar, 115L, with 6 x 6 Layer Racks | 76130090 | 592000 |
| 44260-56 | Cryogenic Storage Dewar, 30L, with 6 x 4 Layer Racks | 76130021 | 110000 |
| 44260-57 | Cryogenic Storage Dewar, 35L, with 6 x 5 Layer Racks | 76130091 | 192000 |
| 44260-58 | Cryogenic Storage Dewar, 47L, with 6 Round Canister Racks | 76130021 | 162000 |
| 44260-59 | Cryogenic Storage Dewar, 2L, with 3 Round Canister Racks | 76130021 | 52000 |

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

Traceable® Products

Accurate, reliable measurements every time! Each Traceable® product goes through an intense quality control process and comes with NIST-traceable certification.

Digi-Sense Temperature/Humidity Data Loggers

- Range from 32°F to 131°F (0°C 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



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|--|----------|-------|
| 18000-29 | Traceable Temperature/Humidity Wi-Fi Data Logger, 1 Dongle | 90258090 | 47900 |
| 18000-30 | Traceable Temperature/Humidity Wi-Fi Data Logger, 1 Probe with Cable | 90258090 | 53300 |

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



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|--|----------|-------|
| 18000-27 | Traceable Ultra-Low Temperature Wi-Fi Data Logger, 1 Probe | 90251990 | 56600 |
| 18000-28 | Traceable Ultra-Low Temperature Wi-Fi Data Loggers, 2 Probes | 90251990 | 57300 |

Traceable® Products

Digi-Sense Data Logging Refrigerator/Freezer Thermometers

- Range from -58°F to 140°F (-50°C 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
- Connect to your data via smartphone, tablet, or PC using TraceableLIVE wireless capability
- TraceableLIVE® Wireless Technology allows multiple users to stay connected and monitor critical environments 24/7 wherever you go



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|---|----------|-------|
| 61011-31 | Data Logging Refrigerator/Freezer Thermometer, 2 Vaccine Probes | 90251990 | 45900 |
| 98768-68 | Traceable Wi-Fi Data Logging Refrigerator/Freezer Thermometer, 2 Quick-Disconnect Bottle Probes | 90251990 | 39400 |
| 99460-00 | Traceable Wi-Fi Data Logging Refrigerator/Freezer Thermometer, 2 Bottle Probes | 90251990 | 37600 |
| 99460-05 | Traceable Wi-Fi Data Logging Refrigerator/Freezer Thermometer, Bottle and 1 Bullet Probe | 90251990 | 45400 |
| 99460-10 | Traceable Wi-Fi Data Logging Refrigerator/Freezer Thermometer, 2 Bullet Probes | 90251990 | 72000 |
| 99460-15 | Traceable Wi-Fi Data Logging Refrigerator/Freezer Thermometer, 2 Stainless Steel Probes | 90251990 | 41500 |

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
- Connect to your data via smartphone, tablet, or PC using TraceableLIVE wireless capability
- TraceableLIVE Wireless Technology allows multiple users to stay connected and monitor critical environments 24/7 wherever you go



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|--|----------|--------|
| 18000-31 | Traceable Ambient CO ₂ /Temperature/Humidity Wi-Fi Data Logger | 90258090 | 108000 |
| 18000-32 | Traceable High-Range CO ₂ /Temperature/Humidity Wi-Fi Data Logger | 90258090 | 109000 |
| 18000-33 | Traceable Barometric/Temperature/Humidity Wi-Fi Data Logger | 90258090 | 54300 |

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

Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|---|----------|-------|
| 07504-31 | 7600 Wi-Fi Data Logger Kit with Smart Temperature Bottle Probe, Door Sensor | 90251990 | 75800 |
| 07504-33 | 7600 Wi-Fi Data Logger Kit with Smart Temperature Bullet Probe, Door Sensor | 90251990 | 75800 |
| 07504-34 | 7600 Wi-Fi Data Logger Kit with Smart Temperature Vaccine Bottle Probe, Door Sensor | 90251990 | 75800 |

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



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|---|----------|-------|
| 18004-37 | 6601 Ethernet Smart Data Logging Wide-Range Thermometer | 90251990 | 67100 |
| 99460-01 | 6600 Ethernet Smart Data Logging Refrigerator/Freezer Thermometer | 90251990 | 44500 |

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.



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|---|----------|-------|
| 56000-00 | Traceable Fridge/Freezer Digital Thermometer with Bottle Probe | 90251990 | 11400 |
| 56000-03 | Traceable Fridge/Freezer Digital Thermometer with Bullet Probe | 90251990 | 10500 |
| 56000-07 | Traceable Fridge/Freezer Digital Thermometer with 5 mL Vaccine Bottle Probe | 90251910 | 12100 |

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.



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|---------------------------------------|----------|-------|
| 56000-10 | Traceable Thermohygrometer with Clock | 90251910 | 9100 |

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



Ordering Information

| Product code | Product Description | HSN Code | Price |
|--------------|--|----------|-------|
| 56000-13 | Three-Channel Benchtop Timer with Antimicrobial Protection | 91061000 | 10000 |
| 56000-16 | Four-Channel Timer with Antimicrobial Protection | 91061000 | 4600 |

TraceableLIVE® — Smart Monitoring Simplified

Eliminate stress, safeguard temperature-sensitive items, and maintain compliance with TraceableLIVE®, the cloud-based platform that keeps you connected to your lab—anytime, anywhere. Receive real-time alerts, monitor conditions remotely, and ensure uninterrupted data integrity.

Flexible Subscription Options

Choose the plan that fits your facility's needs. Available as monthly subscriptions or prepaid annual activations.

Prepaid Packages

Prefer one payment? Choose a 1- or 2-year prepaid plan—no credit card billing required. Add it to any TraceableLIVE® device or existing account.

Instant, Real-Time Protection

Stay informed with alerts for temperature excursions, lost connections, low batteries, or calibration reminders. Receive notifications via app, text, email, or Apple Watch®. Premium plans include voice alerts, recurring reports, and custom alarm templates.

Fast Setup, Full Control

Connect and start monitoring in under two minutes. Access unlimited data and user visibility through secure cloud access—fully compliant with 21 CFR Part 11, Annex 11, and ISO 17025 standards

24/7 Peace of Mind for Your Lab

TraceableLIVE® keeps you connected to your lab environments anywhere, anytime. Receive instant alerts and access real-time data so you can act before valuable samples are compromised.



TraceableLIVE® keeps your lab connected and compliant—wherever you work.



Instant Alerts

Get notified via app, email, text, or voice call* when action is needed.



Automatic Updates

TraceableLIVE® stays up to date with secure, maintenance-free updates.



Cloud Access

View, store, and analyze data across devices—anytime, anywhere.



Team Ready

Add unlimited users and devices for full lab visibility and collaboration.



Fully Compliant

Meets 21 CFR Part 11 (North America), Annex 11 (Europe), and ISO 17025 calibration standards.

*Apple Watch® and voice call notifications available with Premium plans.

Compliant. Reliable. Connected.

Laboratory Consumables

**Essentials
for equipping
your bench**



Pipettes, Controllers, Tips & Accessories

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



Serological Pipettes

Serological Pipettes (Polystyrene, PS) are sterile, precision tools for accurate fluid dispensing. Made from biocompatible polystyrene, they're gamma-sterilized, non-haemolytic, and feature color-coded "TD" rings, bi-directional graduations ($\pm 2\%$ accuracy), and a lint-free filter plug. Available individually wrapped (tissue culture) or bulk wrapped (general lab use). Their precise design, legible markings, and sterile packaging make them reliable for routine lab work and critical applications.



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|---|---------|----------|-------|
| 13002-12 | Pipette 1mL 0.01 GRD Individually Wrapped | 500/Cs | 39269099 | 8400 |
| 13002-14 | Pipette 1mL 0.1 GRD Individually Wrapped | 500/Cs | 39269099 | 8400 |
| 13002-15 | Pipette 2mL 0.01 GRD Individually Wrapped | 500/Cs | 39269099 | 12700 |
| 13002-16 | Pipette 5mL 0.1 GRD Individually Wrapped | 200/Cs | 39269099 | 5000 |
| 13002-17 | Pipette 10mL 0.1 GRD Individually Wrapped | 200/Cs | 39269099 | 6300 |
| 13002-19 | Pipette 25mL 0.2 GRD Individually Wrapped | 150/Cs | 39269099 | 7400 |
| 13002-20 | Pipette 50mL 0.5 GRD Individually Wrapped | 100/Cs | 39269099 | 11800 |
| 13002-24 | Pipette 1mL 0.01 GRD Bulk Wrapped | 1000/Cs | 39269099 | 15100 |
| 13002-26 | Pipette 1mL 0.1 GRD Bulk Wrapped | 1000/Cs | 39269099 | 14200 |
| 13002-28 | Pipette 2mL 0.01 GRD Bulk Wrapped | 1000/Cs | 39269099 | 19700 |
| 13002-30 | Pipette 10mL 0.1 GRD Bulk Wrapped | 400/Cs | 39269099 | 12400 |
| 13002-36 | Pipette 25mL 0.2 GRD Bulk Wrapped | 150/Cs | 39269099 | 8300 |
| 13002-37 | Pipette 50mL 0.5 GRD Bulk Wrapped | 100/Cs | 39269099 | 13000 |

Pipettes, Pipette Controllers, Tips, and Accessories

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.

Use these unbreakable low-density polyethylene (LDPE) pipettes to eliminate the chance of contamination from rubber bulbs. They deliver repeatable, uniform drops and are configured to fit into a variety of vessels.



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|---|---------|----------|-------|
| 16351-71 | Pasteur Pipette 3mL Bulk | 5000/Cs | 39269099 | 7000 |
| 16351-73 | Pasteur Pipette 3mL Bulk Individually Wrapped | 5000/Cs | 39269099 | 3000 |

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



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|---|------|----------|-------|
| 24501-01 | Adjustable-Vol Pipettor Single 0.1-2.5µL | Each | 90318000 | 8000 |
| 24501-02 | Adjustable-Vol Pipettor Single 0.5-10µL | Each | 84798999 | 8000 |
| 24501-03 | Adjustable-Vol Pipettor Single 5-50µL | Each | 90318000 | 8000 |
| 24501-05 | Adjustable-Vol Pipettor Single 10-100µL | Each | 90318000 | 8000 |
| 24501-07 | Adjustable-Vol Pipettor Single 20-200µL | Each | 90318000 | 8000 |
| 24501-08 | Adjustable-Vol Pipettor Single 100-1000µL | Each | 90318000 | 8000 |
| 24501-09 | Adjustable-Vol Pipettor Single 500-5000µL | Each | 90318000 | 8000 |
| 24501-10 | Adjustable-Vol Pipettor Single 2000-10000µL | Each | 90318000 | 8000 |
| 24501-17 | Fixed-Vol Pipettor Single 5000µL | Each | 84798999 | 3100 |
| 24501-20 | Adjustable-Vol Pipettor 8 Channel 5-50µL | Each | 90318000 | 29300 |
| 24501-21 | Adjustable-Vol Pipettor 8 Channel 30-300µL | Each | 90318000 | 29300 |

Pipettes, Pipette Controllers, Tips, and Accessories

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



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|--|------|----------|-------|
| 24501-25 | Electronic Pipette Single 0.5-10 µL | Each | 84798999 | 52700 |
| 24501-26 | Electronic Pipette Single 5-100 µL | Each | 84798999 | 52700 |
| 24501-27 | Electronic Pipette Single 10-200 µL | Each | 84798999 | 52700 |
| 24501-28 | Electronic Pipette Single 50-1000 µL | Each | 84798999 | 52700 |
| 24501-29 | Electronic Pipette Single 250-5000 µL | Each | 84798999 | 52700 |
| 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 | 5100 |

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



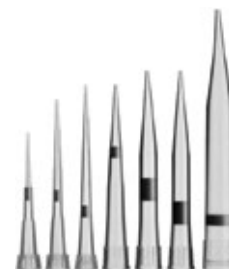
Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|-----------------------------------|-------|----------|-------|
| 25300-96 | Omega Zen Pipette Controller Blue | Each | 84798992 | 33400 |
| 25303-38 | Omegazen Filter 0.2µM | 10/Pk | 90319000 | 2000 |
| 25303-39 | Omegazen Filter 0.45µM | 10/Pk | 90319000 | 5000 |

Pipettes, Pipette Controllers, Tips, and Accessories

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



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|-----------------------------------|----------|----------|-------|
| 15970-94 | Tips 200µL | 20000/Cs | 90319000 | 9900 |
| 15970-98 | Tips 1000µL | 10000/Cs | 90319000 | 7200 |
| 15977-45 | Tips Yellow 200µL | 20000/Cs | 90318000 | 10000 |
| 15977-46 | Tips Blue 1000µL | 10000/Cs | 84799090 | 7200 |
| 15977-47 | Tips 10µL S-LR Bulk | 40000/Cs | 90319000 | 52500 |
| 15977-48 | Tips 10µL S RK | 9600/Cs | 90319000 | 33000 |
| 15977-49 | Tips 10µL S FIL RK | 9600/Cs | 90319000 | 46600 |
| 15977-50 | Tips 10µL S-LR Bulk | 40000/Cs | 90319000 | 52500 |
| 15977-52 | Tips 10µL S FIL RK | 9600/Cs | 90319000 | 46600 |
| 15977-54 | Tips 200µL S-LR RK | 9600/Cs | 90319000 | 33400 |
| 15977-55 | Tips 200µL S FIL RK | 9600/Cs | 90319000 | 47000 |
| 15977-56 | Tips 1000µL S-LR Bulk | 10000/Cs | 90319000 | 19300 |
| 15977-57 | Tips 1000µL S-LR RK | 5760/Cs | 90319000 | 24500 |
| 15977-58 | Tips 1000µL S FIL RK | 5760/Cs | 90319000 | 32700 |
| 15977-59 | Tips 1250µL S FIL RK | 5760/Cs | 90319000 | 35100 |
| 15977-60 | Tips 5mL Bulk | 1000/Cs | 90313000 | 13200 |
| 15977-61 | Tips 10mL Bulk | 1000/C | 90313000 | 30800 |
| 15977-62 | Empty RK 10µL Tips | 100/Cs | 39231090 | 17400 |
| 15977-63 | Empty RK 200µL Tips | 100/Cs | 39231090 | 17400 |
| 15977-64 | Empty RK 1000µL Tips | 60/Cs | 39231090 | 11600 |
| 15977-65 | Empty RK 1250µL Tips | 60/Cs | 84799090 | 13000 |
| 15977-66 | Tips 200µL IW | 2000/Cs | 90319000 | 9000 |
| 15977-67 | Tips 1000µL IW | 1000/Cs | 90319000 | 6900 |
| 15977-68 | Pipettor Stand | Each | 90319000 | 3200 |
| 16350-02 | Tips 10µL RK S-LR | 960/Pk | 90319000 | 33500 |
| 16350-03 | Tips 10µL RK FLTR S | 960/Pk | 90319000 | 47300 |
| 16350-04 | Tips 10µL RK FLTR S-LR | 960/Pk | 84799090 | 51200 |
| 16350-05 | Tips 10µL Narrow 20µL | 960/Pk | 84799090 | 26600 |
| 16350-07 | Tips 10µL Narrow 20µL S LR RK | 960/Pk | 84799090 | 33500 |
| 16350-08 | Tips 10µL Narrow 20µL S RK FTR | 960/Pk | 90319000 | 47300 |
| 16350-09 | Tips 10µL Narrow 20µL S LR RK FTR | 960/PK | 84799090 | 51200 |
| 16350-10 | Tips 200µL RK | 960/Pk | 84799090 | 27100 |
| 16350-12 | Tips 200µL RK S LR | 960/Pk | 90319000 | 33900 |
| 16350-13 | Tips 200µL RK S FTR | 960/Pk | 90319000 | 47700 |
| 16350-14 | Tips 200µL RK S LR FTR | 960/Pk | 90319000 | 51600 |

Pipettes, Pipette Controllers, Tips, and Accessories

Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|--------------------------|--------|----------|-------|
| 16350-17 | Tips 1000µL RK S LR | 576/Pk | 90319000 | 24900 |
| 16350-18 | Tips 1000µL RK S FLTR | 576/Pk | 90319000 | 33200 |
| 16350-19 | Tips 1000µL RK S FLTR LR | 576/Pk | 90319000 | 36700 |
| 16350-23 | Tips 1250µL RK S FLTR | 576/Pk | 90319000 | 36700 |

Bottle Top Dispensers

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

Unique PTFE piston with intergral 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.



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|--|------|----------|-------|
| 15977-71 | Bottletop Dispenser 0.25-2.5mL | Each | 90278090 | 23900 |
| 15977-72 | Bottletop Dispenser 0.5-5mL | Each | 90278090 | 23900 |
| 15977-73 | Bottletop Dispenser 1-10mL | Each | 90278090 | 23900 |
| 15977-74 | Bottletop Dispenser 2.5-30mL | Each | 90278090 | 35800 |
| 15977-75 | Bottletop Dispenser 5-60mL | Each | 90278090 | 35800 |
| 15977-76 | Bottletop Dispenser 10-100mL | Each | 90278090 | 43100 |
| 15977-77 | Bottletop Dispenser 0.25-2.5mL Recirculation valve | Each | 90278090 | 32300 |
| 15977-78 | Bottletop Dispenser 0.5-5mL Recirculation valve | Each | 90278090 | 17000 |
| 15977-79 | Bottletop Dispenser 1-10mL Recirculation valve | Each | 90278090 | 32300 |
| 15977-80 | Bottletop Dispenser 2.5-30mL Recirculation valve | Each | 90278090 | 48300 |
| 15977-81 | Bottletop Dispenser 5-60mL Recirculation valve | Each | 90278090 | 46900 |
| 15977-82 | Bottletop Dispenser 10-100 mL Recirculation valve | Each | 90278090 | 58200 |

Electronic Bottletop Burettes

Get better accuracy with motor-controlled filling and dispensing

- Easy, user-friendly, TFT touch screen helps to perform quick and accurate titrations
- Motor-controlled piston movement, help in eliminating the errors
- Three pre-set dispensing speeds allows achieve the end point very accurately
- Conforms to ISO 8655 standards & GLP compliant

Accuracy of Cole-Parmer E-Burette is $\pm 0.2\%$ and able to perform precise titrations within the error limits of 'Class A' glass burettes.



Pipettes, Pipette Controllers, Tips, and Accessories

Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|--|------|----------|--------|
| 15977-89 | Electronic Burette, Bottletop Dispenser, 10 mL | Each | 90278090 | 228000 |
| 15977-90 | Electronic Burette, Bottletop Dispenser, 25 mL | Each | 90278090 | 231000 |
| 15977-91 | Electronic Burette, Bottletop Dispenser, 50 mL | Each | 90278090 | 231000 |

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.



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|---------------------------------|--------|----------|-------|
| 15945-10 | Nylon Syringe Filter 0.2µ 13mm | 100/Pk | 84212900 | 2300 |
| 15945-11 | Nylon Syringe Filter 0.45µ 13mm | 100/Pk | 84212900 | 2300 |
| 15945-12 | Nylon Syringe Filter 0.2µ 25mm | 100/Pk | 84212900 | 2300 |
| 15945-13 | Nylon Syringe Filter 0.45µ 25mm | 100/Pk | 84212900 | 2300 |
| 15945-14 | Nylon Syringe Filter 0.2µ 33mm | 50/Pk | 84212900 | 2300 |
| 15945-15 | Nylon Syringe Filter 0.45µ 33mm | 50/Pk | 84212900 | 2300 |
| 15945-16 | PVDF Syringe Filter 0.2µ 13mm | 100/Pk | 39121140 | 2900 |
| 15945-17 | PVDF Syringe Filter 0.45µ 13mm | 100/Pk | 39121140 | 2900 |
| 15945-18 | PVDF Syringe Filter 0.2µ 25mm | 100/Pk | 39121140 | 3400 |
| 15945-19 | PVDF Syringe Filter 0.45µ 25mm | 100/Pk | 39121140 | 3400 |
| 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 | 2700 |
| 15945-41 | PTFE Syringe Filter 0.45µ 13mm | 100/Pk | 39121140 | 3200 |
| 15945-42 | PTFE Syringe Filter 0.2µ 25mm | 100/Pk | 39121140 | 3400 |
| 15945-43 | PTFE Syringe Filter 0.45µ 25mm | 100/Pk | 39121140 | 3200 |

Cleaning Consumables

Cleaning products keep equipment running at peak efficiency, reduce the risk of contamination, and ensure the health and safety of personnel

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
- Single 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.



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|---|---------|----------|-------|
| 15976-63 | Microfiber Wiper 9"x 9" | 1400/Cs | 63071090 | 28700 |
| 15976-64 | Microfiber Wiper 12"x 12" | 1000/Cs | 63079090 | 20800 |
| 15976-65 | Microfiber Wiper 9"x 9" Gamma Sterilized | 1400/Cs | 48182000 | 46400 |
| 15976-66 | Microfiber Wiper 12"x 12" Gamma Sterilized | 1000/Cs | 94032090 | 36900 |
| 16348-35 | Polycell Wipes 9 x 9" Non Sterile, 68 gsm | 3000/Cs | 56031200 | 11100 |
| 16348-36 | Polycell Wipes 9 x 9" Sterile, 68 gsm | 3000/Cs | 56031200 | 29000 |
| 16348-37 | Polycell Wipes 12 x 12" Non Sterile, 68 gsm | 3000/Cs | 56031200 | 21200 |
| 16348-38 | Polycell Wipes 12 x 12" Sterile, 68 gsm | 3000/Cs | 56031200 | 26500 |
| 16348-31 | Qlt 2-Ply Wipes 9 X 9" Non Sterile, 250 gsm | 1000/Cs | 63079090 | 15700 |
| 16348-32 | Qlt 2-Ply Wipes 9 X 9" Sterile, 250 gsm | 1000/Cs | 63079090 | 21600 |
| 16348-33 | Qlt 2-Ply Wipes 12 X 12" Non Sterile, 250 gsm | 1000/Cs | 63079090 | 27400 |
| 16348-34 | Qlt 2-Ply Wipes 12 X 12" Sterile, 250 gsm | 1000/Cs | 63079090 | 35500 |
| 16377-80 | Polyester Wipe 9 X 9" Non Sterile | 1500/Cs | 63071090 | 10200 |
| 16377-81 | Polyester Wipe 9 X 9" Sterile | 1500/Cs | 63071090 | 11000 |
| 16377-82 | Polyester Wipe 12 X 12" Non Sterile | 1500/Cs | 63071090 | 13800 |
| 16377-83 | Polyester Wipe 12 X 12" Sterile | 1500/Cs | 63071090 | 14700 |

Cleaning Consumables

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).

Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|-----------------------------------|------------|----------|-------|
| 15972-19 | Direct Vented Safety Goggles | 5 Pcs/Bx | 90049090 | 11800 |
| 15972-21 | Replaceable Lens | 50 Pcs/Bx | 90049000 | 33500 |
| 16392-21 | Indirect Vented Safety Goggle | 10 Pcs/Bx | 90049090 | 16000 |
| 16392-23 | Safety Goggle | 10 Pcs/Bx | 90049090 | 2100 |
| 16370-91 | Autoclave cycle monitoring strips | 50 Pcs/ Bx | 63071090 | 5400 |
| 16392-25 | Safety Spectacles | 12 Pcs/Bx | 90049090 | 1500 |

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



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|--|--------|----------|-------|
| 33676-01 | Swabs 0.39" L Knit Polyester Tip | 500/Pk | 56012200 | 17300 |
| 33676-03 | Swabs Foam/Cotton Bud Tip, 1.10" L | 500/Pk | 39269099 | 32600 |
| 33676-07 | Swabs 0.66" L Knit Polyester Tip | 100/Pk | 56012200 | 6800 |
| 33676-11 | Swabs 0.5" Polyester | 100/Pk | 56012200 | 7500 |
| 33677-62 | Swabs 0.5" L Knit Polyester Tip | 100/Pk | 63079099 | 12000 |
| 33677-63 | Sampling Swabs 0.5" L Knit Polyester Tip | 100/Pk | 63079099 | 13700 |

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



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|------------------------------|---------|----------|-------|
| 15977-01 | 12" S G-Series Latex Gloves | 1200/Cs | 40151100 | 7900 |
| 15977-02 | 12" M G-Series Latex Gloves | 1200/Cs | 40151100 | 7900 |
| 15977-03 | 12" L G-Series Latex Gloves | 1200/Cs | 40151100 | 7900 |
| 15977-04 | 12" XL G-Series Latex Gloves | 1200/Cs | 40151100 | 7900 |
| 15977-05 | 14" S G-Series Latex Gloves | 1200/Cs | 40151100 | 10300 |
| 15977-06 | 14" M G-Series Latex Gloves | 1200/Cs | 40151100 | 10900 |
| 15977-07 | 14" L G-Series Latex Gloves | 1200/Cs | 40151100 | 10900 |
| 15977-08 | 14" XL G-Series Latex Gloves | 1200/Cs | 40151100 | 10900 |
| 15977-09 | 16" S G-Series Latex Gloves | 400/Cs | 40151100 | 8400 |
| 15977-10 | 16" M G-Series Latex Gloves | 400/Cs | 40151100 | 8400 |
| 15977-11 | 16" L G-Series Latex Gloves | 400/Cs | 40151100 | 8400 |
| 15977-12 | 16" XL G-Series Latex Gloves | 400/Cs | 40151100 | 8400 |
| 15977-13 | 18" S G-Series Latex Gloves | 400/Cs | 40151100 | 9900 |
| 15977-14 | 18" M G-Series Latex Gloves | 400/Cs | 40151100 | 9900 |
| 15977-15 | 18" L G-Series Latex Gloves | 400/Cs | 40151100 | 9900 |
| 15977-16 | 18" XL G-Series Latex Gloves | 400/Cs | 40151100 | 9900 |
| 15977-20 | 12" S E-Series Latex Gloves | 1200/Cs | 40151100 | 15800 |
| 15977-21 | 12" M E-Series Latex Gloves | 1200/Cs | 40151100 | 15800 |
| 15977-22 | 12" L E-Series Latex Gloves | 1200/Cs | 40151100 | 15800 |
| 15977-23 | 12" XL E-Series Latex Gloves | 1200/Cs | 40151100 | 15800 |
| 15977-24 | 16" S E-Series Latex Gloves | 1200/Cs | 40151100 | 8500 |
| 15977-25 | 16" M E-Series Latex Gloves | 1200/Cs | 40151100 | 8500 |
| 15977-26 | 16" L E-Series Latex Gloves | 1200/Cs | 40151100 | 8500 |
| 15977-27 | 16" XL E-Series Latex Gloves | 1200/Cs | 40151100 | 8500 |
| 15977-28 | 14" S E-Series Latex Gloves | 400/Cs | 40151100 | 20700 |
| 15977-29 | 14" M E-Series Latex Gloves | 400/Cs | 40151100 | 20700 |
| 15977-30 | 14" L E-Series Latex Gloves | 400/Cs | 40151100 | 20700 |
| 15977-31 | 14" XL E-Series Latex Gloves | 400/Cs | 40151100 | 20700 |
| 15977-32 | 18" S E-Series Latex Gloves | 400/Cs | 40151100 | 10100 |
| 15977-33 | 18" M E-Series Latex Gloves | 400/Cs | 40151100 | 10100 |
| 15977-34 | 18" L E-Series Latex Gloves | 400/Cs | 40151100 | 10100 |
| 15977-35 | 18" XL E-Series Latex Gloves | 400/Cs | 40151100 | 10100 |

Cleaning Consumables

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



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|--|---------|----------|--------|
| 15957-68 | ThinTouch Nitrile BL 3.2 S | 1000/Cs | 40151900 | 5000 |
| 15957-69 | ThinTouch Nitrile BL 3.2 M | 1000/Cs | 40151900 | 5000 |
| 15957-70 | ThinTouch Nitrile BL 3.2 L | 1000/Cs | 40151900 | 5000 |
| 15957-71 | ThinTouch Nitrile BL 3.2 XL | 1000/Cs | 40151900 | 5000 |
| 15972-23 | ThinTouchPROtect Nitrile 9.5" S | 1000/Cs | 40151900 | 8000 |
| 15972-24 | ThinTouchPROtect Nitrile 9.5" M | 1000/Cs | 40151900 | 8000 |
| 15972-25 | ThinTouchPROtect Nitrile 9.5" L | 1000/Cs | 40151900 | 8000 |
| 15972-26 | ThinTouchPROtect Nitrile 9.5" XL | 1000/Cs | 40151900 | 8000 |
| 15970-26 | ThinTouchPROtect 12" S | 500/Cs | 40151900 | 6600 |
| 15970-27 | ThinTouchPROtect 12" M | 500/Cs | 40151900 | 6600 |
| 15970-28 | ThinTouchPROtect 12" L | 500/Cs | 40151900 | 6600 |
| 15970-29 | ThinTouchPROtect 12" XL | 500/Cs | 40151900 | 6600 |
| 16358-41 | ThinTouchPROtect 16" S | 500/Cs | 40151900 | 10100 |
| 16358-42 | ThinTouchPROtect 16" M | 500/Cs | 40151900 | 10100 |
| 16358-43 | ThinTouchPROtect 16" L | 500/Cs | 40151900 | 10100 |
| 16358-44 | ThinTouchPROtect 16" XL | 500/Cs | 40151900 | 10100 |
| 33689-20 | Gloves ESD High Temp 1000F (537°C) 14" L | Pair | 61169300 | 50900 |
| 33689-21 | Gloves ESD High Temp 1400F (760°C) 14" L | Pair | 61169300 | 70500 |
| 33689-22 | Gloves ESD High Temp 1400F (760°C) 18" L | Pair | 61169300 | 104000 |
| 33689-23 | Gloves ESD High Temp 1400F (760°C) 27" L | Pair | 61169300 | 121000 |
| 40211-30 | Gloves Heat Insulated Neoprene 14" M | Pair | 61161000 | 9000 |
| 40211-31 | Gloves Heat Insulated Neoprene 14" L | Pair | 61161000 | 9000 |
| 40211-32 | Gloves Heat Insulated Neoprene 14" XL | Pair | 61161000 | 9000 |

Sampling Tools

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



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



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|---|-------|----------|-------|
| 06286-57 | Liquid Sample Collector, HDPE, 500mm Length, 100mL | 20/Pk | 39269099 | 59500 |
| 06286-58 | Liquid Sample Collector, Sterile, HDPE, 500mm Length, 100mL | 20/Pk | 39269099 | 71400 |
| 06286-59 | Liquid Sample Collector, HDPE, 1000mm Length, 190mL | 20/Pk | 39269099 | 74800 |
| 06286-60 | Liquid Sample Collector, Sterile, HDPE, 1000mm Length, 190mL | 20/Pk | 39269099 | 94300 |
| 06043-13 | Viscous Sample Collector, HDPE, 1000mm Length, 190mL | 20/Pk | 39269099 | 77600 |
| 06043-14 | Viscous Sample Collector, Sterile, HDPE, 1000mm Length, 190mL | 20/Pk | 39269099 | 97100 |
| 06043-11 | Viscous Sample Collector, HDPE, 500mm Length, 100mL | 20/Pk | 39269099 | 62000 |
| 06043-12 | Viscous Sample Collector, Sterile, HDPE, 500mm Length, 100mL | 20/Pk | 39269099 | 73700 |

Sampling Tools

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



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|---|-------|----------|--------|
| 06286-03 | Slot Sampler, 3 openings, SS, 316L, 300mm (L) X 45mL | 1/Pk | 73269091 | 105000 |
| 06286-04 | Slot Sampler, 3 openings, SS, 316L, 600mm (L) X 10mL | 1/Pk | 73269091 | 147000 |
| 06286-05 | Slot Sampler, 4 openings, SS, 316L, 1000mm (L) X 190mL | 1/Pk | 73269091 | 234000 |
| 06286-06 | Slot Sampler, 5 openings, SS, 316L, 1500mm (L) X 300mL | 1/Pk | 73269091 | 265000 |
| 06286-07 | Slot Sampler, 5 openings, SS, 316L, 2000mm (L) X 370mL | 1/Pk | 73269091 | 311000 |
| 06286-08 | Slot Sampler, 3 openings, Alu, 300mm (L) X 80mL | 1/Pk | 76169990 | 53800 |
| 06286-09 | Slot Sampler, 5 openings, Alu, 1000mm (L) X 135mL | 1/Pk | 76169990 | 72300 |
| 06286-10 | Slot Sampler, 7 openings, Alu, 1500mm (L) X 190mL | 1/Pk | 76169990 | 77600 |
| 06286-11 | Slot Sampler, 7 openings, Alu, 2000mm (L) X 245mL | 1/Pk | 76169990 | 75600 |
| 06286-12 | Slot Sampler, 10 openings, Alu, 2500mm (L) X 350mL | 1/Pk | 76169990 | 110000 |
| 06286-19 | Slot Sampler, 3 openings, ST, HDPE, 620mm (L) X 100mL | 20/Pk | 39269099 | 92200 |
| 06286-20 | Slot Sampler, 3 openings, ST, HDPE, 970mm (L) X 170mL | 20/Pk | 39269099 | 136000 |
| 06286-21 | Slot Sampler, 1 openings, ST, HDPE, 620mm (L) X 50mL | 20/Pk | 39269099 | 72900 |
| 06286-22 | Slot Sampler, 1 openings, ST, HDPE, 970mm (L) X 50mL | 20/Pk | 39269099 | 91200 |
| 06286-46 | Powder Lance, Sterile, HDPE, 600mm Length, 125m | 20/Pk | 39269099 | 56400 |
| 06286-30 | Powder Sample Collector, Sterile, HDPE, 500mm Length, 10mL | 20/Pk | 39269099 | 74400 |
| 06286-31 | Powder Sample Collector, Sterile, HDPE, 1000mm Length, 10mL | 20/Pk | 39269099 | 83900 |
| 06286-32 | Powder Sample Collector, Sterile, HDPE, 500mm Length, 20mL | 20/Pk | 39269099 | 74400 |
| 06286-33 | Powder Sample Collector, Sterile, HDPE, 1000mm Length, 20mL | 20/Pk | 39269099 | 97800 |

Sampling Tools

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



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|---|--------|----------|-------|
| 06286-34 | Ladle, Sterile, PP, 43mm dia, 100mL | 40/Pk | 39269099 | 46100 |
| 06286-35 | Ladle, Sterile, HDPE, 48mm dia, 50mL | 40/Pk | 39269099 | 46100 |
| 06286-36 | Ladle, Blue, Sterile, HDPE, 48mm dia, 50mL | 40/Pk | 39269099 | 46100 |
| 06260-01 | Sterile Lab Sampling Scoops, Polystyrene, 60 mL (2 oz) | 100/Pk | 39269099 | 21800 |
| 06260-02 | Sterile Lab Sampling Scoops, Polystyrene, 120 mL (4 oz) | 100/Pk | 39269099 | 25000 |
| 06264-19 | Powder Spatula, Sterile, PS, 230 mm Length | 100/Pk | 39269099 | 30800 |
| 06264-24 | Powder Spatula, Sterile, PS, 330 mm Length | 100/Pk | 39269099 | 43700 |
| 06286-41 | Powder Lance, HDPE, 950mm Length, 200mL | 20/Pk | 39269099 | 60200 |
| 06286-42 | Powder Lance, Sterile, 950mm Length, HDPE, 200mL | 20/Pk | 39269099 | 74500 |
| 06286-43 | Powder Lance, HDPE, 400mm Length, 75mL | 20/Pk | 39269099 | 39800 |
| 06286-44 | Powder Lance, Sterile, HDPE, 400mm Length, 75mL | 20/Pk | 39269099 | 57300 |
| 06286-45 | Powder Lance, HDPE, 600mm Length, 125mL | 20/Pk | 39269099 | 49000 |

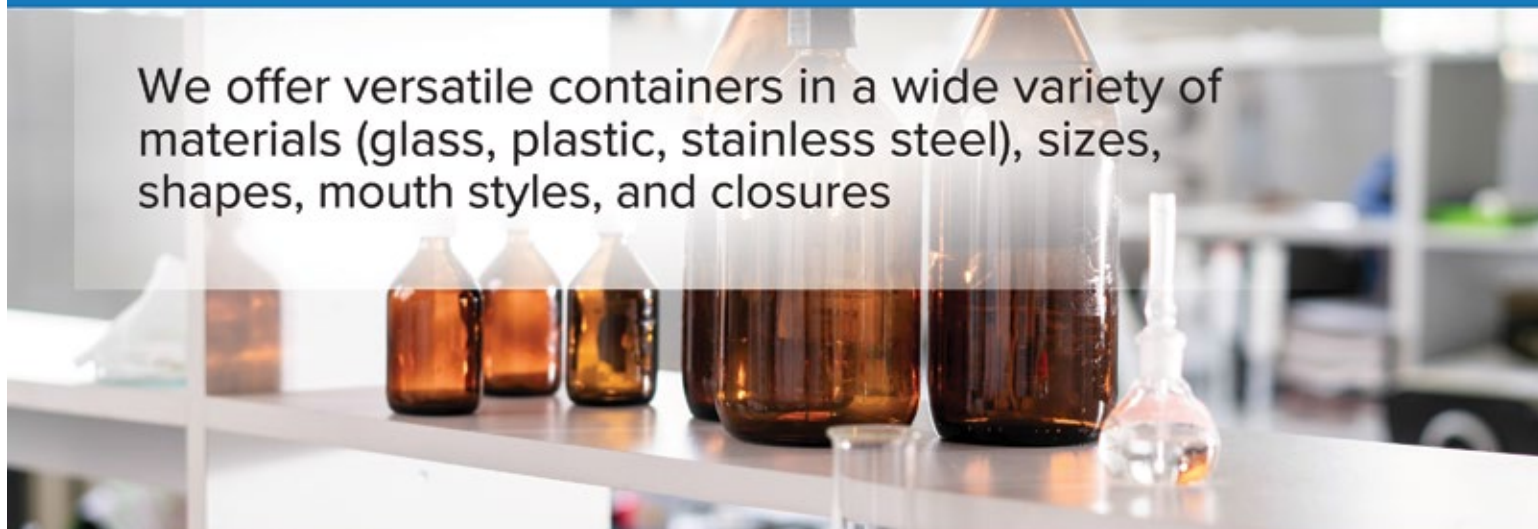
Selecting the Right Sampling Tools

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).

Bottles

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



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



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|--|-------|----------|-------|
| 06045-48 | Wide-Mouth Plastic Bottle, PP, 30mL (1oz) | 12/Pk | 39233090 | 6100 |
| 06045-56 | Wide-Mouth Plastic Bottle, PP, 60mL (2oz) | 12/Pk | 39233090 | 3900 |
| 06045-58 | Wide-Mouth Plastic Bottle, PP, 125mL (4oz) | 12/Pk | 39233090 | 5300 |
| 06045-62 | Wide-Mouth Plastic Bottle, PP, 250mL (8oz) | 12/Pk | 39233090 | 12100 |
| 06045-66 | Wide-Mouth Plastic Bottle, PP, 500mL (16oz) | 12/Pk | 39233010 | 16900 |
| 06045-68 | Wide-Mouth Plastic Bottle, PP, 1000mL (32oz) | 6/Pk | 39233090 | 12900 |
| 06057-10 | Wide-Mouth Plastic Bottle, PP, 2000mL (64oz) | 1/Pk | 39233090 | 4800 |
| 06057-20 | Wide-Mouth Plastic Bottle, PP, 4000mL (128oz) | 1/Pk | 39233090 | 6400 |
| 06257-05 | Heavy-Duty Plastic Bottle, PP, 250mL | 6/Pk | 39233090 | 21000 |
| 06257-10 | Heavy-Duty Plastic Bottle, PP, 1000mL | 6/Pk | 39233090 | 37500 |
| 06257-20 | Heavy-Duty Plastic Bottle, PP, 2000mL | 2/Pk | 39233090 | 15400 |
| 06257-00 | Heavy-Duty Plastic Bottle, PP, 4 L | 1/Pk | 39233090 | 12800 |
| 06257-30 | Heavy-Duty Plastic Bottle, PP, 5000mL | 1/Pk | 39233090 | 16700 |
| 06035-31 | Economy Wide-Mouth Plastic Bottle, HDPE, 30mL (1oz) | 12/Pk | 39233090 | 2400 |
| 06035-35 | Economy Wide-Mouth Plastic Bottle, HDPE, 60mL (2oz) | 12/Pk | 39233090 | 2500 |
| 06035-39 | Economy Wide-Mouth Plastic Bottle, HDPE, 125mL (4oz) | 12/Pk | 39233090 | 6000 |

Bottles

Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|--|-------|----------|-------|
| 06035-43 | Economy Wide-Mouth Plastic Bottle, HDPE, 250mL (8oz) | 12/Pk | 39233090 | 4300 |
| 06035-49 | Economy Wide-Mouth Plastic Bottle, HDPE, 500mL (16oz) | 48/Pk | 39233090 | 43000 |
| 06035-51 | Economy Wide-Mouth Plastic Bottle, HDPE, 1000mL (32oz) | 6/Pk | 39233090 | 6800 |
| 06035-38 | Economy Wide-Mouth Plastic Bottle, HDPE, 2000mL | 1/Pk | 39233090 | 3000 |
| 06055-20 | Wide-Mouth Plastic Bottle, HDPE, 4000mL | 1/Pk | 39233090 | 5900 |
| 06036-01 | Economy Amber Wide-Mouth Plastic Bottle, HDPE, 30mL (1oz) | 12/Pk | 39233090 | 3700 |
| 06036-05 | Economy Amber Wide-Mouth Plastic Bottle, HDPE, 60mL (2oz) | 12/Pk | 39233090 | 3700 |
| 06036-09 | Economy Amber Wide-Mouth Plastic Bottle, HDPE, 125mL (4oz) | 12/Pk | 39233090 | 4200 |
| 06036-13 | Economy Amber Wide-Mouth Plastic Bottle, HDPE, 250mL (8oz) | 12/Pk | 39233090 | 6300 |
| 06036-17 | Economy Amber Wide-Mouth Plastic Bottle, HDPE, 500mL (16oz) | 12/Pk | 39233090 | 8200 |
| 06036-21 | Economy Amber Wide-Mouth Plastic Bottle, HDPE, 1000mL (32oz) | 6/Pk | 39233090 | 7400 |
| 06043-10 | Wide-Mouth Plastic Bottle, LDPE, 30mL | 12/Pk | 39233090 | 5600 |
| 06043-20 | Wide-Mouth Plastic Bottle, LDPE, 60mL | 12/Pk | 39233090 | 5700 |
| 06043-30 | Wide-Mouth Plastic Bottle, LDPE, 125mL | 12/Pk | 39233090 | 6800 |
| 06043-40 | Wide-Mouth Plastic Bottle, LDPE, 250mL | 12/Pk | 39233090 | 9700 |
| 06043-50 | Wide-Mouth Plastic Bottle, LDPE, 500mL | 12/Pk | 39233090 | 13200 |
| 06043-60 | Wide-Mouth Plastic Bottle, LDPE, 1000mL | 6/Pk | 39233090 | 12400 |
| 34800-08 | Narrow Mouth Bottle, Amber Glass, 1000mL | 12/Cs | 70109000 | 13300 |
| 34800-22 | Wide Mouth Packer Bottle, Amber Glass, 30mL (1oz) | 24/Cs | 70109000 | 13200 |
| 34800-28 | Wide Mouth Packer Bottle, Amber Glass, 250mL (8.5oz) | 24/Cs | 70109000 | 11100 |
| 34800-32 | Wide Mouth Packer Bottle, Amber Glass, 1000mL (34oz) | 12/Cs | 70109000 | 9800 |
| 34800-36 | Wide Mouth Packer Bottle, Amber Glass, 2500mL (17oz) | 12/Cs | 70109000 | 49500 |
| 34800-48 | Graduated Round Bottle, Clear Glass, 500mL (16oz) | 48/Cs | 70109000 | 67800 |
| 34800-62 | Straight Side Round Jar, Clear Glass, 1000mL | 12/Cs | 70109000 | 12600 |

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



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|--|-------|----------|-------|
| 06035-07 | Economy Narrow-Mouth Plastic Bottle, HDPE, 30mL (1oz) | 12/Pk | 39233090 | 1500 |
| 06035-11 | Economy Narrow-Mouth Plastic Bottle, HDPE, 60mL (2oz) | 12/Pk | 39233090 | 1700 |
| 06035-15 | Economy Narrow-Mouth Plastic Bottle, HDPE, 125mL (4oz) | 12/Pk | 39233090 | 2100 |
| 06035-19 | Economy Narrow-Mouth Plastic Bottle, HDPE, 250mL (8oz) | 12/Pk | 39233090 | 4200 |

Bottles

Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|--|-------|----------|--------|
| 06035-23 | Economy Narrow-Mouth Plastic Bottle, HDPE, 500mL (16oz) | 12/Pk | 39233090 | 4600 |
| 06035-27 | Economy Narrow-Mouth Plastic Bottle, HDPE, 1000mL (32oz) | 6/Pk | 39233090 | 5400 |
| 06026-10 | Amber Narrow-Mouth Plastic Bottle, HDPE, 30mL (1oz) | 12/Pk | 39233090 | 3500 |
| 06026-20 | Amber Narrow-Mouth Plastic Bottle, HDPE, 60mL (2oz) | 12/Pk | 39233090 | 4400 |
| 06026-40 | Amber Narrow-Mouth Plastic Bottle, HDPE, 125mL (4oz) | 12/Pk | 39233090 | 5500 |
| 06026-50 | Amber Narrow-Mouth Plastic Bottle, HDPE, 250mL (8oz) | 12/Pk | 39233090 | 7500 |
| 06026-60 | Amber Narrow-Mouth Plastic Bottle, HDPE, 500mL (16oz) | 12/Pk | 39233090 | 11000 |
| 06026-70 | Amber Narrow-Mouth Plastic Bottle, HDPE, 1000mL (32oz) | 6/Pk | 39233090 | 9300 |
| 06038-21 | Narrow-Mouth Bottle, LDPE, 60mL (2oz) | 12/Pk | 39233090 | 4200 |
| 06038-23 | Narrow-Mouth Bottle, LDPE, 125mL (4oz) | 12/Pk | 39233090 | 5100 |
| 06038-25 | Narrow-Mouth Bottle, LDPE, 250mL (8oz) | 12/Pk | 39233090 | 7300 |
| 06038-27 | Narrow-Mouth Bottle, LDPE, 500mL (16oz) | 12/Pk | 39233090 | 11200 |
| 06038-29 | Narrow-Mouth Bottle, LDPE, 1000mL (32oz) | 6/Pk | 39233090 | 8100 |
| 06300-12 | Chemically Inert PTFE Bottle, 1 mL | 1/Pk | 39269099 | 5500 |
| 06300-16 | Chemically Inert PTFE Bottle, 5 mL | 1/Pk | 39269099 | 8000 |
| 06300-18 | Chemically Inert PTFE Bottle, 10 mL | 1/Pk | 39269099 | 11300 |
| 06300-24 | Chemically Inert PTFE Bottle, 25 mL | 1/Pk | 39269099 | 14300 |
| 06300-26 | Chemically Inert PTFE Bottle, 50 mL | 1/Pk | 39269099 | 14400 |
| 06300-28 | Chemically Inert PTFE Bottle, 100 mL | 1/Pk | 39269099 | 25400 |
| 06300-34 | Chemically Inert PTFE Bottle, 150 mL | 1/Pk | 39269099 | 27300 |
| 06300-36 | Chemically Inert PTFE Bottle, 250 mL | 1/Pk | 39269099 | 32800 |
| 06300-38 | Chemically Inert PTFE Bottle, 500 mL | 1/Pk | 39269099 | 52300 |
| 06300-42 | Chemically Inert PTFE Bottle, 1000 mL | 1/Pk | 39269099 | 76600 |
| 06300-44 | Chemically Inert PTFE Bottle, 2000 mL | 1/Pk | 39269099 | 119000 |

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



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|---|--------|----------|-------|
| 99540-21 | Pre-cleaned EPA Wide Mouth Septa Jar, Clear Glass, 125mL (4oz) | 24/Cs | 70179090 | 15900 |
| 99540-25 | Pre-cleaned EPA Wide Mouth Septa Jar, Amber Glass, 30mL (1oz) | 24/Cs | 70179090 | 14700 |
| 99540-30 | Pre-cleaned EPA Narrow Mouth Bottle, Amber Glass, 125mL (4oz) | 24/Cs | 70179090 | 9300 |
| 99540-31 | Pre-cleaned EPA Narrow Mouth Bottle, Amber Glass, 250mL (8.5oz) | 12/Cs | 70179090 | 5600 |
| 99540-32 | Pre-cleaned EPA Narrow Mouth Bottle, Amber Glass, 500mL (17oz) | 12/Cs | 70179050 | 6200 |
| 99540-34 | Pre-cleaned EPA Narrow Mouth Jug, Amber Glass, 2500mL (84.5oz) | 6/Cs | 70179090 | 11300 |
| 99540-35 | Pre-cleaned EPA Narrow Mouth Jug, Amber Glass, 4000mL (135oz) | 4/Cs | 70179090 | 19700 |
| 99540-38 | Pre-cleaned EPA Narrow Mouth Bottle, Amber Glass, 30mL (1oz) | .48/Cs | 70179090 | 12200 |

Bottles

Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|---|-------|----------|-------|
| 99540-39 | Pre-cleaned EPA Narrow Mouth Bottle, Amber Glass, 60mL (2oz) | 24/Cs | 70179090 | 8100 |
| 99540-42 | Pre-cleaned EPA Sample Jar, Clear Glass, 250mL (8.5oz) | 12/Cs | 70179090 | 6300 |
| 99540-44 | Pre-cleaned EPA Sample Jar, Clear Glass, 1000mL (34oz) | 12/Cs | 70179050 | 11500 |
| 99540-53 | Pre-cleaned EPA Wide Mouth Bottle, Amber Glass, 250mL (8.5oz) | 12/Cs | 70179090 | 5800 |
| 99540-57 | Pre-cleaned EPA Wide Mouth Bottle, Amber Glass, 1000mL (34oz) | 12/Cs | 70179090 | 18000 |

Glass Media Bottles

Made of borosilicate 3.3 glass, these Class A, round media bottles provide outstanding corrosion resistance and meet ASTM E438 requirements.

- Able to withstand temperatures from -50 to 550 °C (-58 to 1022 °F), they have a wide mouth opening that allows for easy pouring
- The clear, colorless walls have a marking spot for labeling and graduations showing approximate volume. Both the bottle and polypropylene cap are autoclavable



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|------------------------------|-------|----------|-------|
| 34503-38 | Glass Media Bottles, 100 mL | 10/Pk | 70172000 | 11500 |
| 34503-39 | Glass Media Bottles, 250 mL | 10/Pk | 70172000 | 16000 |
| 34503-40 | Glass Media Bottles, 500 mL | 10/Pk | 70172000 | 21600 |
| 34503-41 | Glass Media Bottles, 1000 mL | 10/Pk | 70172000 | 31400 |
| 34503-43 | Glass Media Bottles, 2000 mL | 10/Pk | 70172000 | 12300 |

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



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|----------------------------|--------|----------|-------|
| 15977-17 | Bottle PET Sterile 250 mL | 100/Cs | 39269099 | 22100 |
| 15977-18 | Bottle PET Sterile 500 mL | 100/Cs | 39269099 | 18000 |
| 15977-19 | Bottle PET Sterile 1000 mL | 48/Cs | 39269099 | 18000 |

Plasticware

Plasticware provides durable, cost-effective, and versatile solutions for various applications.

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



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|---|---------|----------|-------|
| 15971-32 | TC Petridish 35mm NT-S | 960/Cs | 39269099 | 22600 |
| 15971-33 | TC Petridish 60mm NT-S | 600/Cs | 39269099 | 15900 |
| 15971-34 | TC Petridish 70mm NT-S | 600/Cs | 39269099 | 15900 |
| 15971-35 | TC Petridish 90mm NT-S | 500/Cs | 39269099 | 16800 |
| 15971-36 | TC Petridish 100mm G-NT-S | 300/Cs | 39269099 | 10100 |
| 15971-37 | TC Petridish 150mm NT-S | 100/Cs | 39269099 | 13700 |
| 15971-38 | TC Petridish 150mm NT-S | 120/Cs | 39269099 | 19100 |
| 15971-39 | TC Petridish 35mm ST-S | 960/Cs | 39269099 | 26900 |
| 15971-40 | TC Petridish 60mm ST-S | 600/Cs | 39269099 | 20900 |
| 15971-41 | TC Petridish 70mm ST-S | 600/Cs | 39269099 | 19800 |
| 15971-42 | TC Petridish 90mm ST-S | 500/Cs | 39269099 | 23500 |
| 15971-43 | TC Petridish 100mm G-ST-S | 300/Cs | 39269099 | 14100 |
| 15971-44 | TC Petridish 150mm ST-S | 100/Cs | 39269099 | 16900 |
| 15971-45 | TC Petridish 150mm ST-S | 120/Cs | 39269099 | 22900 |
| 16348-41 | Petridish, Polystyrene, 90mm, Sterile, Individually Wrapped | 500/Cs | 39233090 | 5300 |
| 16348-42 | Petridish, Polystyrene, 90mm, Sterile, 10 Pieces/Sleeve, 56 Sleeves/Cs | 560/Cs | 39233090 | 5600 |
| 16348-43 | Petridish, Polystyrene, 90mm, Double Bagged, Sterile, 20 Pieces/Sleeve, 28 Sleeves/Cs | 560/Cs | 39233090 | 5900 |
| 16348-44 | Contact Plate, Polystyrene, 55mm, Sterile, Individually Wrapped | 1080/Cs | 39233090 | 11900 |
| 16348-45 | Contact Plate, Polystyrene, 55mm, Sterile, 10 Pieces/Sleeve, 108 Sleeves/Cs | 1080/Cs | 39233090 | 11300 |
| 16348-46 | Contact Plate, Polystyrene, 55mm, Double Bagged, Sterile, | 1080/Cs | 39233090 | 11600 |
| 16348-47 | Contact Plate, Lockable Lid, Polystyrene, 55mm, Sterile | 1080/Cs | 39233090 | 21600 |

Plasticware

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



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|-------------------------|--------|----------|-------|
| 15971-12 | TC Flask-NT-S PLG 25mL | 200/Cs | 39269099 | 12700 |
| 15971-13 | TC Flask-NT-S VNT 25mL | 200/Cs | 39269099 | 16300 |
| 15971-14 | TC Flask-NT-S PLG 50mL | 200/Cs | 39269099 | 13400 |
| 15971-15 | TC Flask-NT-S VNT 50mL | 200/Cs | 39269099 | 17400 |
| 15971-16 | TC Flask-NT-S PLG 250mL | 100/Cs | 39269099 | 13900 |
| 15971-17 | TC Flask-NT-S VNT 250mL | 100/Cs | 39269099 | 16800 |
| 15971-18 | TC Flask-NT-S PLG 600mL | 40/Cs | 39269099 | 10400 |
| 15971-19 | TC Flask-NT-S VNT 600mL | 40/Cs | 39269099 | 12300 |
| 15971-20 | TC Flask-NT-S PLG 850mL | 18/Cs | 39269099 | 9800 |
| 15971-21 | TC Flask-NT-S VNT 850mL | 18/Cs | 39269099 | 10900 |
| 15971-22 | TC Flask-ST-S PLG 25mL | 200/Cs | 39269099 | 14400 |
| 15971-23 | TC Flask-ST-S VNT 25mL | 200/Cs | 39269099 | 17400 |
| 15971-24 | TC Flask-ST-S PLG 50mL | 200/Cs | 39269099 | 15800 |
| 15971-25 | TC Flask-ST-S VNT 50mL | 200/Cs | 39269099 | 19100 |
| 15971-26 | TC Flask-ST-S PLG 250mL | 100/Cs | 39269099 | 17600 |
| 15971-27 | TC Flask-ST-S VNT 250mL | 100/Cs | 39269099 | 20300 |
| 15971-28 | TC Flask-ST-S PLG 600mL | 40/Cs | 39269099 | 12200 |
| 15971-29 | TC Flask-ST-S VNT 600mL | 40/Cs | 39269099 | 13900 |
| 15971-30 | TC Flask-ST-S PLG 850mL | 18/Cs | 39269099 | 10700 |
| 15971-31 | TC Flask-ST-S VNT 850mL | 18/Cs | 39269099 | 11700 |

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



Plasticware

Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|--|--------|----------|-------|
| 01927-70 | TC Plates with Lid, Sterile, Polystyrene, Treated, 6-Well | 100/Cs | 39269099 | 46700 |
| 01927-72 | TC Plates with Lid, Sterile, Polystyrene, Treated, 12-Well | 100/Cs | 39269099 | 35200 |
| 01927-74 | TC Plates with Lid, Sterile, Polystyrene, Treated, 24-Well | 100/Cs | 39269099 | 35200 |
| 01927-78 | TC Plates with Lid, Sterile, Polystyrene, Treated, 96-Well | 100/Cs | 39269099 | 46700 |
| 15972-60 | TC 6 Well NT-S | 100/Cs | 39269099 | 14600 |
| 15972-61 | TC 12 Well NT-S | 100/Cs | 39269099 | 16300 |
| 15972-62 | TC 24 Well NT-S | 100/Cs | 39269099 | 16300 |
| 15972-63 | TC 96 Well NT-S | 100/Cs | 39269099 | 14600 |

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



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|--|--------|----------|-------|
| 01959-14 | Cell Lifters, Sterile, HDPE, Flat and Narrow Blades | 100/Cs | 39269099 | 42800 |
| 01959-16 | Cell Lifters, Sterile, HDPE, Flat Blade and J-hook | 100/Cs | 39269099 | 42800 |
| 04396-53 | Cell Scraper, Sterile, 20 mm Pivoting Blade, 25 cm L | 100/Cs | 39269099 | 18300 |
| 04396-54 | Cell Scraper, Sterile, 30 mm Pivoting Blade, 39 cm L | 100/Cs | 39269099 | 25600 |

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



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|--|-------|----------|-------|
| 04396-00 | Cell Strainer, Sterile, 40 μm , Blue, Individually Wrapped | 50/Cs | 39269099 | 15200 |
| 04396-01 | Cell Strainer, Sterile, 70 μm , White, Individually Wrapped | 50/Cs | 39269099 | 15600 |
| 04396-02 | Cell Strainer, Sterile, 100 μm , Yellow, Individually Wrapped | 50/Cs | 39269099 | 15800 |

Plasticware

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-pyogenic



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|---|---------|----------|-------|
| 15971-85 | Cryovials 1.5mL Non Sterile | 810/Cs | 39269099 | 14800 |
| 15971-90 | Cryovials Self-Standing 0.5mL Sterile | 810/Cs | 39269099 | 24000 |
| 15971-93 | Cryovials Self-Standing 2.0mL Non Sterile | 810/Cs | 39269099 | 15400 |
| 15971-97 | Cryovials 2.0mL Non Sterile | 5000/Cs | 39269099 | 69900 |

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.



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|---|--------|----------|-------|
| 16398-82 | Centrifuge Tube 15mL, Non Sterile | 500/Cs | 39269099 | 4700 |
| 16398-83 | Centrifuge Tube 50mL | 500/Cs | 39269099 | 7400 |
| 16399-12 | Tube Cent 50mL Sterile | 500/Cs | 39269099 | 8100 |
| 16398-68 | Tube Cent 15mL Sterile | 500/Cs | 39269099 | 4900 |
| 16398-69 | Tube Self-ST NS 50mL | 500/Cs | 39269099 | 8200 |
| 16398-74 | Conical Tube 15mL, Individual Wrapped, Gamma Sterilized | 500/Cs | 39269099 | 9000 |
| 16398-75 | Conical Tube 50mL, Individual Wrapped, Gamma Sterilized | 500/Cs | 39269099 | 6200 |

Chromatography

Instrumentation and supplies for all your sample prep and analytical work.

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



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|---|----------|----------|-------|
| 16349-04 | Amber Crimp Vial 1.5mL | 1200/Cs | 70172000 | 4800 |
| 16349-36 | BL CAP W/PR-SLT Septa | 100/Pk | 90272000 | 530 |
| 16349-37 | EPA TOC Vials Clear | 100/Pk | 70179010 | 3500 |
| 16349-01 | Amber Screw Vial 2mL | 1200/Cs | 70172000 | 4800 |
| 16349-03 | Amber Crimp Vial 1.5mL | 100/Pk | 70172000 | 400 |
| 16349-26 | SN PE CAP W/WH Septa | 100/Pk | 90272000 | 490 |
| 16349-05 | Amber Screw Vial 2mL | 100/Pk | 70172000 | 400 |
| 16349-07 | Clear Crimp Vial 1.5mL | 100/Pk | 70172000 | 1000 |
| 16349-02 | Clear Screw Vial 2mL | 1200/Cs | 70172000 | 4300 |
| 16349-27 | SN Cap pre-slit Septa | 10000/Cs | 90272000 | 53200 |
| 16349-09 | BL Cap W/Non B-SL Septa | 10000/Pk | 90272000 | 58000 |
| 16349-12 | BL Cap W/Non B-SL Septa | 100/Pk | 90272000 | 370 |
| 16349-28 | SN Cap pre-slit Septa | 100/Pk | 90272000 | 530 |
| NC31196 | Silver, 11mm Open Top, Crimp Cap, Red-Orange Septa 1mm | 100/Pk | 90272000 | 2000 |
| NC31242 | Blue 9-425 Opn Top Ribbed Screw Cap Bonded, 9mm Red PTFE/White | 100/Pk | 90272000 | 770 |
| NC31207 | 20mm, Opn Top Alu Crimp Cap (10mmHole), Natural PTFE/Wht, 100pcs/CS | 100/Pk | 90272000 | 1200 |
| NC31141 | Bonded pre-slit caps septa | 100/Pk | 90272000 | 770 |
| NC40936 | 9mm Amber Glass Screw Type Vials Write On | 100/Pk | 70179090 | 340 |
| NC40935 | 9mm Clear Glass Screw Type Vials Write On | 100/Pk | 70179090 | 300 |
| NC31313 | Smart Pack - USP Type 1 | 100/Pk | 90272000 | 1600 |
| NC31353 | Smart Pack - USP Type 1, Amber | 100/Pk | 90272000 | 1600 |
| NC31389 | 2ml Clr Glass Flat Base Snap Vials and Snap Caps Combo | 100/Pk | 90272000 | 1500 |
| NC31390 | 2ml Amber Glass Flat Base Snap Vials and Snap Caps Combo | 100/Pk | 90272000 | 1900 |

Chromatography

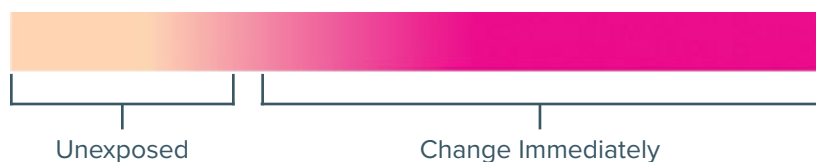
VapLock™ Solvent Waste Kits

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.



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|--|-------|----------|--------|
| 12020-67 | Solvent Collection system 70mm PP Manifold 20L | 1 | 90279090 | 55200 |
| 12020-68 | Solvent Collection system 70mm PTFE Manifold 20L | 1 | 90279090 | 80600 |
| 12020-69 | Solvent Collection system JRQD PP Manifold 20L | 1 | 90279090 | 166000 |
| 12020-70 | Solvent Collection system JRQD PTFE Manifold 20L | 1 | 90279050 | 295000 |
| 12020-03 | VapLock™ Fitting, Green PP w/ Blue ETFE, Straight, 1/16" OD x 1/4-28 UNF | 10/PK | 39174000 | 10100 |
| 12020-88 | VapLock™ Barbed Y Fitting, Polypropylene, 1/4" ID Tubing | 10/PK | 39174000 | 4700 |
| 12019-52 | Solvent Waste Kit PP JRPP 10 Port | 1 | 90279090 | 41800 |
| 12019-54 | VapLock™ Solvent Waste Kit, PTFE, Justrite SS | 1 | 90279090 | 54900 |
| 12019-80 | VapLock™ Exhaust Filter with Indicator, 75 g activated carbon | 1 | 90279090 | 10600 |
| 12019-82 | Indicator Breakthrough | 1 | 90279090 | 6900 |
| 12019-83 | VapLock™ Breakthrough Indicator for Exhaust Filters | 5/Pk | 90279090 | 32800 |
| 12019-84 | VapLock™ Exhaust Filter, 300g activated carbon, | 1 | 90279090 | 17400 |
| 12018-00 | VapLock™ Solvent Delivery Cap with 304 SS Port Thread Inserts | 1 | 90279090 | 6400 |
| 12018-03 | VapLock™ Solvent Delivery Cap, two 1/4"-28 ports | 1 | 90279090 | 9000 |
| 12018-06 | VapLock™ Solvent Delivery Cap with EPDM Air Inlet Valve | 1 | 90279090 | 6000 |



**Trusted Partner for Air, Water,
and Soil Testing Solutions**



Environmental Express

Rely on us for Scalable Electrochemistry Solutions

Pocket Testers

Bring the performance of your lab instruments into the field.

pH | Conductivity | TDS | Salinity | ORP | Multiparameter

- High pH accuracy +/- 0.1/0.01 - 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



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|--|-----|----------|-------|
| 35634-30 | Environmental Express Oakton pHTestr® 30+ Waterproof Pocket Tester | 1 | 90278090 | 20600 |
| 35634-34 | Environmental Express Oakton PCTSTestr™ 30 Waterproof Multiparameter Pocket Tester | 1 | 90278980 | 41700 |
| 35634-32 | Environmental Express Oakton ORPTestr® 30 Double Junction Waterproof ORP Pocket Tester | 1 | 90278990 | 21700 |
| 35634-15 | Environmental Express Oakton pHTestr® 50 Waterproof Pocket pH Tester | 1 | 90278090 | 53400 |
| 35634-05 | Environmental Express Oakton EcoTestr™ pH1 Waterproof pH Pocket Tester | | 90278090 | 12100 |
| 35634-16 | Environmental Express Oakton pHTestr® 5 Waterproof pH Pocket Tester | 1 | 90278090 | 10900 |
| 35634-52 | Environmental Express Oakton pHTestr® 5S Spear-Tip Waterproof pH Pocket Tester | 1 | 90278090 | 45300 |
| 35634-60 | Environmental Express Oakton PCTSTestr™ 5 Waterproof Multiparameter Pocket Tester | 1 | 90278090 | 32700 |
| 35634-42 | Environmental Express Oakton CTSTestr™ 5 Waterproof Conductivity Pocket Tester | 1 | 90278090 | 24000 |
| 35634-54 | Environmental Express Oakton ORPTestr® 5 Waterproof ORP Pocket Tester | 1 | 90278090 | 17900 |
| 35634-06 | Environmental Express Oakton EcoTestr™ EC1 Waterproof Conductivity Pocket Tester | 1 | 90278090 | 13300 |
| 35634-08 | Environmental Express Oakton EcoTestr™ TDS1 Waterproof TDS Pocket Tester | 1 | 90278090 | 13400 |

Environmental Express

Environmental Express 100 series 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.

- 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



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|--|-----|----------|--------|
| 35613-28 | Environmental Express pH 100 Portable pH Meter with ATC Temperature Probe | 1 | 90278090 | 50000 |
| 35613-25 | Environmental Express pH 100 Portable pH meter with pH and Temperature Probes | 1 | 90278980 | 58200 |
| 35613-27 | Environmental Express pH 100 Portable pH Meter Kit with Case, pH and Temperature Probes, and Solutions | 1 | 90278930 | 67900 |
| 35604-10 | Environmental Express EC 100 Portable Conductivity Meter with EC/ATC Probe | 1 | 90278930 | 68400 |
| 35604-15 | Environmental Express EC 100 Portable Conductivity Meter Kit with Case, EC/ATC Probe, and Solutions | 1 | 90278930 | 78600 |
| 35613-65 | Environmental Express ION 100 Portable Ion Meter with Temperature Probe | 1 | 90278930 | 74900 |
| 35613-68 | Environmental Express ION 100 Portable Ion Meter Kit with Case and pH/Temperature Probe | 1 | 90278930 | 82400 |
| 35643-00 | Environmental Express DO 100 Portable DO Meter and DO Probe | 1 | 90278930 | 137000 |
| 35643-05 | Environmental Express DO 100 Portable DO Meter Kit with DO Probe and Case | 1 | 90278930 | 129000 |
| 35613-45 | Environmental Express PC 100 Portable pH/Conductivity Meter with pH, Conductivity, and ATC Probes | 1 | 90278930 | 101000 |
| 35613-46 | Environmental Express PC 100 Portable pH/Conductivity Meter Kit with pH, Conductivity, and ATC Probes, Case, and Solutions | 1 | 90278930 | 112000 |

Environmental Express 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)
- IP67 water ingress, dust-proof, shock-resistant, anti-slip meter housing
- Adjustable auto shut-off time (1 to 30 minutes)
- Auto-hold / Auto stable / Real-time measurement modes with stability indicators



Environmental Express

Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|--|-----|----------|--------|
| 35660-10 | Environmental Express PH250 Waterproof pH and ORP Handheld Meter Kit | 1 | 90278031 | 85300 |
| 35660-34 | Environmental Express PH250 Waterproof pH and ORP Handheld Meter | 1 | 90278930 | 64500 |
| 35660-14 | Environmental Express EC250 Waterproof Conductivity, TDS, Resistivity, and Salinity Handheld Meter Kit | 1 | 90278031 | 95200 |
| 35660-12 | Environmental Express PH260 Waterproof pH and ORP Handheld Meter Kit | 1 | 90278930 | 109000 |
| 35660-36 | Environmental Express PH260 Waterproof pH and ORP Handheld Meter | 1 | 90278930 | 84500 |
| 35660-16 | Environmental Express EC260 Waterproof Conductivity, TDS, Resistivity, and Salinity Handheld Meter Kit | 1 | 90278031 | 120000 |
| 35660-28 | Environmental Express PC260 Waterproof Dual-Channel pH, ORP, Conductivity, TDS, Resistivity, and Salinity Handheld Meter Kit | 1 | 90278031 | 167000 |
| 35660-48 | Environmental Express PC260 Waterproof Dual-Channel pH, ORP, Conductivity, TDS, Resistivity, and Salinity Handheld Meter | 1 | 90278930 | 110000 |

Environmental Express 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
- IP67 water ingress, dust-proof, shock-resistant, anti-slip meter housing
- Auto-hold / Auto stable with stability indicator and Real-time measurement modes
- Data transfer without a special software from the meter to a computer via USB connection



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|--|-----|----------|--------|
| 35660-76 | Environmental Express PC360 Waterproof Dual-Channel pH, ORP, Conductivity, TDS, Resistivity, and Salinity Smart Handheld Meter Kit | 1 | 90278031 | 304000 |
| 35660-78 | Environmental Express PD360 Waterproof Dual-Channel pH, ORP, and DO Smart Handheld Meter Kit | 1 | 90278031 | 402000 |
| 35660-80 | Environmental Express PCD380 Waterproof 3-Channel pH, ORP, Conductivity, TDS, Resistivity, Salinity, and DO Smart Handheld Meter Kit | 1 | 90278031 | 535000 |
| 35660-82 | Environmental Express WQ350 Waterproof Single-Channel Smart Handheld Meter | 1 | 90278930 | 110000 |
| 35660-84 | Environmental Express WQ360 Waterproof Dual-Channel Smart Handheld Meter | 1 | 90278930 | 123000 |
| 35660-86 | Environmental Express WQ380 Waterproof 3-Channel Smart Handheld Meter | 1 | 90278930 | 136000 |
| 35660-70 | Environmental Express PH350 Waterproof Single-Channel pH and ORP Smart Handheld Meter Kit | 1 | 90278931 | 185000 |
| 35660-72 | Environmental Express EC350 Waterproof Single-Channel Conductivity, TDS, Resistivity, and Salinity Smart Handheld Meter Kit | 1 | 90278930 | 208000 |
| 35660-74 | Environmental Express DO350 Waterproof Single-Channel DO Smart Handheld Meter Kit | 1 | 90278931 | 265000 |

Environmental Express

Environmental Express Oakton Portable 6+ Series Meters

- Various configurations to measure pH, mv, ORP, conductivity, TDS, salinity, temperature, ion concentration, dissolved oxygen
- Auto-ranging and multiple measurement modes
- Good accuracy and resolution specs
- Convenient and compact design



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|--|-----|----------|--------|
| 35643-12 | Environmental Express Oakton DO6+ Dissolved Oxygen Meter with Probe | 1 | 90278090 | 209000 |
| 35604-04 | Environmental Express Oakton CON 6+ Handheld Conductivity Meter Kit | 1 | 90278090 | 151000 |
| 35613-24 | Environmental Express Oakton pH 6+ Handheld Meter Kit with Case, Solutions, and pH/ATC Probe | 1 | 90278090 | 146000 |
| 35643-14 | Environmental Express Oakton DO6+ Dissolved Oxygen Meter Kit | 1 | 90278090 | 232000 |
| 35613-80 | Environmental Express Oakton Ion 6+ Handheld Meter with ATC Probe | 1 | 90278090 | 170000 |
| 35613-22 | Environmental Express Oakton pH 6+ Handheld Meter with pH Probe | 1 | 90278090 | 123000 |

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.
- White light configuration for compliance with US EPA method 180.1 and Infrared configuration for compliance with European standard ISO 7027 (DIN EN 27027) method



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|---|-----|----------|--------|
| 35635-21 | Environmental Express T80WL Portable White Light Turbidity Meter Kit | 1 | 90278090 | 154000 |
| 35635-22 | Environmental Express T80IR Portable Infrared Light Turbidity Meter Kit | 1 | 90278090 | 142000 |
| 35635-10 | Environmental Express Oakton T-100WL Portable White Light Turbidity Meter Kit | 1 | 90275090 | 223000 |
| 35635-15 | Environmental Express Oakton T-100IR Portable Infrared Turbidity Meter Kit | 1 | 90275090 | 196000 |
| 35635-20 | Environmental Express Oakton Replacement Turbidity Calibration Solution Kit for White Light Instrument Calibrations | 1 | 90275030 | 45300 |
| 35635-23 | Environmental Express Oakton Replacement Turbidity Calibration Solution Kit for Infrared Instrument Calibrations | 1 | 90275090 | 39700 |
| 35635-24 | Environmental Express 0 NTU Calibration Solution for Turbidity Meters | 1 | 29173940 | 17200 |
| 35635-52 | Environmental Express Oakton Replacement Turbidity Calibration Solution Kit; 0.02, 20, 100, and 800 NTU Standards | 1 | 38229090 | 176000 |

Environmental Express

Environmental Express Oakton 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



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|--|-----|----------|-------|
| 35419-30 | Environmental Express Oakton PH 550 Benchtop pH Meter Kit | 1 | 90278090 | 71900 |
| 35419-35 | Environmental Express Oakton CON 550 Benchtop Conductivity Meter Kit | 1 | 90278090 | 79600 |

Environmental Express Oakton 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



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|---|-----|----------|--------|
| 35419-10 | Environmental Express Oakton pH 700 Benchtop Meter with Probes and Stand | 1 | 90278090 | 100000 |
| 35411-00 | Environmental Express Oakton EC 700 Benchtop Meter with Probe and Stand | 1 | 90278090 | 80300 |
| 35413-00 | Environmental Express Oakton PC700 Meter w/pH electrode, conductivity/temp probe, and electrode stand | 1 | 90278090 | 181000 |
| 35419-22 | Environmental Express Oakton pH/Ion 700 Ion 700 Benchtop Meter with electrode stand | 1 | 90278090 | 131000 |
| 35415-00 | Environmental Express Oakton DO 700 Benchtop Dissolved Oxygen Meter Kit | 1 | 90278090 | 182000 |

Environmental Express 1500/2000 Series Benchtops Meters

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



Environmental Express

Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|---|-----|----------|--------|
| 35419-41 | Environmental Express 1500 pH Benchtop Meter with Electrode Stand | 1 | 90278090 | 73200 |
| 35419-40 | Environmental Express 1500 pH Benchtop Meter Kit | 1 | 90278090 | 83200 |
| 35419-45 | Environmental Express 1500 EC Benchtop Meter Kit | 1 | 90278090 | 105000 |
| 35419-46 | Environmental Express 1500 EC Benchtop Meter with Electrode Stand | 1 | 90278090 | 92300 |
| 35419-51 | Environmental Express 1500 PC Benchtop Meter with Electrode Stand | 1 | 90278090 | 129000 |
| 35419-50 | Environmental Express 1500 PC Benchtop Meter Kit | 1 | 90278090 | 168000 |
| 35419-54 | Environmental Express pH 2000 Benchtop Meter Kit | 1 | 90278090 | 138000 |
| 35419-55 | Environmental Express pH 2000 Benchtop Meter with Electrode Stand | 1 | 90278090 | 130000 |
| 35419-60 | Environmental Express EC 2000 Benchtop Meter Kit | 1 | 90278090 | 176000 |
| 35419-62 | Environmental Express EC 2000 Benchtop Meter with Electrode Stand | 1 | 90278090 | 146000 |
| 35419-65 | Environmental Express PC 2000 Benchtop Meter Kit | 1 | 90278090 | 230000 |
| 35419-67 | Environmental Express PC 2000 Benchtop Meter with Electrode Stand | 1 | 90278090 | 196000 |
| 35419-70 | Environmental Express Ion 2000 Benchtop Meter Kit | 1 | 90278090 | 192000 |
| 35419-72 | Environmental Express Ion 2000 Benchtop Meter with Electrode Stand | 1 | 90278090 | 167000 |
| 35419-74 | Environmental Express DO 2000 Benchtop Meter Kit | 1 | 90278090 | 328000 |
| 00653-00 | Environmental Express Oakton Zero Oxygen Calibration Solution, 500 mL | 1 | 38220019 | 4600 |
| 35419-76 | Environmental Express DO 2000 Benchtop Meter with Electrode Stand | 1 | 90278090 | 195000 |
| 35419-78 | Environmental Express PD 2000 Benchtop Meter Kit | 1 | 90278090 | 379000 |
| 35419-80 | Environmental Express PD 2000 Benchtop Meter with Electrode Stand | 1 | 90278090 | 225000 |

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 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.



Environmental Express

Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|---|-----|----------|-------|
| 15946-62 | Cole-Parmer Single Jn. Epoxy Body pH Electrode; BNC | 1 | 90279090 | 3300 |
| 15946-63 | Cole-Parmer Double Jn. Epoxy Body pH Electrode; BNC | 1 | 90279090 | 3800 |
| 35805-05 | Environmental Express pH Probe, Sealed, SJ, Epoxy, High pH Sodium, 3 ft Cable, BNC | 1 | 90278031 | 10700 |
| 35816-72 | Cole-Parmer All-in-One pH/ATC Electrode for 600 series meters, Double-Junction | 1 | 90278031 | 24100 |
| 35808-72 | Environmental Express Waterproof pH Electrode with ATC, Double-Junction, Epoxy-Body, Gel-Filled | 1 | 90278031 | 28700 |
| 35419-42 | Environmental Express 1500 All-in-One pH Electrode | 1 | 90279020 | 23100 |
| 59001-70 | Environmental Express pH Electrode, Combination, Double-Junction, Gel Filled | 1 | 90279090 | 14300 |
| 35419-31 | Environmental Express Oakton PH 550 Replacement pH Electrode with Temperature Sensor | 1 | 90278031 | 13100 |
| 35811-71 | Environmental Express Oakton All-in-One pH/ATC Electrode, Epoxy, Sealed, Single-Junction, 12 mm OD; 3 ft Sub-Mini/BNC | 1 | 90278031 | 19300 |
| 35608-72 | Environmental Express Oakton Conductivity Probe, 2-cell, K = 0.1, Epoxy Body/Pt bands, 2.5-ft Cable | 1 | 90278031 | 26200 |
| 35805-01 | Environmental Express General-Purpose pH Probe, Sealed, DJ, Epoxy, 3 ft Cable, BNC | 1 | 90278031 | 14700 |
| 05992-00 | Environmental Express pH Electrodes for Field Use; Single-Junction 3 Foot Cable | 1 | 90278031 | 21000 |
| 05990-65 | Environmental Express pH electrode-Flat, Sealed, 127 mm x 12 mm | 1 | 90278031 | 26100 |
| 35808-71 | Environmental Express Waterproof pH Electrode with ATC, Single-Junction, Polycarbonate-Body, Gel-Filled | 1 | 90278990 | 19300 |
| 59001-65 | Environmental Express pH Electrode, Single-Junction, Gel, BNC Connector | 1 | 90279090 | 14100 |
| 59002-76 | Environmental Express All-in-One pH/ATC Probe, Sealed/DJ/Epoxy | 1 | 90278031 | 25500 |

Electrodes

Glass-Body 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. A Complete range of conductivity probes is also available.



Environmental Express

Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|--|-----|----------|-------|
| 15946-60 | Cole-Parmer Single Jn. Glass Body pH Electrode, Glass/3 ft Cable; BNC | 1 | 90279090 | 7000 |
| 15946-61 | Cole-Parmer Double Jn. Glass Body pH Electrode, Glass/3 ft Cable; BNC | 1 | 90279090 | 3800 |
| 15945-54 | Cole-Parmer High Precision pH Electrode, Glass/3 ft Cable; BNC | 1 | 90279090 | 10800 |
| 15946-59 | Cole-Parmer Non-Aqueous pH Electrode | 1 | 90279090 | 19700 |
| 15945-55 | Cole-Parmer Semi-Micro pH Electrode, Glass/3 ft Cable; BNC | 1 | 90279090 | 28300 |
| 15945-56 | Cole-Parmer Glass-body Micro pH Electrode | 1 | 90279090 | 55100 |
| 05991-44 | Cole-Parmer pH electrode, Refillable, flat-surface | 1 | 90278031 | 19100 |
| 59001-34 | Environmental Express Combination pH electrode, Glass, Refillable, Double-Junction, BNC | 1 | 90278031 | 32600 |
| 35805-04 | Environmental Express General-Purpose pH Probe, Refillable, DJ, Glass, 3 ft Cable, BNC | 1 | 90278030 | 26000 |
| 05998-30 | Environmental Express Environmental Express/ Oakton® pH electrode, combination, double-junction, KNO3 gel, glass body, BNC | 1 | 90278031 | 25800 |
| 05990-40 | Environmental Express pH electrode, Refillable/SJ/Glass/Extra-Long/Thin/326x8mm; BNC | 1 | 90278031 | 32900 |

Environmental Express pH Electrode Storage and Cleaning Solutions

- Preventive maintenance promotes better probe performances
- Regular cleaning and proper storage maintain optimal function and ensure accurate results
- Extend electrode lifespan and reduce electrode replacement cycles



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|--|-----|----------|-------|
| 00653-06 | Environmental Express Oakton Electrode Cleaning Solution, 500 mL | 1 | 38221990 | 4500 |
| 00653-04 | Environmental Express Oakton Electrode Storage Solution, 500 mL | 1 | 38221990 | 3500 |

Environmental Express Oakton® Reference Fill Solutions

- Choose from two types of reference fill solutions: 3.8 KCl with AgCl for Ag/AgCl electrodes or 4 KCl for calomel
- Both solutions come in a pack of two 125-mL — enough to fill approximately 25 electrodes



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|--|------|----------|-------|
| 05992-47 | Environmental Express Oakton Electrode Fill Solution, 3.8M KCL, 125 mL | 2/Pk | 38220019 | 10700 |
| 05992-48 | Environmental Express Oakton Fill Solution 4.0M KCL, 125 mL | 2/Pk | 38220019 | 7800 |

Environmental Express

Ion Selective Electrodes

- Electrodes are double-junction combination ion-selective electrodes and are convenient to use in places where two electrodes won't fit
- Use with a meter that has a resolution of 0.1 mV for the most accurate results; a meter with direct readings in ppm is preferred
- Economy Epoxy Electrodes have a durable epoxy body and are well suited for portable field applications. Outer reference chamber is silver-free and resists contamination. These electrodes are refillable
- Laboratory Glass Electrodes are double-junction in design, with a glass body that provides high-quality measurements for your laboratory applications. Improved glass seal enhances performance and reliability
- Sealed inner junctions and refillable outer junctions accommodate special reference fill solutions—ideal for low-concentration measurements



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|---|-----|----------|-------|
| 27504-02 | Environmental Express Oakton by Cole-Parmer® Combination Ion-Selective Electrode (ISE), Bromide (Br) | 1 | 38220019 | 48300 |
| 27502-05 | Environmental Express Oakton by Cole-Parmer® Ion-Selective Electrode (ISE), Bromide, Double-Junction, BNC | 1 | 90278031 | 69900 |
| 27504-04 | Environmental Express Oakton by Cole-Parmer® Combination Ion-Selective Electrode (ISE), Cadmium (Cd+2) | 1 | 90278031 | 56700 |
| 27502-07 | Environmental Express Oakton by Cole-Parmer® Ion-Selective Electrode (ISE), Cadmium, Double-Junction, BNC | 1 | 90278031 | 62500 |
| 27504-06 | Environmental Express Oakton by Cole-Parmer® Combination Ion-Selective Electrode (ISE), Calcium (Ca+2) | 1 | 90278031 | 54500 |
| 27502-09 | Environmental Express Oakton by Cole-Parmer® Ion-Selective Electrode (ISE), Calcium, Double-Junction, BNC | 1 | 90278031 | 76300 |
| 27504-08 | Environmental Express Oakton by Cole-Parmer® Combination Ion-Selective Electrode (ISE), Chloride (Cl) | 1 | 90279090 | 43300 |
| 27502-13 | Environmental Express Oakton by Cole-Parmer® Ion-Selective Electrode (ISE), Chloride, Double-Junction, BNC | 1 | 90278031 | 72100 |
| 27504-10 | Environmental Express Oakton by Cole-Parmer® Combination Ion-Selective Electrode (ISE), Copper (Cu+2) | 1 | 38220019 | 56700 |
| 27502-15 | Environmental Express Oakton by Cole-Parmer® Ion-Selective Electrode (ISE), Copper, Double-Junction, BNC | 1 | 90278031 | 73500 |
| 27504-12 | Environmental Express Oakton by Cole-Parmer® Combination Ion-Selective Electrode (ISE), Cyanide (CN) | 1 | 38221990 | 47300 |
| 27502-17 | Environmental Express Oakton by Cole-Parmer® Ion-Selective Electrode (ISE), Cyanide, Double-Junction, BNC | 1 | 90278031 | 60500 |
| 27504-14 | Environmental Express Oakton by Cole-Parmer® Combination Ion-Selective Electrode (ISE), Fluoride (F) | 1 | 90278031 | 55500 |
| 27502-19 | Environmental Express Oakton by Cole-Parmer® Ion-Selective Electrode (ISE), Fluoride, Double-Junction, BNC | 1 | 90278990 | 65400 |

Environmental Express

Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|--|-----|----------|-------|
| 27504-18 | Environmental Express Oakton by Cole-Parmer® Combination Ion-Selective Electrode (ISE), Iodide (I) | 1 | 90278031 | 48900 |
| 27502-23 | Environmental Express Oakton by Cole-Parmer® Ion-Selective Electrode (ISE), Iodide, Double-Junction, BNC | 1 | 38220019 | 57400 |
| 27504-20 | Environmental Express Oakton by Cole-Parmer® Combination Ion-Selective Electrode (ISE), Lead (Pb+2) | 1 | 90278031 | 56700 |
| 27502-25 | Environmental Express Oakton by Cole-Parmer® Ion-Selective Electrode (ISE), Lead, Double-Junction, BNC | 1 | 90278031 | 70200 |
| 27504-22 | Environmental Express Oakton by Cole-Parmer® Combination Ion-Selective Electrode (ISE), Nitrate | 1 | 90278031 | 55700 |
| 27502-31 | Environmental Express Oakton by Cole-Parmer® Ion-Selective Electrode (ISE), Nitrate, Double-Junction, BNC | 1 | 90278031 | 72000 |
| 27504-24 | Environmental Express Oakton by Cole-Parmer® Combination Ion-Selective Electrode (ISE), Perchlorate (ClO4) | 1 | 90278031 | 55100 |
| 27502-35 | Environmental Express Oakton by Cole-Parmer® Ion-Selective Electrode (ISE), Perchlorate, Double-Junction, BNC | 1 | 90278031 | 74800 |
| 27504-26 | Environmental Express Oakton by Cole-Parmer® Combination Ion-Selective Electrode (ISE), Potassium (K+) | 1 | 90278031 | 58200 |
| 27502-39 | Environmental Express Oakton by Cole-Parmer® Ion-Selective Electrode (ISE), Potassium, Double-Junction, BNC | 1 | 90278031 | 71200 |
| 27504-28 | Environmental Express Oakton by Cole-Parmer® Combination Ion-Selective Electrode (ISE), Silver/Sulfide(Ag+S2) | 1 | 90278031 | 50100 |
| 27502-41 | Environmental Express Oakton by Cole-Parmer® Ion-Selective Electrode (ISE), Silver/Sulfide, Double-Junction, BNC | 1 | 90279090 | 79000 |
| 27504-30 | Environmental Express Oakton by Cole-Parmer® Combination Ion-Selective Electrode (ISE), Sodium (Na+) | 1 | 38220019 | 32900 |
| 27502-43 | Environmental Express Oakton by Cole-Parmer® Ion-Selective Electrode (ISE), Sodium, Double-Junction, BNC | 1 | 90278031 | 49700 |
| 27504-32 | Cole-Parmer Combination Ion-Selective Electrode (ISE), Surfactant (X+/X) | 1 | 90278031 | 56700 |
| 27502-45 | Environmental Express Oakton by Cole-Parmer® Ion-Selective Electrode (ISE), Surfactant, Double-Junction, BNC | 1 | 38220019 | 75700 |
| 27504-34 | Environmental Express Oakton by Cole-Parmer® Combination Ion-Selective Electrode (ISE), Water hardness (Ca+2/Mg+) | 1 | 90278031 | 55100 |
| 27502-49 | Environmental Express Oakton by Cole-Parmer® Ion-Selective Electrode (ISE), Water Hardness, Double-Junction, BNC | 1 | 90278031 | 76200 |

Environmental Express

Cole-Parmer® Solutions and Kits for Ion-Selective Electrodes

- Multiple ion solutions are available
- Kits contain a 60 mL bottle of fill solution, a 475 mL bottle of standard, and a 475 mL bottle of ISA
- Individual bottles also listed



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|---|-----|----------|-------|
| 27502-53 | Cole-Parmer Ammonium (NH ₄ ⁺) ISE Double junction solution kits | 1 | 38221990 | 20400 |
| 27502-55 | Cole-Parmer Bromide (Br ⁻) ISE Double junction solution kits | 1 | 38220019 | 21200 |
| 27502-57 | Cole-Parmer Cadmium (Cd ²⁺) ISE Double junction solution kits | 1 | 38220019 | 14200 |
| 27502-59 | Cole-Parmer Calcium (Ca ²⁺) ISE Double junction solution kits | 1 | 38220019 | 21200 |
| 27502-63 | Cole-Parmer Chloride (Cl ⁻) ISE Double junction solution kits | 1 | 38221990 | 21100 |
| 27502-65 | Cole-Parmer Copper (Cu ²⁺) ISE Double junction solution kits | 1 | 38220019 | 21200 |
| 27502-69 | Cole-Parmer Fluoride (F ⁻) ISE Double junction solution kits | 1 | 38220019 | 21300 |
| 27502-73 | Cole-Parmer Iodide (I ⁻) ISE Double junction solution kits | 1 | 38229090 | 18700 |
| 27502-79 | Cole-Parmer Nitrate (NO ₃ ⁻) ISE Double junction solution kits | 1 | 38229090 | 23300 |
| 27502-85 | Cole-Parmer Perchlorate (ClO ₄ ⁻) ISE Double junction solution kits | 1 | 38229090 | 24200 |
| 27502-89 | Cole-Parmer Potassium (K ⁺) ISE Double junction solution kits | 1 | 38229090 | 23600 |
| 27502-91 | Cole-Parmer Silver/Sulfide ISE Double junction solution kits | 1 | 38229090 | 20700 |
| 27502-93 | Cole-Parmer Sodium (Na ⁺) ISE Double junction solution kits | 1 | 38229090 | 24500 |
| 27502-99 | Cole-Parmer Water hardness (Ca ²⁺ /Mg ⁺) ISE Double junction Solutions Kit | 1 | 38229090 | 22400 |
| 27503-09 | Cole-Parmer STANDARD CHLORIDE 1000PPM | 1 | 38220019 | 10700 |
| 35803-24 | Cole-Parmer Nitrate (NO ₃ ⁻) ISE Calibration Solution | 1 | 38220019 | 8900 |

Cole-Parmer® Replacement Ionic Strength Adjustors

- Ensure consistent and accurate readings from ISE with these ionic strength adjustors
- Reduce measurement error
- Ionic strength adjustors come in 475-mL bottles

Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|--|--------|----------|-------|
| 27503-53 | Cole-Parmer Replacement ionic strength adjustors, 5 M NaCl | 475 mL | 38229090 | 10100 |
| 27503-51 | Cole-Parmer Replacement ionic strength adjustors, 5 M NaNO ₃ | 476 mL | 38229090 | 9800 |
| 27503-58 | Cole-Parmer Replacement ionic strength adjustor, TISAB I, 1 gallon | 477 mL | 38229090 | 28000 |
| 27503-60 | Cole-Parmer Replacement ionic strength adjustor, 2M (NH ₄) ₂ SO ₄ , 475 mL | 478 mL | 38229090 | 10100 |
| 27503-54 | Cole-Parmer Replacement ionic strength adjustor, 4M NH ₄ Cl with 4M NH ₄ OH, 475 mL | 479 mL | 38229090 | 10700 |

Environmental Express

pH Buffer Solutions

Environmental Express 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

Environmental Express 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

Environmental Express 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



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|--|--------|----------|-------|
| 00654-01 | Environmental Express Oakton Buffer Solution, pH 1.68 | 500 mL | 38220019 | 3400 |
| 00654-00 | Environmental Express Oakton Buffer Solution, pH 4.01 | 500 mL | 38221990 | 2000 |
| 00654-03 | Environmental Express Oakton Buffer Solution, pH 6.86 | 500 mL | 38220019 | 2000 |
| 00654-04 | Environmental Express Oakton Buffer Solution, pH 7.00 | 500 mL | 38221990 | 2000 |
| 00654-07 | Environmental Express Oakton Buffer Solution, pH 9.18 | 500 mL | 38221990 | 2000 |
| 00654-08 | Environmental Express Oakton Buffer Solution, pH 10.01 | 500 mL | 38220019 | 2000 |
| 00654-12 | Environmental Express Oakton Buffer Solution, pH 12.46 | 500 mL | 38220019 | 2000 |
| 05942-10 | Environmental Express Oakton® Buffer Pack; 500 mL of each pH 4.01, 7.00, and 10.01 (3 x 500 mL each) | 500 mL | 38220019 | 5600 |
| 00651-10 | Environmental Express Oakton Traceable® pH CRM Buffer, Blue, pH 10 | 500 mL | 38220019 | 6000 |
| 00651-00 | Environmental Express Oakton Traceable® pH Standard Buffer with Calibration, Clear, pH 4 | 500 mL | 38229090 | 5000 |
| 00651-02 | Environmental Express Oakton Traceable® pH Standard Buffer with Calibration, Clear, pH 7 | 500 mL | 38229090 | 5000 |
| 00651-04 | Environmental Express Oakton Traceable® pH Standard Buffer with Calibration, Clear, pH 10 | 500 mL | 38229090 | 5000 |
| 35653-01 | Environmental Express Oakton pH Calibration Buffer Pouches, pH 4.01 | 20/Pk | 38220019 | 9600 |
| 35653-02 | Environmental Express Oakton pH Calibration Buffer Pouches, pH 7.00 | 20/Pk | 38220019 | 9600 |
| 35653-03 | Environmental Express Oakton pH Calibration Buffer Pouches, pH 10.00 | 20/Pk | 38220019 | 9600 |
| 00653-14 | Environmental Express Oakton Buffer Pack, 60 mL of each pH 1.68, 4.01, 7.00, 10.01, and 12.46 | 20/Pk | 38229090 | 15000 |

Environmental Express

Environmental Express Oakton 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



Environmental Express 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

Environmental Express Oakton Traceable Conductivity Solutions

NIST-Traceable Reference Materials

- Standards with 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



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|---|--------|----------|-------|
| 35653-09 | Environmental Express Oakton Conductivity Calibration Pouches, 10 μS | 20/Pk | 38229000 | 10700 |
| 35653-11 | Environmental Express Oakton Conductivity Calibration Pouches, 1413 μS | 20/Pk | 38220019 | 6300 |
| 35653-14 | Environmental Express Oakton Conductivity Calibration Pouches, 12.88 mS | 20/Pk | 28273990 | 6700 |
| 00652-30 | Environmental Express Oakton Traceable® CRM Conductivity and TDS Standard, Batch-Tested, 1413 μS | 500 mL | 38229090 | 5300 |
| 00652-32 | Environmental Express Oakton Traceable® CRM Conductivity and TDS Standard, Batch-Tested, 10,000 μS | 500 mL | 38220019 | 7500 |
| 00652-34 | Environmental Express Oakton Traceable® Conductivity and TDS Standard, Batch-Tested, 100,000 μS | 500 mL | 38220019 | 6300 |
| 00652-26 | Environmental Express Oakton Traceable® CRM Conductivity and TDS Standard, Batch-Tested, 100 μS | 500 mL | 38229090 | 5300 |
| 00653-23 | Environmental Express Oakton Conductivity and TDS Standard, 23 μS | 500 mL | 28273990 | 6000 |
| 00653-16 | Environmental Express Oakton Conductivity and TDS Standard, 84 μS | 500 mL | 38220019 | 2500 |
| 00653-47 | Environmental Express Oakton Conductivity and TDS Standard, 447 μS | 500 mL | 28273990 | 2200 |
| 00653-18 | Environmental Express Oakton Conductivity and TDS Standard, 1413 μS | 500 mL | 38221990 | 3400 |
| 00653-15 | Environmental Express Oakton Conductivity and TDS Standard, 1500 μS | 500 mL | 28273990 | 2300 |
| 00653-27 | Environmental Express Oakton Conductivity and TDS Standard, 2070 μS | 500 mL | 28273990 | 2300 |
| 00653-20 | Environmental Express Oakton Conductivity and TDS Standard, 2764 μS | 500 mL | 28273990 | 2000 |
| 00653-89 | Environmental Express Oakton Conductivity and TDS Standard, 8974 μS | 500 mL | 28273990 | 2200 |
| 00606-10 | Environmental Express Oakton Conductivity and TDS Standard, 12,880 μS | 500 mL | 38220019 | 6000 |
| 00653-50 | Environmental Express Oakton Conductivity and TDS Standard, 15,000 μS | 500 mL | 28273990 | 2300 |

Environmental Express

Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|---|--------|----------|-------|
| 00653-32 | Environmental Express Oakton Conductivity and TDS Standard, 80 mS | 500 mL | 28273990 | 3400 |
| 00653-38 | Environmental Express Oakton Conductivity and TDS Standard, 111,900 μ S 5 x 60 mL Bottles/Pk | 60 mL | 38220019 | 4400 |

Our Service Support



Qualification
Documentation



Installation Service



Buy-Back Program

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

Environmental Monitoring Meters

Precision meters for humidity, moisture, light, airflow, weather.



Cole-Parmer 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



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|---|-----|----------|--------|
| 81150-48 | Cole-Parmer Digital Refractometer, 1.3330 to 1.4098 RI, 0 - 45% Brix | 1 | 90275090 | 83100 |
| 81150-49 | Cole-Parmer Digital Refractometer, 1.3330 to 1.4100, RI, 0; 28% NaCl | 1 | 90275020 | 98000 |
| 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 | 62100 |
| 81150-52 | Cole-Parmer Digital Refractometer, 0; 60% v/v, Ethanol, 0; 60%w/w, Ethanol | 1 | 90275020 | 84900 |
| 81150-53 | Cole-Parmer Digital Refractometer, 0 - 60%v/v IPA, 0 - 60%w/w, IPA | 1 | 90275020 | 91300 |
| 81150-54 | Cole-Parmer Digital Refractometer, 0 to 75% ethylene glycol, -58 to 32°F, -50 to 0°C | 1 | 90275020 | 66200 |
| 81150-55 | Cole-Parmer Digital Refractometer, 0 - 85% Brix, 1.3330 - 1.5100 RI | 1 | 90275050 | 113000 |
| 81150-56 | Cole-Parmer Digital Refractometer, 0 - 95% Brix, 1.3330 - 1.5400 RI | 1 | 90275020 | 128000 |
| 81150-57 | Cole-Parmer Digital Refractometer, 1.3330 to 1.4100 RI , 0 - 45% Brix , 0 - 28% Salinity | 1 | 90275020 | 97400 |
| 81150-41 | Cole-Parmer RSA-SA2 Refractometer 0 - 28%, Salinity | 1 | 90275020 | 19400 |
| 81150-46 | Cole-Parmer RSA-BS1T Refractometer w ATC, 0 - 100% Salinity, 1.000 - 1.070 RI, 0 - 10% Brix | 1 | 90275020 | 17600 |
| 81150-47 | Cole-Parmer RSA-BS2T Refractometer w ATC, 0 - 28% Salinity, 0 - 32% Brix | 1 | 90275020 | 17600 |

Environmental Monitoring Meters

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



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|---|-----|----------|--------|
| 99561-78 | Environmental Express Model 200 Chlorine Colorimeter | 1 | 90275090 | 163000 |
| 99561-84 | Environmental Express Model 200 COD Colorimeter | 1 | 90275090 | 168000 |
| 99565-08 | LaMotte SMART 3 1910 Multiwavelength Colorimeter, 100 to 240 V | 1 | 90275090 | 458000 |
| 99562-12 | LaMotte DC-1500 Single Test Colorimeter Kit , Chlorine Free and Total Liquid form | 1 | 90275090 | 222000 |
| 99562-18 | LaMotte DC-1500 Single Test Colorimeter Kit, Copper | 1 | 90275090 | 262000 |
| 99562-22 | LaMotte DC-1500 Single Test Colorimeter Kit, Phosphate | 1 | 90275090 | 282000 |

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



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|--|-----|----------|-------|
| 98766-93 | Traceable Calibrated Light Meter with RS-232 Output | 1 | 90275090 | 37400 |
| 35725-03 | Extech LT505 Pocket Light Meter | 1 | 90278090 | 36300 |
| 35725-05 | Extech UV505 Pocket UV-AB Light Meter | 1 | 90275090 | 56300 |
| 50510-93 | Extech LT300 Precision Digital Light Meter | 1 | 90278090 | 67000 |
| 98766-92 | Traceable Calibrated Dual-Range Light Meter with Recorder Output | 1 | 90275090 | 25500 |
| 20250-00 | Cole-Parmer Data Logging Light Meter with NIST-Traceable Calibration | 1 | 90275090 | 34100 |
| 01588-10 | Extech EA33 Easyview Light Meter with Memory | 1 | 90278090 | 90400 |

Environmental Monitoring Meters

Sound Meters

Precision accuracy measurements with powerful data logging software

- Class 1 and Class 2 meters
- Includes NIST-traceable certificate from our A2LA accredited (1750.01) calibration laboratory
- Suits a wide range of applications with programmable sample rates and A and C weighting capabilities
- Ideal for field use - tripod mountable



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|--|-----|----------|--------|
| 20250-29 | Digi-Sense Data Logging Sound Meter with NIST-Traceable Calibration | 1 | 90304000 | 48200 |
| 98767-13 | Digi-Sense Traceable® Sound Level Meter with Calibration | 1 | 90278090 | 52600 |
| 37800-03 | General Tools DSM403SD Digital Class 1 Sound Level Meter with Data Logging SD Card | 1 | 90258090 | 143000 |

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



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|--|-----|----------|--------|
| 81910-24 | Radiation Alert Monitor 200 Digital Radiation Meter and Data Logger | 1 | 90301000 | 196000 |
| 81910-23 | Radiation Alert Ranger EXP Digital Radiation Meter with External Probe | 1 | 90301000 | 299000 |
| 81910-21 | Radiation Alert Ranger Digital Radiation Meter with Internal Sensor | 1 | 90301000 | 233000 |

Environmental Monitoring Meters

Cole-Parmer 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



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|--|-----|----------|-------|
| 08299-79 | Cole-Parmer Safety 19/31 Degree API Combined Form Thermo-Hydrometer | 1 | 90258090 | 17400 |
| 08299-63 | Cole-Parmer 0.700/1.000 Specific Gravity and 10/70 Degree Baume Dual Scale Hydrometer for Liquids Lighter Than Water | 1 | 90258090 | 9100 |
| 08297-42 | Cole-Parmer -5/60g/L Soil Analysis ASTM 152H Hydrometer | 1 | 90258090 | 13300 |
| 08298-50 | Cole-Parmer 1.000/1.250 Specific Gravity Hydrometer for Liquids Heavier Than Water | 1 | 90258090 | 8300 |
| 08298-98 | Cole-Parmer 2.000/3.000 Specific Gravity Hydrometer for Liquids Considerably Heavier Than Water | 1 | 90258090 | 9300 |
| 08297-90 | Cole-Parmer 1.250/1.300 Specific Gravity ASTM 130H Hydrometer for Heavy Liquids | 1 | 90258090 | 16200 |
| 08298-65 | Cole-Parmer Precision 1.000/1.070 Specific Gravity Hydrometer | 1 | 90258090 | 8800 |
| 08298-94 | Cole-Parmer 1.000/2.000 Specific Gravity Hydrometer for Liquids Heavier Than Water | 1 | 90258090 | 8700 |
| 08297-40 | Cole-Parmer 0.995/1.038 Soil Analysis ASTM 151H Hydrometer | 1 | 90258090 | 15400 |
| 08298-31 | Cole-Parmer 0.900/1.000 Specific Gravity Hydrometer for Liquids Lighter Than Water | 1 | 90258090 | 8600 |

Environmental Monitoring Meters

Cole-Parmer 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



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|--|-----|----------|-------|
| 03316-70 | Cole-Parmer Temperature Compensated Barometer, 930 to 1070 mbar, 27.5 to 31.6" Hg | 1 | 90258015 | 79900 |
| 98766-87 | Digi-Sense Environmental Meter; Wind Speed, Humidity, Temperature, and Light Meter | 1 | 90258090 | 48000 |
| 68000-49 | Traceable Calibrated Digital Barometer | 1 | 90258015 | 27000 |
| 68000-48 | Traceable Calibrated Digital Handheld Environmental Monitor with Stopwatch | 1 | 90258015 | 38300 |
| 03316-80 | Cole-Parmer Wd-03316-80:Barometer W Digital Thermometer | 1 | 90258090 | 72600 |
| 99760-50 | Traceable Three-Scale Dial Barometer | 1 | 90258015 | 21800 |

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)



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|--|-----|----------|--------|
| 20250-35 | Digi-Sense Precalibrated Pocket Size Moisture Meter | 1 | 90258090 | 8700 |
| 35500-04 | Extech MO57 Pinless Moisture Meter with Ball Sensor | 1 | 90278990 | 49100 |
| 59823-10 | Delmhorst G-7 Digital Grain Moisture Detector | 1 | 90258090 | 146000 |
| 59840-01 | Extech MO55 Compact, Combination Pin and Pinless Moisture Meter | 1 | 90258090 | 30900 |
| 86531-53 | Extech MO260 Pocket Moisture Meter with Pin/Pinless Combination | 1 | 90258090 | 102000 |
| 86531-14 | Extech MO750 Soil Moisture Meter with Integrated 8" Heavy Duty Probe | 1 | 90258090 | 86900 |
| 99037-00 | Delmhorst KS-D1 Digital Soil Moisture Meter | 1 | 90258090 | 95800 |

Analytical Equipments

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

Environmental Express 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.

Hot Block 200

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



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|--|-----|----------|--------|
| 53206-03 | Environmental Express HotBlock® 200 SC2015-96V240 Heating Block, 96-position, 15mL, 240 VAC | 1 | 84195090 | 929000 |
| 53206-05 | Environmental Express HotBlock® 200 SC2050-36V240 Heating Block, 36-position, 50mL, 240 VAC | 1 | 84195090 | 795000 |
| 53206-07 | Environmental Express HotBlock® 200 SC2050-54V240 Heating Block, 54-position, 50mL, 240 VAC | 1 | 84195090 | 870000 |
| 53206-09 | Environmental Express HotBlock® 200 SC2100-25V240 Heating Block, 25-position, 100mL, 240 VAC | 1 | 84195090 | 717000 |
| 53206-11 | Environmental Express HotBlock® 200 SC2100-35V240 Heating Block, 35-position, 100mL, 240 VAC | 1 | 84195090 | 897000 |

Analytical Equipments

Environmental Express HotBlock 150

- Max temp is 150°C
- Power switch and controller mounted on unit
- Manually increase or decrease temp
- Includes polycarbonate transfer rack designed to set on the block
- Digestion tubes available separately



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|--|-----|----------|---------|
| 53205-01 | Environmental Express HotBlock® SC196-240 Digestion System, 96-Well, 15 mL, 240 VAC | 1 | 84195050 | 797000 |
| 53205-03 | Environmental Express HotBlock® SC100-240 Digestion System, 36-Well, 50 mL, 240 VAC | 1 | 84195000 | 897000 |
| 53205-05 | Environmental Express HotBlock® SC154-240 Digestion System, 54-Well, 50 mL, 240 VAC | 1 | 84195000 | 1090000 |
| 53205-35 | Environmental Express HotBlock® SimpleDist C6002-240 Digestion System, 12-Well, 50 mL, 240 VAC | 1 | 84195000 | 820000 |
| 53205-07 | Environmental Express HotBlock® SC150-240 Digestion System, 25-Well, 100 mL, 240 VAC | 1 | 84195000 | 989000 |
| 53205-12 | Environmental Express HotBlock® SC151-240 Digestion System, 35-Well, 100 mL, 240 VAC | 1 | 84195000 | 778000 |

Environmental Express 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



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|---|----------|----------|-------|
| 53201-01 | Environmental Express Digestion Tubes, Natural Screw-Top Caps, PP, 15 mL | 1000/Pk | 39233090 | 72100 |
| 53202-02 | Environmental Express Digestion Tube, PFA with PFA Cap, 50 mL | 1/Each | 39233090 | 35700 |
| 53203-03 | Environmental Express CertiTube™, Digestion Tubes without Caps, 50 mL | 500/Pack | 39233090 | 18800 |
| 53203-13 | Environmental Express CertiTube™, Digestion Tubes with Green Caps, 50 mL | 500/Pack | 39233090 | 38000 |
| 53203-15 | Environmental Express CertiTube™, Digestion Tubes with White Caps, 50 mL | 500/Pack | 39233090 | 22800 |
| 53203-17 | Environmental Express CertiTube™, Digestion Tubes with Natural Linerless Caps, 50 mL | 500/Pack | 39233090 | 15900 |
| 53203-23 | Environmental Express UC483 CertiTube™, Digestion Tubes without Caps, 50 mL, Rack Lok | 500/Pack | 39233090 | 19400 |

Analytical Equipments

Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|--|----------|----------|-------|
| 53203-25 | Environmental Express CertiTube™, Digestion Tubes with White Caps, 50 mL, Rack Lok | 500/Pack | 39233090 | 21200 |
| 53203-27 | Environmental Express CertiTube™, Digestion Tubes with Natural Linerless Caps, 50 mL, Rack Lok | 500/Pack | 39233090 | 20200 |
| 53204-17 | Environmental Express Ulti Tube, Digestion Tubes with Natural Linerless Caps, 50 mL | 150/Box | 39233090 | 12600 |
| 53100-05 | Environmental Express SC600 Disposable Digestion Tube, with Hinged Lid, 100 mL | 250/Pack | 39233090 | 33700 |
| 53201-07 | Environmental Express Digestion Tubes, White Screw-Top Caps, PP, 100 mL | 225/Pk | 39233090 | 23400 |

TKN & Total Phosphorous

Complete solutions for wastewater labs performing routine digestion and distillation.

Environmental Express Hot Block Digestion Units

- 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



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|--|-----|----------|---------|
| 35205-66 | Environmental Express HotBlock® TKN028 Heating Block, 28-Well; 240 VAC | 1 | 84195000 | 1431000 |
| 35205-67 | Environmental Express HotBlock® TKN054 Heating Block, 54-Well; 240 VAC | 1 | 84195000 | 1576000 |
| 35205-68 | Environmental Express HotBlock® TKN100 System Controller, Simple | 1 | 84195000 | 437000 |
| 35205-69 | Environmental Express HotBlock® TKN180 System Controller, Touchscreen | 1 | 84195000 | 1463000 |

Environmental Express Distillation Units

- 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



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|--|-----|----------|---------|
| 35209-85 | Environmental Express SimpleDist® C6000-240 Complete Distillation System; 240 VAC | 1 | 84195000 | 1614000 |
| 35202-38 | Environmental Express HotBlock® SimpleDist C8000-240 Digestion System, 26-Well, 10 mL, 240 VAC | 1 | 84195000 | 1138000 |
| 35209-87 | Environmental Express SimpleDist 12-Place Manifold Kit without Block | 1 | 39269099 | 740000 |
| 35209-86 | Environmental Express SimpleDist 18-Place Manifold Kit, without Block | 1 | 39269099 | 850000 |

Analytical Equipments

Cole-Parmer 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



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|--|--------|----------|--------|
| 98930-41 | Cole-Parmer GT-200-6 Gelation Timer, 999.9 minutes, 230 VAC, 50 Hz | 1 | 90279090 | 357000 |
| 98930-43 | Cole-Parmer GT-200-5 Gelation Timer, 9999 minutes, 230 VAC, 50 Hz | 1 | 90279090 | 265000 |
| 98930-44 | Cole-Parmer F0985 Reusable Stainless Steel Plunger, 22 mm dia | 1 | 84198995 | 15400 |
| 98930-47 | Cole-Parmer F7846 Sample Containers with Screw Caps, Aluminium; | 234/PK | 84198995 | 157000 |
| 04546-00 | Laboratory Mixer Support Stand, 5/8" Dia Shaft, 24" Height | 1 | 84799090 | 177000 |
| 04340-50 | Cole-Parmer Labjaws Heavy-Duty Mixer Clamp, 1/2 to 5/8" mounts | 1 | 82057000 | 39000 |

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



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|---|-------|----------|---------|
| 35208-30 | Environmental Express ZHE+ (ZHE1000) ZHE+ Zero Headspace Extractor, 560 mL | 1 | 84212190 | 743000 |
| 35208-08 | Environmental Express MaxFil Pressure Filtration Device, 2.2 L | 1 | 84212190 | 992000 |
| 35208-10 | Environmental Express® TCLP Heavy-Duty LE Rotator | 1 | 85437096 | 1520000 |
| 35208-62 | Environmental Express BX3000-4 TCLP Bottles, Polyethylene, 15 x 24 cm | 4/Pk | 70109000 | 6300 |
| 29902-90 | Advantec 740160 Pressure Vessel; 316 SS; 1 gal. (3.78 L) capacity, Wide-Mouth | 1 | 84219900 | 581000 |
| 35208-46 | ESS ZHE+ Replacement Tedlar® Sampling Bags, 1 L, 7x7" | 10/Pk | 39232100 | 41100 |

Analytical Equipments

Environmental Express COD Digestion System and Reagent Vials

Digester

- Process up to fifty-six standard, 16-mm diameter, round-bottom COD vials
- See actual and set-point temperatures simultaneously
- Pre-programmed to run at 150°C for two hour

COD Reagent Vials

- Pre-filled reagent vials for either EPA-approved or mercury-free COD analysis
- Available in three ranges
- Don't change your instrument or method—vials work with Hach, Orbeco, Chemetrics, and Thermo COD systems



Ordering Information

| Product code | Product Description | Qty | HSN Code | Price |
|--------------|---|--------|----------|---------|
| 35201-99 | Environmental Express HotBlock B3000 COD Reactor, 56-Place, 240 VAC | 1 | 84195090 | 1232000 |
| 35200-02 | Environmental Express COD Tubes, 0 to 150ppm, EPA | 100/Pk | 38220019 | 50700 |
| 35200-03 | Environmental Express COD Tubes, 0 to 1500ppm, EPA | 100/Pk | 38220019 | 50700 |
| 35200-04 | Environmental Express COD Tubes, 0 to 15000 ppm | 98/Pk | 38221990 | 39500 |
| 35200-08 | Environmental Express COD Tubes, 0 to 150ppm | 100/Pk | 38221990 | 50700 |
| 35200-09 | Environmental Express COD Tubes, 0 to 1500ppm | 100/Pk | 38221990 | 50700 |
| 35200-10 | Environmental Express COD Tubes, 0 to 15000ppm | 98/Pk | 38220019 | 50200 |

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OCT 28 2010

OFFICE OF WATER

LETTER
Technical Representative
Environmental Express
490 Wando Park Blvd.
Mt. Pleasant, SC 29464

Dear Mr. Orr:

This letter responds to your request for an evaluation of Environmental Express, Ltd.'s single use (disposable), carbon-coated polyethylene terephthalate (PET) BOD bottles. Generally, the ATP program evaluates only methods, not specific pieces of equipment. However, ambiguities in the approved methods made it unclear as to whether the single use, coated-PET bottles fell within the inherent flexibility of the methods. Therefore, EPA agreed to provide this evaluation.

Environmental Express provided data from seven laboratories comparing results obtained using single use, coated-PET bottles with those obtained using glass BOD bottles in a number of sample matrices. The data indicated that comparable performance was achieved with both bottle types. Therefore, EPA recommends that Environmental Express's single use, coated-PET BOD bottles be allowed for use with EPA-approved BOD methods (e.g., EPA Method 405.1) and associated methods for determination of dissolved oxygen (e.g., EPA Methods 360.1, 360.2) that are used in wastewater compliance monitoring. Each bottle should only be used for a single use, as directed by the manufacturer.

We appreciate your continued interest in environmental monitoring. If you have any questions regarding this letter or other issues, please contact me at 202-5666981 at your convenience.

Sincerely,

William Tolland
Director of Analytical Methods
Engineering and Analysis Division (4308T)

cc: Maria Gomez-Taylor, USEPA, EAD
James Dolan, DynCorp-CSC

Official Address (EPA) • 101 Park Plaza Drive
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Nitrosamine Analysis

Nitrosamines are organic compounds that commonly form as by-products in processed foods, tobacco, cosmetics, and medications. They can arise during drug manufacturing processes, food preservation, or cooking at high temperatures. In the environment, nitrosamines are detected in water systems, primarily as a result of industrial discharges, agricultural runoffs, and water treatment processes.

Given their potential to adversely impact human health and ecosystems, testing for nitrosamine levels is essential. To meet these demands, ZeptoMetrix offers a comprehensive portfolio of certified reference materials, tailored to support key analytical methods and ensure regulatory compliance.

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- 1. Prices:** Prices are CIF basis and valid until December 31, 2026. Prices are subject to change due to unforeseen circumstances or global macro-economic situations.
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- 3. Additional Charges:** GST will be extra as applicable. Installation and Operation Qualification (IOQ) charges will apply as per the 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.
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- 10. Bulk Requirements:** Bulk inquiries 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.
- 11. Governing Law:** These terms and conditions shall be governed by and construed in accordance with the laws of India.
- 12. Return Policy:** No products are to be returned to Seller without prior approval from Seller. Credit or replacement will only be made after a thorough inspection of the products has been made by the Seller's representative and it is found that it is defective or was shipped in error.

For any queries or concerns, please contact our customer service representative at 022-6139-4444.

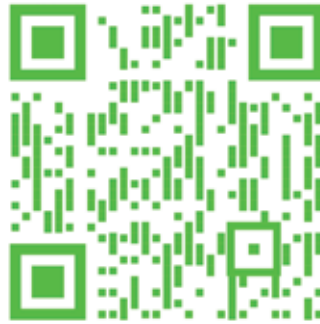
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Notes

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