



UNITED SCIENTIFIC SUPPLIES, INC.



LABORATORY PRODUCTS
Catalog 2017

847-336-7556 • unitedsci.com

Welcome to United



It's a long time, 25 years. So much can happen to a business in 25 years. It's a never-ending process. A privilege.

25 years. Prospects became customers, customers became friends, friends became collaborators. The people we've been honored to know. We've learned so much.

25 years. Loyal employees. Reliable business partners. We watched some grow up, get married, have families. Some have retired, some have left this life. All taught us something. Many made us smile.

25 years. Thousands of products. Hundreds of thousands of shipments. Countless decisions made, some right, some wrong. All with the intent to be fair and just. Long days, but worth the effort.

25 years. A family business. Carrying on the legacy. Striving to do what's right. Humbling. Satisfying. Grateful for the opportunity.

25 years. Thankful for the support of so many people. Here's to 25 more.

In loving memory



Helmut Fischer

Your work lives on.

United Scientific Supplies, Inc.

3055 N. Oak Grove Avenue
Waukegan, IL 60087
Phone 847-336-7556
www.unitedsci.com

Office hours : 8:30 am to 5:00 pm Central Time



sales@novatech-usa.com
www.novatech-usa.com
Tel: (866) 433-6682 Fax: (866) 433-6684
Tel: (281) 359-8538 Fax: (281) 359-0084





Table of Contents

We are your warehouse.

Our products are sold only through our network of authorized dealers. Count on us to maintain a generous supply of your most popular products. We keep our inventory levels high so you can be confident that items will be in stock when you and your customers need them.

We focus on strict quality control so our products deliver consistent, reliable results for your customers. We are here to support your sales efforts by offering excellent value, professional service, and quick delivery.

It has been a privilege to serve our dealers since 1992. Our business continues to expand, in large part because of long-time partnerships. Your continued loyalty is a key element of our success - thank you for your business!



UNITED SCIENTIFIC SUPPLIES, INC.

Table of Contents

| | Page(s) |
|-------------------------------------|-----------|
| Featured Products | 4 - 9 |
| Beakers | 10 - 15 |
| Bottles | 16 - 20 |
| Brushes | 21 |
| Burettes | 22 - 25 |
| Centrifuge Ware | 26 - 29 |
| Clamps | 30 - 34 |
| Condensers | 35 |
| Containers | 36 |
| Crucibles | 37 - 39 |
| Cryo Ware | 40 - 43 |
| Cylinders | 44 - 49 |
| Desiccators | 50 - 51 |
| Dishes | 52 - 54 |
| Dispensers, Bottle Top | 55 |
| Filtration | 56 - 60 |
| Flasks | 61 - 67 |
| Forceps | 68 |
| Funnels | 69 - 72 |
| Heating Equipment | 73 - 76 |
| Kits and Assortments | 77 - 81 |
| Lab Coats | 82 |
| Magnifiers | 83 |
| Measurement | 84 |
| Microscopy | 85 - 88 |
| Mortars & Pestles | 89 |
| Pipettes | 90 - 100 |
| Racks | 101 - 105 |
| Spatulas | 106 - 108 |
| Spot / Well Plates | 109 |
| Stands | 110 - 116 |
| Stirring Rods | 117 |
| Stoppers | 118 - 119 |
| Test Tubes | 120 - 121 |
| Thermometers / Tools | 122 |
| Trays | 123 |
| Tubing Connectors | 124 |
| Tuning Forks | 125 |
| Weight Sets | 126 - 127 |



Find us on
Facebook

United Scientific Supplies, Inc.



@UnitedSci



UnitedScientific

Featured Products



Laboratory Jacks



Rugged laboratory support jacks in three new sizes. [See full description on page 112.](#)

Lattice Lab Systems



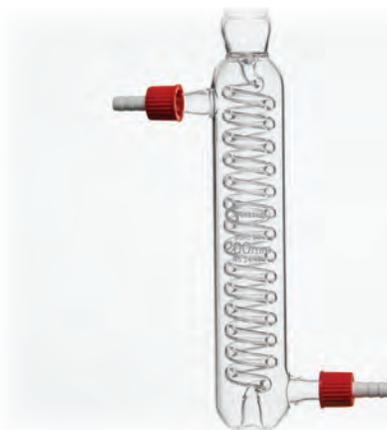
Lightweight, durable sets of rods and clamps in four different assortments. [See full description on page 110.](#)

Heating Mantles



Polyurethane-coated aluminum exterior and knitted mantle with glass fiber underlay. [See full description on page 74.](#)

Condensers



Borosilicate glass for distillation applications, include 24/40 sockets and connectors. [See full description on page 35.](#)

Volumetric Flasks with QR Code



Class A glassware with QR codes for quick access to calibration certificates and more. [See full description on page 66.](#)

Reagent Bottles



Compare the quality, and then the price! Excellent contact clarity and strength, [See full description on page 16.](#)



Featured Products

Quartz Glass Crucibles



Clear quartz glass crucibles for analytical applications and high temperatures. [See full description on page 37.](#)

Filtration Glassware



Wide variety of high quality filtration glassware and accessories. [See full description on page 56.](#)

Porcelain Crucibles



High quality porcelain crucibles. Working temperatures up to 1150°C. [See full description on page 38.](#)

Stainless Steel Bowls



Mixing bowls constructed from 304 stainless steel. Meet NSF standards. [See full description on page 36.](#)

Class A Burettes



Class A burettes manufactured to ASTM E287 and USP standards. [See full description on page 22.](#)

Micro Centrifuge Tubes



Maximum RCF 20000 polypropylene tubes are RNase, DNase and Pyrogen free. [See full description on page 28.](#)

Featured Products

Beaker Mug



Borosilicate beaker mug with handle and molecular structure of caffeine. [See full description on page 11.](#)

Heavy Duty Clamp



PVC-coated prongs open to 4", total length 10.75", with stainless steel extension rod. [See full description on page 30.](#)

Unitary Wash Bottles



Translucent wash bottles with built-in delivery tube. Excellent quality and price! [See full description on page 17.](#)

Glass Desiccators



Thick clear borosilicate glass construction with a perforated desiccator plate. [See full description on page 51.](#)

Filter Adapter Set



Set of seven neoprene adapter cones. Designed to fit funnels and more. [See full description on page 59.](#)

Stackable Beakers



A gentle squeeze creates a spout anywhere on the rim. Stackable and autoclavable. [See full description on page 13.](#)



Featured Products

Conical Measuring Cylinders



Conical shaped measures with excellent contact clarity. Raised graduations. [See full description on page 47.](#)

Bottle Top Dispensers



Easy-to-use, individually calibrated and certified in an ISO accredited laboratory. [See full description on page 55.](#)

Automatic Burette



Self-zeroing Class A burette, individually serialized and certified. Schellbach backing. [See full description on page 25.](#)

Deluxe Chemistry Assortment



Comprehensive selection of materials most commonly used in general chemistry labs. [See full description on page 80.](#)

Square Media Bottles



Space saving, square shaped bottles. Autoclavable with permanent white markings. [See full description on page 19.](#)

Recovery Flasks



Heavy wall recovery flasks for use with rotary evaporators. Single neck with 24/40 joint. [See full description on page 64.](#)

Featured Products

Pipette Filling Device



Efficient and reliable electronic pipette filling device features a universal silicone collet. [See full description on page 93.](#)

Industrial Funnel



Heavy duty funnels for convenient filling of carboys, drums and barrels. [See full description on page 70.](#)

Racked Micro Tips



Sterile racked tips are DNase, RNase and Pyrogen free. Autoclavable. [See full description on page 96.](#)

Agate Stone Mortar & Pestles



Carved from naturally hard agate stone with a highly polished grinding surface. [See full description on page 89.](#)

Polypropylene Laboratory Scoops



Versatile scoops are autoclavable, with molded-in capacities for easy reference. [See full description on page 108.](#)

Cryo Vials



Wide variety of sterile cryogenic vials for storage temperatures as low as -190°C. [See full description on page 40.](#)



Heavy Duty Low Form Beakers



Heavy duty beakers for tough handling conditions including mechanized washing. [See full description on page 11.](#)

Featured Products

Carboys



Polypropylene, autoclavable carboys with wide handles for carrying and pouring, [See full description on page 18.](#)

Culture Tubes



Borosilicate glass with uniform wall thickness, available with flat or round bottoms. [See full description on page 120.](#)

Centrifuge Tubes



Economical tubes with blue leak-proof screw caps. Maximum RCF 9000. [See full description on page 26.](#)

Set of Spatulas



Set of six popular laboratory spoons and spatulas in one convenient pack. [See full description on page 107.](#)

Precision Measuring Set



Set contains four high-quality instruments housed in a sturdy plastic storage case. [See full description on page 84.](#)

Beakers, Low Form, Borosilicate Glass

Our beakers are made from low-expansion borosilicate glass. Beakers feature heavy and uniform wall thickness, spouts designed for easy pouring, beaded tops, and white printed graduations. The 20ml and larger sizes also have a double graduated metric scale and a marking area. Tolerance for beakers is approximately +/- 5%.



| Item No. | Capacity (ml) | Grad. Range (ml) | Grad. Interval (ml) | Quantity per Pack | Quantity per Case |
|--------------|---------------|------------------|---------------------|-------------------|-------------------|
| BG1000-5 | 5 | NA | NA | 12 | 48 |
| BG1000-10 | 10 | NA | NA | 12 | 48 |
| BG1000-20 | 20 | 5-15 | 10 | 12 | 48 |
| BG1000-25 | 25 | 10-20 | 10 | 12 | 48 |
| BG1000-30 | 30 | 5-25 | 10 | 12 | 48 |
| BG1000-50 | 50 | 10-40 | 10 | 12 | 48 |
| BG1000-100 | 100 | 20-80 | 10 | 12 | 48 |
| BG1000-150 | 150 | 20-140 | 20 | 12 | 48 |
| BG1000-250 | 250 | 25-200 | 25 | 12 | 48 |
| BG1000-400 | 400 | 50-300 | 25 | 12 | 48 |
| BG1000-500 | 500 | 100-400 | 50 | 6 | 36 |
| BG1000-600 | 600 | 100-500 | 50 | 6 | 36 |
| BG1000-800 | 800 | 100-750 | 50 | 6 | 24 |
| BG1000-1000 | 1000 | 100-900 | 50 | 6 | 24 |
| BG1000-1500 | 1500 | 200-1400 | 200 | 4 | 16 |
| BG1000-2000 | 2000 | 200-1800 | 200 | 1 | 8 |
| BG1000-3000 | 3000 | 250-2500 | 250 | 1 | 4 |
| BG1000-4000 | 4000 | 500-3500 | 500 | 1 | 6 |
| BG1000-5000 | 5000 | 1000-4000 | 500 | 1 | 4 |
| BG1000-10000 | 10000 | 2000-8000 | 1000 | 1 | 1 |

Beakers, Berzelius, Tall Form, Borosilicate Glass

Tall form Berzelius beakers include a spout. Our beakers are made from low-expansion borosilicate glass. Beakers feature heavy and uniform wall thickness, spouts designed for easy pouring, and beaded tops. Also include white printed graduations and a marking area. Tolerance for beakers is approximately +/- 5%.

Tall Form Berzelius Beakers with Spout

| Item No. | Capacity (ml) | Grad. Range (ml) | Grad. Interval (ml) | Quantity per Pack | Quantity per Case |
|-------------|---------------|------------------|---------------------|-------------------|-------------------|
| BG1060-100 | 100 | 20-80 | 10 | 12 | 48 |
| BG1060-200 | 200 | 25-150 | 25 | 12 | 48 |
| BG1060-250 | 250 | 25-200 | 25 | 12 | 48 |
| BG1060-300 | 300 | 25-250 | 25 | 12 | 48 |
| BG1060-400 | 400 | 50-300 | 25 | 6 | 36 |
| BG1060-500 | 500 | 100-400 | 50 | 6 | 24 |
| BG1060-600 | 600 | 100-500 | 50 | 6 | 24 |
| BG1060-1000 | 1000 | 100-900 | 50 | 6 | 18 |

Tall Form Berzelius Beakers without Spout

| Item No. | Capacity (ml) | Grad. Range (ml) | Grad. Interval (ml) | Quantity per Pack | Quantity per Case |
|------------|---------------|------------------|---------------------|-------------------|-------------------|
| BG1040-100 | 100 | 20-80 | 10 | 12 | 48 |
| BG1040-250 | 250 | 25-200 | 25 | 12 | 48 |
| BG1040-500 | 500 | 100-400 | 50 | 6 | 24 |



Beakers, Low Form, Heavy Duty, Borosilicate Glass

Heavy duty beakers are ideal for tough handling conditions including mechanized washing. Beakers feature a white double graduated metric scale and a marking area. Tolerance is approximately $\pm 5\%$.

| Item No. | Capacity (ml) | Grad. Range (ml) | Grad. Interval (ml) | Quantity per Pack | Quantity per Case |
|--------------|---------------|------------------|---------------------|-------------------|-------------------|
| BG1003-100* | 100 | 20-80 | 10 | 12 | 48 |
| BG1003-150* | 150 | 20-140 | 20 | 12 | 48 |
| BG1003-250* | 250 | 25-200 | 25 | 12 | 48 |
| BG1003-400* | 400 | 50-300 | 25 | 12 | 48 |
| BG1003-600* | 600 | 100-500 | 50 | 6 | 36 |
| BG1003-1000 | 1000 | 100-900 | 50 | 1 | 24 |
| BG1003-2000 | 2000 | 200-1800 | 200 | 1 | 8 |
| BG1003-4000* | 4000 | 500-3500 | 500 | 1 | 6 |

* NEW SIZE



Glass Beaker Set of 5, Borosilicate Glass



An ideal starter set for any laboratory, this set contains five borosilicate glass beakers in sizes 50ml, 100ml, 250ml, 600ml, and 1000ml.

| Item No. | Description |
|----------|-------------------------------------|
| BGSET5 | Glass Beaker Set of 5, Borosilicate |

Beaker sets can be private labeled. Please call for details.

Beaker Mugs, Borosilicate Glass

These borosilicate glass beakers feature an attached handle and a smooth rim. The molecular structure of caffeine is enameled in white on one side, and the other side has dual metric graduations. Available in Low Form 400ml and Tall Form 600ml versions.

| Item No. | Description |
|-----------|------------------------------|
| BGMG400 | Beaker Mug, Low Form, 400ml |
| BGMG600-T | Beaker Mug, Tall Form, 600ml |

Beaker mugs can be private labeled. Please call for details.

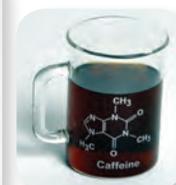
See our Flask Mug on page 63.



BGMG400



BGMG600-T



Back of beakers shows the molecular structure of caffeine.

Properties of United Glassware

Chemical Composition:

Our glassware is manufactured from low-expansion Type 1, Class A Borosilicate 3.3 glass that complies with ASTM E438 Standard Specification for Glasses in Laboratory Apparatus.

It is low alkali glass with a typical chemical composition of approximately 81% silica, 13% boric oxide, 4% sodium oxide, and 2% aluminum oxide. It is virtually free of magnesia-lime-zinc group, and contains only traces of heavy metals.

Thermal Properties:

Borosilicate glass has a low coefficient of thermal expansion. Therefore, the thermal stresses under a given temperature gradient are low, and the glass can withstand higher temperature gradients as well as sudden temperature changes / thermal shocks. However, even minute scratching of glass surface can reduce its thermal resistance.

The 'Strain Point' (about 500°C) is generally recommended as the maximum safe operating temperature for United glassware. The glass may acquire permanent stresses upon cooling if it is heated above 500°C. Our glassware is annealed in modern ovens under strictly controlled conditions to ensure minimal residual stress.

Chemical Durability:

United glassware is highly resistant to water, neutral and acid solutions, concentrated acids and their mixtures, as well as to chloride, bromine, iodine, and organic matters. Even during extended period of reaction and at temperatures above 100°C, its chemical resistance exceeds that of most metals and other materials. Our glassware can withstand repeated dry and wet sterilization and offers good resistance against various chemicals, except for hydrofluoric acid, hot phosphoric acid and alkaline solutions.

Optical Properties:

United glassware has a clear and colorless appearance, and shows no noticeable absorption in the visible region of the spectrum.

Safety:

Treated with proper care, United glassware will offer long-term, reliable service in the laboratory. Please contact us for detailed recommendations regarding heating and cooling, mixing and stirring, vacuum and pressure, cleaning, and safety precautions that must be followed while using glassware.

Beakers

Beakers, Griffin Style, Polypropylene (PP)



Beakers molded in polypropylene have excellent clarity and chemical resistance. They are autoclavable and feature raised graduations on the outer surface. Griffin Style beakers nest without sticking together.

| Item No. | Capacity (ml) | Graduation Interval (ml) | O.D. x Height (mm) | Quantity per pack |
|----------|---------------|--------------------------|--------------------|-------------------|
| BP0050 | 50 | 5 | 55 x 55 | 12 |
| BP0100 | 100 | 5 | 60 x 62 | 12 |
| BP0250 | 250 | 10 | 85 x 100 | 6 |
| BP0500 | 500 | 10 | 100 x 120 | 4 |
| BP0600 | 600 | 10 | 110 x 125 | 4 |
| BP1000 | 1000 | 25 | 124 x 150 | 3 |
| BP2000 | 2000 | 250 | 155 x 185 | 3 |

Beakers, New Style, PP

Beakers, molded in polypropylene, have excellent clarity and very good chemical resistance. They are autoclavable and feature raised graduations on the outer surface. New Style beakers feature oversized, tapered spouts for easier pouring of solutions.

| Item No. | Capacity (ml) | Graduation Interval (ml) | O.D. x Height (mm) | Quantity per pack |
|----------|---------------|--------------------------|--------------------|-------------------|
| 11110 | 25 | 5 | 34 x 49 | 12 |
| 11111 | 50 | 5 | 43 x 54 | 12 |
| 11112 | 100 | 5 | 53 x 62 | 12 |
| 11113 | 250 | 10 | 72 x 100 | 6 |
| 11114 | 500 | 10 | 89 x 120 | 4 |
| 11115 | 1000 | 25 | 110 x 150 | 3 |
| 11116 | 2000 | 50 | 135 x 184 | 3 |
| 11117 | 5000 | 200 | 213 x 260 | 1 |



Plastic Beaker Set of 5, PP



This handy set for any laboratory contains five graduated polypropylene beakers in sizes 50ml, 100ml, 250ml, 500ml and 1000ml.

| Item No. | Description |
|----------|-----------------------------|
| BPSET5 | Plastic Beaker Set of 5, PP |

Plastic Beaker Set of 5, Polymethylpentene (PMP)

This set of polymethylpentene beakers offers glass-like clarity with the durability of plastic. Includes five graduated PMP beakers in sizes 50ml, 100ml, 250ml, 500ml and 1000ml.

| Item No. | Description |
|----------|------------------------------|
| BMSET5 | Plastic Beaker Set of 5, PMP |



Tri-Corner Beakers, PP

These sturdy polypropylene beakers feature three pouring lips for drip-less dispensing. Beakers are graduated in both ounces and milliliters. Available in packs of 100, or as an assortment of 30 beakers featuring five of each size.

| Item No. | Capacity | Graduation Interval | O.D. x Height (mm) | Quantity per pack |
|----------|---------------|---------------------|--------------------|-------------------|
| BTC0050 | 50ml/1.5 oz. | 10ml/0.5 oz. | 57 x 67 | 100 |
| BTC0100 | 100ml/3.5 oz. | 10ml/0.5 oz. | 71 x 84 | 100 |
| BTC0250 | 250ml/8 oz. | 20ml/1 oz. | 88 x 101 | 100 |
| BTC0400 | 400ml/13 oz. | 40ml/1 oz. | 111 x 115 | 100 |
| BTC0800 | 800ml/26 oz. | 50ml/2 oz. | 137 x 134 | 100 |
| BTC1000 | 1000ml/32 oz. | 50ml/2 oz. | 143 x 141 | 100 |



| Item No. | Description |
|----------|---|
| BTCST30 | Tri-Corner Beaker Set (five each of 50ml, 100ml, 250ml, 400ml, 800ml, and 1000ml sizes) |

Stackable Beakers, PP



Polypropylene beakers are highly flexible - a gentle squeeze creates a spout anywhere on the rim. Raised molded ribs prevent the beakers from sticking together. Autoclavable.

| Item No. | Capacity | Graduation Interval | O.D. x Height (mm) | Quantity per pack |
|--------------|--------------|---------------------|--------------------|-------------------|
| BST120-PK/25 | 120ml/4 oz. | 10ml/0.5 oz. | 70 x 64 | 25 |
| BST120-CASE | 120ml/4 oz. | 10ml/0.5 oz. | 70 x 64 | 1000 |
| BST500-PK/25 | 500ml/17 oz. | 50ml/1 oz. | 108 x 95 | 25 |
| BST500-CASE | 500ml/17 oz. | 50ml/1 oz. | 108 x 95 | 500 |

Beakers, Printed Graduations, PP

Polypropylene beakers with pouring spouts are ideal for general laboratory use. Tapered design is convenient for stacking and holding. All sizes have easy to read silk-screened graduations. Autoclavable.

| Item No. | Capacity (ml) | Height (mm) | Quantity per pack |
|----------|---------------|-------------|-------------------|
| P50601 | 50 | 59 | 12 |
| P50602 | 100 | 73 | 12 |
| P50603 | 250 | 94 | 12 |
| P50604 | 500 | 128 | 6 |
| P50605 | 1000 | 150 | 4 |
| P50606 | 2000 | 190 | 4 |
| P50607 | 5000 | 263 | 2 |
| P50608 | 10000 | 330 | 1 |



Beakers, Printed Graduations, PMP

Polymethylpentene beakers with pouring spouts are ideal for general laboratory use. Tapered design is convenient for stacking and holding. All sizes have easy to read silk-screened graduations. Autoclavable.



| Item No. | Capacity (ml) | Height (mm) | Quantity per pack |
|----------|---------------|-------------|-------------------|
| P50701 | 50 | 59 | 12 |
| P50702 | 100 | 73 | 12 |
| P50703 | 250 | 94 | 12 |
| P50704 | 500 | 128 | 6 |
| P50705 | 1000 | 150 | 4 |
| P50706 | 2000 | 190 | 4 |
| P50707 | 5000 | 263 | 2 |
| P50708 | 10000 | 330 | 1 |

Beakers

Beakers with Handle, Tall Form, PP



Tall form beakers with raised graduations, molded in polypropylene, are clear, autoclavable and have good chemical resistance. All sizes have handles for convenient lifting.

| Item No. | Capacity (ml) | Top Flange Diameter (mm) | Height (mm) | Graduation Interval (ml) | Quantity per pack |
|----------|---------------|--------------------------|-------------|--------------------------|-------------------|
| 81101 | 250 | 83 | 99 | 10 | 12 |
| 81102 | 500 | 97 | 126 | 10 | 12 |
| 81103 | 1000 | 114 | 170 | 10 | 6 |
| 81104 | 2000 | 150 | 212 | 20 | 6 |

Beakers with Handle, Short Form, PP

Short form beakers with raised graduations, molded in polypropylene, are clear, autoclavable and have good chemical resistance. All sizes have handles for convenient lifting.

| Item No. | Capacity (ml) | Top Flange Diameter (mm) | Height (mm) | Graduation Interval (ml) | Quantity per pack |
|----------|---------------|--------------------------|-------------|--------------------------|-------------------|
| 81121 | 500 | 95 | 110 | 25 | 12 |
| 81122 | 1000 | 122 | 132 | 50 | 6 |
| 81123 | 2000 | 145 | 167 | 50 | 6 |
| 81124 | 3000 | 170 | 188 | 100 | 6 |
| 81105 | 5000 | 184 | 225 | 250 | 1 |



| Item No. | Description |
|----------|--|
| PJSET5 | Set of 5 Beakers with Handle (one each of 500ml, 1000ml, 2000ml, 3000ml, and 5000ml sizes) |

Beakers with Handle, Printed Graduations, PP



Polypropylene beakers with pouring spouts are ideal for general laboratory use. Includes rectangular handle for easy carrying and pouring. All sizes have easy to read silk-screened graduations. Autoclavable.

| Item No. | Capacity (ml) | Height (mm) | Quantity per pack |
|----------|---------------|-------------|-------------------|
| P50802 | 100 | 73 | 6 |
| P50803 | 250 | 94 | 6 |
| P50804 | 500 | 128 | 6 |
| P50805 | 1000 | 150 | 4 |
| P50806 | 2000 | 190 | 4 |
| P50807 | 5000 | 248 | 2 |
| P50808 | 10000 | 330 | 1 |

Beakers with Handle, Printed Graduations, PMP

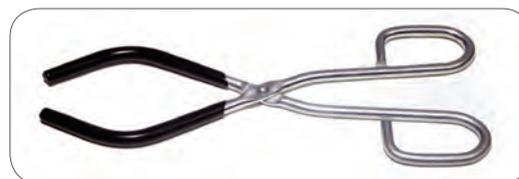
Polymethylpentene beakers with pouring spouts are ideal for general laboratory use. Includes rectangular handle for easy carrying and pouring. All sizes have easy to read silk-screened graduations. Autoclavable.

| Item No. | Capacity (ml) | Height (mm) | Quantity per pack |
|----------|---------------|-------------|-------------------|
| P50902 | 100 | 73 | 6 |
| P50903 | 250 | 94 | 6 |
| P50904 | 500 | 128 | 6 |
| P50905 | 1000 | 150 | 4 |
| P50906 | 2000 | 190 | 4 |
| P50907 | 5000 | 248 | 2 |
| P50908 | 10000 | 330 | 1 |



Beaker Tongs

Beaker tongs open to 7" and feature strong zinc-plated steel construction with flat riveted joints and vinyl coated sleeves. Tongs can handle beakers from 50ml to 1500ml capacity. Overall length is 9.75".



| Item No. | Description |
|----------|--------------|
| BTSP09 | Beaker Tongs |

Properties of United Plastic Labware

Our plastic labware is manufactured from high-quality resins. Treated with proper care, United plasticware will offer long-term satisfactory service in the laboratory. Please refer to the chart below for physical properties of United plasticware.

Physical Properties of United Plastic Labware

| Resin | Maximum Use Temperature (°C) | Brittleness Temperature (°C) | Transparency | Autoclavable* |
|----------------------------------|------------------------------|------------------------------|--------------|---------------|
| High Density Polyethylene (HDPE) | 120 | -100 | Translucent | No |
| Low Density Polyethylene (LDPE) | 80 | -100 | Translucent | No |
| Polycarbonate (PC) | 135 | -135 | Clear | Yes |
| Acrylic (PMMA) | 50 | 20 | Clear | No |
| Polymethylpentene (PMP) | 175 | 20 | Clear | Yes |
| Polypropylene (PP) | 135 | 0 | Translucent | Yes |
| Polystyrene (PS) | 90 | 20 | Clear | No |
| Polytetrafluoroethylene (PTFE) | 270 | -200 | Opaque | Yes |
| Polyvinyl Chloride (PVC) | 70 | -30 | Clear | No |

*Autoclave at 121°C, 15 psi for 20 minutes. Clean and rinse item with distilled water before autoclaving. Certain chemicals which have no appreciable effect on resins at room temperature may cause deterioration at autoclaving temperatures.

Chemical Properties of United Plastic Labware

| Class of Substance at Room Temperature | HDPE | LDPE | PC | PMMA | PP | PS | PSF | PTFE | PMP |
|--|------|------|----|------|----|----|-----|------|-----|
| Acids, Dilute or Weak | E | E | E | G | E | E | E | E | E |
| Acids, Strong and Concentrated | E | E | N | N | E | F | G | E | E |
| Alcohols, Aliphatic | E | E | G | N | E | E | G | E | E |
| Aldehydes | G | G | F | G | G | N | F | E | G |
| Bases | E | E | N | F | E | E | E | E | E |
| Esters | G | G | N | N | G | N | N | E | G |
| Hydrocarbons, Aliphatic | G | F | F | G | G | N | G | E | F |
| Hydrocarbons, Aromatic | G | F | N | N | F | N | N | E | F |
| Hydrocarbons, Halogenated | F | N | N | N | F | N | N | E | N |
| Ketones | G | G | N | N | G | N | N | E | F |
| Oxidizing Agents, Strong | F | F | N | N | F | N | G | E | F |

Resin Code

- HDPE High-density polyethylene
- LDPE Low-density polyethylene
- PC Polycarbonate
- PMMA Polymethyl methacrylate
- PP Polypropylene
- PS Polystyrene
- PSF Polysulfone
- PTFE Polytetrafluoroethylene
- PMP Polymethylpentene

Chemical Resistance Classification

- E = Excellent - 30 days of constant exposure cause no damage. Plastics may even tolerate for years.
- G = Good - Little or no damage after 30 days of constant exposure to the reagent.
- F = Fair - Some effect after 7 days of constant exposure to the reagent like crazing, cracking, loss of strength or discoloration.
- N = Not Recommended - Not for continuous use. Immediate damage may occur.

Please contact us for detailed information regarding compatibility of our plasticware with specific chemicals.

Reagent Bottles, Wide Mouth, HDPE



These high density polyethylene wide mouth bottles are translucent, pliable and have excellent strength. Include polypropylene caps.

| Item No. | Capacity (ml/oz) | Height (mm) | Neck I.D. (mm) | Cap Size (mm) | Qty per pack | Qty per case |
|----------|------------------|-------------|----------------|---------------|--------------|--------------|
| 33406 | 60 / 2 | 86 | 21 | 28 | 12 | 500 |
| 33407 | 125 / 4 | 100 | 28 | 38 | 12 | 500 |
| 33408 | 250 / 8 | 131 | 33 | 43 | 12 | 250 |
| 33409 | 500 / 16 | 176 | 43 | 53 | 12 | 125 |
| 33410* | 1000 / 32 | 200 | 53 | 63 | 6 | 50 |

*NEW SIZE

Reagent Bottles, Wide Mouth, PP

These autoclavable wide mouth polypropylene bottles are rigid, translucent and have excellent contact clarity. Include polypropylene caps.

| Item No. | Capacity (ml/oz) | Height (mm) | Neck I.D. (mm) | Cap Size (mm) | Qty per pack | Qty per case |
|----------|------------------|-------------|----------------|---------------|--------------|--------------|
| 33311 | 30 / 1 | 63 | 21 | 28 | 12 | 1000 |
| 33306 | 60 / 2 | 86 | 21 | 28 | 12 | 500 |
| 33307 | 125 / 4 | 100 | 28 | 38 | 12 | 500 |
| 33308 | 250 / 8 | 131 | 33 | 43 | 12 | 250 |
| 33309 | 500 / 16 | 170 | 43 | 53 | 12 | 125 |
| 33310 | 1000 / 32 | 200 | 53 | 63 | 6 | 50 |



Reagent Bottles, Narrow Mouth, HDPE



These high density polyethylene narrow mouth bottles are translucent, pliable and have excellent strength. Include polypropylene caps.

| Item No. | Capacity (ml/oz) | Height (mm) | Neck I.D. (mm) | Cap Size (mm) | Qty per pack | Qty per case |
|----------|------------------|-------------|----------------|---------------|--------------|--------------|
| 33401 | 60 / 2 | 85 | 14 | 20 | 12 | 500 |
| 33402 | 125 / 4 | 101 | 18 | 24 | 12 | 500 |
| 33403 | 250 / 8 | 133 | 18 | 24 | 12 | 250 |
| 33404 | 500 / 16 | 170 | 21 | 28 | 12 | 125 |
| 33405* | 1000 / 32 | 216 | 21 | 28 | 6 | 50 |

*NEW SIZE

Reagent Bottles, Narrow Mouth, PP

These autoclavable narrow mouth polypropylene bottles are rigid, translucent and have excellent contact clarity. Include polypropylene caps.

| Item No. | Capacity (ml/oz) | Height (mm) | Neck I.D. (mm) | Cap Size (mm) | Qty per pack | Qty per case |
|----------|------------------|-------------|----------------|---------------|--------------|--------------|
| 33253 | 15 / 0.5 | 58 | 14 | 20 | 12 | 1000 |
| 33254 | 30 / 1 | 62 | 14 | 20 | 12 | 1000 |
| 33301 | 60 / 2 | 85 | 14 | 20 | 12 | 500 |
| 33302 | 125 / 4 | 101 | 18 | 24 | 12 | 500 |
| 33303 | 250 / 8 | 133 | 18 | 24 | 12 | 250 |
| 33304 | 500 / 16 | 170 | 21 | 28 | 12 | 125 |
| 33305 | 1000 / 32 | 216 | 21 | 28 | 6 | 50 |



Wash Bottles, Unitary, LDPE

These bottles are made of translucent and low density polyethylene. The distinguishing feature of these bottles is the built-in delivery tube which makes it a one-piece wash bottle. Include raised graduations on the outer surface to reflect an approximate volume of solution filled or dispensed.

| Item No. | Capacity (ml) | Graduation Interval (ml) | Quantity per pack |
|----------|---------------|--------------------------|-------------------|
| 36607 | 125 | 25 | 12 |
| 36605 | 250 | 50 | 12 |
| 36606 | 500 | 100 | 12 |



Wash Bottles, Unitary, Colored Caps, LDPE

NEW



Set of four 500ml LDPE bottles are translucent and manufactured from low density polyethylene (LDPE). Graduated on the outer surface to reflect an approximate volume of solution filled or dispensed. Bottles include polypropylene (PP) caps, one each of red, yellow, blue and white.

| Item No. | Description |
|----------|--|
| WBSET4 | Wash Bottles, Unitary, Colored Caps, LDPE, 500ml, set of 4 |

Wash Bottles, Unitary, Red, LDPE

The red color of these 500ml wash bottles provides a visual indicator that they may contain hazardous liquids. Constructed of low density polyethylene, these bottles include a built-in delivery tube.

| Item No. | Description | Quantity per pack |
|----------|--|-------------------|
| 36606-R | Wash Bottle, Unitary, Red, LDPE, 500ml | 4 |



Wash Bottles, LDPE



These bottles are made of translucent and low density polyethylene. Solutions can be dispensed easily by lightly squeezing the bottle. The flexible polyethylene delivery tube can be directed wherever required.

| Item No. | Capacity (ml) | Quantity per pack |
|----------|---------------|-------------------|
| 36601 | 125 | 12 |
| 36602 | 250 | 12 |
| 36603 | 500 | 6 |
| 36604 | 1000 | 6 |

Bottle, Vacuum, PP

This heavy-duty autoclavable bottle features thick walls and is designed for repeat vacuum applications. Cap includes a non-toxic silicone O-ring for a secure seal. Threads should be completely disengaged before autoclaving.

| Item No. | Capacity (ml) | O.D. x Height (mm) | Mouth I.D. (mm) | Quantity per pack |
|----------|---------------|--------------------|-----------------|-------------------|
| 33521 | 2000 | 120 x 275 | 40 | 1 |



Bottles



Carboys with Stopcock, PP

These polypropylene, autoclavable carboys are equipped with a preassembled leak-proof stopcock. Ideal for storing and dispensing various laboratory solutions. Threads should be completely disengaged before autoclaving.

| Item No. | Capacity (L) | O.D. x Height (mm) | Mouth I.D. (mm) | Quantity per pack |
|----------|--------------|--------------------|-----------------|-------------------|
| 34051 | 10 | 250 x 430 | 67 | 1 |
| 34052 | 20 | 300 x 542 | 67 | 1 |

Carboys, PP

These polypropylene, autoclavable carboys feature wide handles for convenient carrying and pouring. Ideal for storing various laboratory solutions. Threads should be completely disengaged before autoclaving.

| Item No. | Capacity (L) | O.D. x Height (mm) | Mouth I.D. (mm) | Quantity per pack |
|----------|--------------|--------------------|-----------------|-------------------|
| 34001 | 10 | 250 x 430 | 67 | 1 |
| 34002 | 20 | 300 x 542 | 67 | 1 |



NEW



Aspirator Bottles, PP

These lightweight, autoclavable aspirator bottles are made from polypropylene and can be used for dispensing distilled water and other laboratory solutions. The leak-proof spigot screwed to the bottle requires only a half turn to open or close. Polyethylene cap and stopcock should be removed before autoclaving.

| Item No. | Capacity (L) | O.D. x Height (mm) | Mouth I.D. (mm) | Quantity per pack |
|----------|--------------|--------------------|-----------------|-------------------|
| 34101 | 5 | 165 x 350 | 45 | 1 |
| 34102 | 10 | 190 x 450 | 45 | 1 |
| 34103 | 20 | 230 x 520 | 45 | 1 |

Bottles, Storage, Wide Mouth, PP

These polypropylene bottles provide an excellent option for storage of reagents and other materials in the laboratory. The square shape is designed to optimize shelf space. Available in three different sizes, these bottles feature polypropylene caps, are autoclavable, and provide good chemical resistance.

| Item No. | Capacity (ml) | O.D. x Height (mm) | Mouth I.D. (mm) | Quantity per pack |
|----------|---------------|--------------------|-----------------|-------------------|
| 81900 | 250 | 64 x 87 | 36 | 12 |
| 81901 | 500 | 78 x 115 | 49 | 12 |
| 81902 | 1000 | 100 x 135 | 71 | 6 |



Bottle, Square, Wide Mouth, PP



This large, autoclavable polypropylene bottle can be used for storing and shipping chemicals and reagents. The 86mm diameter opening makes it easy to fill and dispense contents. Bottle features built-in grips on two sides for secure handling. Threads should be completely disengaged before autoclaving.

| Item No. | Capacity (ml) | O.D. x Height (mm) | Mouth I.D. (mm) | Quantity per pack |
|----------|---------------|--------------------|-----------------|-------------------|
| 33511 | 4000 | 137 x 290 | 86 | 1 |

Media / Storage Bottles, Borosilicate Glass

These borosilicate glass general purpose media bottles are autoclavable with permanent white imprinted graduations and marking spots. The screw thread opening has an I.D. of approximately 30mm. The supplied GL 45 cap is liner-less and both the cap and drip-free ring are polypropylene and autoclavable to 140°C. Maximum use temperature of bottles is 450°C.

| Item No. | Capacity (ml) | Graduation Range (ml) | O.D. x Height (mm) | Quantity per pack |
|----------|---------------|-----------------------|--------------------|-------------------|
| BM0100 | 100 | 20-80 | 56 x 100 | 10 |
| BM0250 | 250 | 50-200 | 70 x 138 | 10 |
| BM0500 | 500 | 100-400 | 86 x 175 | 10 |
| BM1000 | 1000 | 100-900 | 101 x 225 | 10 |
| BM2000 | 2000 | 400-1800 | 136 x 262 | 4 |



Media / Storage Bottles, Square, Borosilicate Glass

NEW



Space-saving, square-shaped borosilicate glass general purpose media bottles are autoclavable with permanent white imprinted graduations and marking spots. The screw thread opening has an I.D. of approximately 30mm. The supplied GL 45 cap is liner-less and both the cap and drip-free ring are polypropylene and autoclavable to 140°C. Maximum use temperature of bottles is 450°C.

| Item No. | Capacity (ml) | Graduation Range (ml) | O.D. x Height (mm) | Quantity per pack |
|----------|---------------|-----------------------|--------------------|-------------------|
| BMS0250 | 250 | 50-200 | 64 x 143 | 10 |
| BMS0500 | 500 | 100-400 | 78 x 181 | 10 |
| BMS1000 | 1000 | 100-900 | 94 x 222 | 10 |

Media / Storage Bottles, Amber, Borosilicate Glass

Designed for storing and transporting light sensitive materials, amber media / solutions bottles are autoclavable with permanent white imprinted graduations and marking spots. The supplied GL 45 cap is liner-less and both the cap and drip-free ring are polypropylene and autoclavable to 140°C. Maximum use temperature of bottles is 450°C.

| Item No. | Capacity (ml) | Graduation Range (ml) | OD x Height (mm) | Qty. per Pack |
|----------|---------------|-----------------------|------------------|---------------|
| BMA0100 | 100 | 40 - 80 | 56 x 105 | 10 |
| BMA0250 | 250 | 50 - 200 | 70 x 143 | 10 |
| BMA0500 | 500 | 100 - 400 | 86 x 182 | 10 |
| BMA1000 | 1000 | 100 - 900 | 101 x 203 | 10 |

Additional sizes including 2L, 5L, 10L, and 20L capacity bottles are available. Contact us for details.

NEW



Specific Gravity Bottles, Borosilicate Glass



These uncalibrated borosilicate glass bottles are excellent for determining the specific gravity of liquids. Include a ground glass stopper with a hole to allow air to escape. Available in 10ml or 25ml sizes.

| Item No. | Description |
|----------|-------------------------------|
| SGB010 | Specific Gravity Bottle, 10ml |
| SGB025 | Specific Gravity Bottle, 25ml |

Bottles

BOD Bottles, Borosilicate Glass

BOD Bottles for incubating diluted samples of clean, waste, effluent, and polluted water during the 5-day biochemical oxygen demand (BOD) test. Bottles are unnumbered and feature a penny head stopper.



| Item No. | Description | Quantity per pack |
|----------|-------------------------------|-------------------|
| BOD060 | BOD Bottle, 60ml, unnumbered | 36 |
| BOD300 | BOD Bottle, 300ml, unnumbered | 24 |
| BODCAR | BOD Bottle Carrier | 1 |

BOD Bottles, Numbered, Borosilicate Glass

BOD Bottles for incubating diluted samples of clean, waste, effluent, and polluted water during the 5-day biochemical oxygen demand (BOD) test. Bottles are numbered to allow for convenient organization of samples. 300ml bottles also include a bar code. Glass robotic stoppers are included.

Available in series of numbers from 1 through 432 in increments of 36 (60ml size) or 24 (300ml size). Please specify series of numbers when placing your order.



| Item No. | Description | Quantity per pack |
|----------|--|-------------------|
| BOD060-N | BOD Bottle, 60ml, numbered | 36 |
| BOD300-N | BOD Bottle, 300ml, numbered and barcoded | 24 |
| BODCAR | BOD Bottle Carrier | 1 |

Bottle, 60ml, Glass



Round, clear flint glass bottle, 60ml capacity. Size 0 stopper can be used for closure.

| Item No. | Description |
|----------|---------------------|
| BOT060 | Bottle, 60ml, Glass |

Barnes Dropping Bottle, 30ml, Glass

Square-shaped, clear flint glass bottles with glass pipet and rubber bulb stopper. Capacity 30ml. Replacement pipets also available. Standard pack quantity is 36 each.

| Item No. | Description |
|---------------|--|
| BOT030 | Barnes Dropping Bottle, with pipet and rubber bulb |
| BOT030-PK/36 | Barnes Dropping Bottle, with pipet and rubber bulb, pack of 36 |
| BPB010-PK/12 | Replacement pipets and bulbs, pack of 12 |
| BULB010-PK/12 | Replacement bulbs, pack of 12 |



Eye Droppers, Glass

Straight glass pipettes with tapered rubber bulbs. Available in two sizes: approximately 70mm long with 2ml capacity, and approximately 100mm long with 4ml capacity.



BPB002

NEW



BPB004

| Item No. | Description |
|---------------|------------------------------|
| BPB002-PK/3 | Eye Dropper, 2ml, pack of 3 |
| BPB002-PK/12* | Eye Dropper, 2ml, pack of 12 |
| BPB002-PK/72 | Eye Dropper, 2ml, pack of 72 |
| BPB004-PK/12* | Eye Dropper, 4ml, pack of 12 |

*NEW SIZE

Test Tube Brushes, Nylon Bristles

Good quality nylon bristles mounted in twisted heavy gauge galvanized wire. All brushes feature a radial top.

Additional sizes are available. Please call for details.

| Item No. | Brush Length | Brush Diameter | Overall Length | Quantity per pack |
|----------|--------------|----------------|----------------|-------------------|
| TTBRB1 | 3" | 1/2" | 8" | 12 |
| TTBRB2 | 3" | 3/4" | 8" | 12 |
| TTBRB3 | 3" | 1" | 9" | 12 |
| TTBRB4 | 4" | 1-1/2" | 11" | 12 |



Test Tube Brushes, Natural Bristles



Good quality natural bristles mounted in twisted heavy gauge galvanized wire. All brushes feature a radial top.

Additional sizes are available. Please call for details.

| Item No. | Brush Length | Brush Diameter | Overall Length | Quantity per pack |
|----------|--------------|----------------|----------------|-------------------|
| TTBN01 | 3" | 1/2" | 8" | 12 |
| TTBN02 | 3" | 3/4" | 8" | 12 |
| TTBN03 | 3" | 1" | 9" | 12 |
| TTBN04 | 4" | 1-1/2" | 11" | 12 |

Burette Brush, Nylon Bristles



Good quality nylon bristles mounted in twisted heavy gauge galvanized wire. Includes a radial top.

| Item No. | Brush Length | Brush Diameter | Overall Length | Quantity per pack |
|----------|--------------|----------------|----------------|-------------------|
| BUBR01 | 10" | 1/2" | 28" | 1 |



Image shows close-up of Burette Brush bristles.

Beaker Brushes, Nylon Bristles



Good quality nylon black bristles mounted on a wooden handle. Includes a radial top.

| Item No. | Brush Length | Brush Diameter | Overall Length | Quantity per pack |
|----------|--------------|----------------|----------------|-------------------|
| BBR013 | 6" | 3" | 13" | 1 |
| BBR016 | 6" | 3" | 16" | 1 |

Volumetric Ware background information

United volumetric glassware is of high quality and manufactured to ASTM standards using state-of-the-art manufacturing and calibration equipment. The calibration laboratory is NABL accredited in accordance with ISO 17025:2005 standards.

Class A versions of our volumetric ware comply with USP (United States Pharmacopoeia) standards. Burettes and pipettes are calibrated 'to deliver' (TD, Ex). Flasks and graduated cylinders are calibrated 'to contain' (TC, In).

Class B volumetric instruments feature tolerances that are about twice that of comparable Class A instruments (e.g. if a Class A burette has a tolerance of $\pm 0.05\text{ml}$, the corresponding Class B version will have a tolerance of approximately $\pm 0.10\text{ml}$).

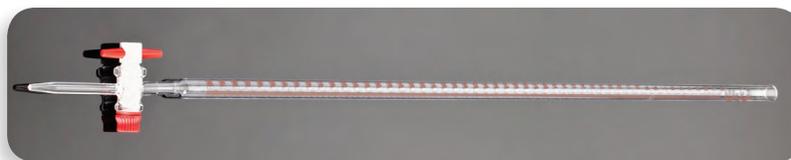
Volumetric instruments can be heated up to 250°C in a drying cabinet or sterilizer without any resulting volume changes. Never heat volumetric instruments on a hot plate.

The standard reference temperature (i.e., the temperature at which volumetric instruments will contain or dispense their stated volume) is 20°C .



United's volumetric ware is calibrated in an NABL-accredited laboratory.

Burettes, Class A, with Straight Bore PTFE Key Stopcock, Batch Certified



Class A, ASTM E287, meets USP standards, batch certified. Waiting time of 30 seconds. Manufactured from precision bore tubing and calibrated To Deliver (TD, Ex) on computer-controlled machines. Includes PTFE straight bore stopcock.

| Item No. | Capacity (ml) | Graduation Interval (ml) | Tolerance (\pm ml) | Quantity per pack |
|-----------|---------------|--------------------------|-----------------------|-------------------|
| BR2129-10 | 10 | 0.05 | 0.02 | 1 |
| BR2129-25 | 25 | 0.10 | 0.03 | 1 |
| BR2129-50 | 50 | 0.10 | 0.05 | 1 |

| www.glasscolabs.com | | GLASSCO ISO 9001:2008 |
|----------------------------|---------------------|--------------------------|
| BURETTE WITH PTFE STOPCOCK | | |
| CLASS A | | |
| CATALOGUE NO | 115.450.01 | |
| NOMINAL VOLUME | 10.00 ml | |
| TOLERANCE | ± 0.020 ml | |
| COMPLIANCE | ASTM E-287 | |
| BATCH NO | 11.13 | |
| MEAN VOLUME DEL. | 9.990 ml | |
| STANDARD DEVIATION | 0.004 ml | |
| TESTING DEVICE NAME | SARTORIUS | |
| BALANCE | ABAL-12.420g/0.001g | |
| WEIGHTS | 10g | |
| THERMOMETER | DM-03,-50 to200 | |
| | DEG C/0.1DEG | |
| OPERATOR | ROSHNI | |
| DATE OF ISSUE | 11.11.13 | |

Each burette includes a batch calibration certificate.

Burettes, Class A, with Straight Bore PTFE Key Stopcock, Individually Certified

Class A, ASTM E287, meets USP standards, serialized and certified. Waiting time of 30 seconds. Manufactured from precision bore tubing and calibrated To Deliver (TD, Ex) on computer-controlled machines. Includes PTFE straight bore stopcock.

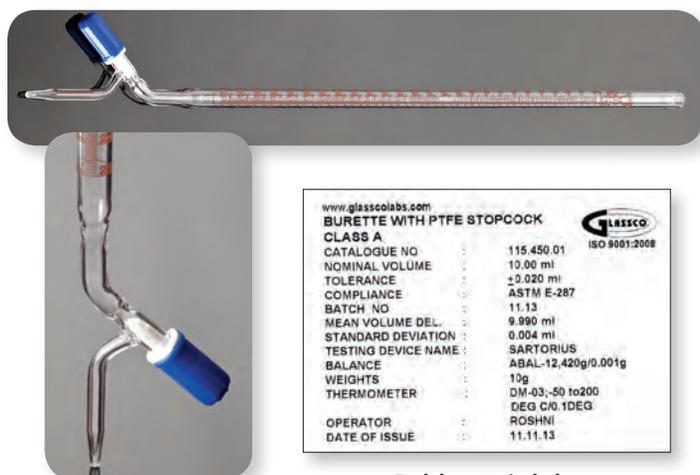
| Item No. | Capacity (ml) | Graduation Interval (ml) | Tolerance (\pm ml) | Quantity per pack |
|-----------|---------------|--------------------------|-----------------------|-------------------|
| BR2128-10 | 10 | 0.05 | 0.02 | 1 |
| BR2128-25 | 25 | 0.10 | 0.03 | 1 |
| BR2128-50 | 50 | 0.10 | 0.05 | 1 |

Each burette includes an individually serialized certificate.



Burettes, Class A, with Screw Thread Stopcock, Batch Certified

Class A, ASTM E287, meets USP standards, batch certified. Waiting time of 30 seconds. Manufactured from precision bore tubing and calibrated To Deliver (TD, Ex) on computer-controlled machines. Includes PTFE screw thread stopcock.



| Item No. | Capacity (ml) | Graduation Interval (ml) | Tolerance (\pm ml) | Quantity per pack |
|-----------|---------------|--------------------------|-----------------------|-------------------|
| BR2121-10 | 10 | 0.05 | 0.02 | 1 |
| BR2121-25 | 25 | 0.10 | 0.03 | 1 |
| BR2121-50 | 50 | 0.10 | 0.05 | 1 |

Each burette includes a batch calibration certificate.

| Item No. | Capacity (ml) | Graduation Interval (ml) | Tolerance (\pm ml) | Quantity per pack |
|-----------|---------------|--------------------------|-----------------------|-------------------|
| BR2121-10 | 10 | 0.05 | 0.02 | 1 |
| BR2121-25 | 25 | 0.10 | 0.03 | 1 |
| BR2121-50 | 50 | 0.10 | 0.05 | 1 |

Burettes, Class A, with Screw Thread Stopcock, Individually Certified

Class A, ASTM E287, meets USP standards, serialized and certified. Waiting time of 30 seconds. Manufactured from precision bore tubing and calibrated To Deliver (TD, Ex) on computer-controlled machines. Includes PTFE screw thread stopcock.

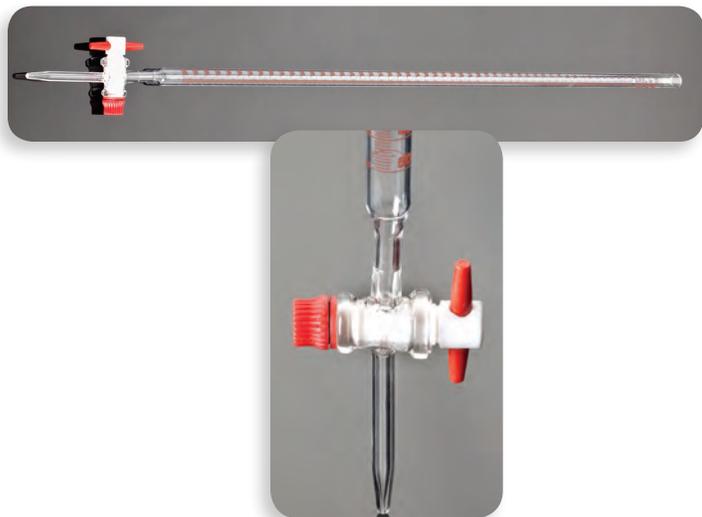
| Item No. | Capacity (ml) | Graduation Interval (ml) | Tolerance (\pm ml) | Quantity per pack |
|-----------|---------------|--------------------------|-----------------------|-------------------|
| BR2120-10 | 10 | 0.05 | 0.02 | 1 |
| BR2120-25 | 25 | 0.10 | 0.03 | 1 |
| BR2120-50 | 50 | 0.10 | 0.05 | 1 |

Each burette includes an individually serialized certificate.



Burettes

Burettes, Class B, with Straight Bore PTFE Key Stopcock



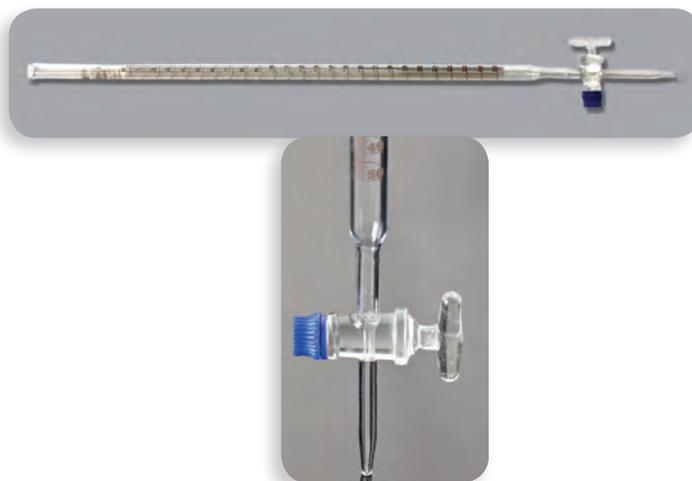
Burettes are made from the highest quality accurate bore tubing to provide a high degree of accuracy, reliability, and durability. All graduations are in resilient white enamel. Includes PTFE straight bore stopcock. Accuracy as per Class B.

| Item No. | Capacity (ml) | Graduation Interval (ml) | Tolerance (\pm ml) | Quantity per pack |
|------------|---------------|--------------------------|-----------------------|-------------------|
| BR2130-10 | 10 | 0.05 | 0.04 | 1 |
| BR2130-25 | 25 | 0.10 | 0.06 | 1 |
| BR2130-50 | 50 | 0.10 | 0.10 | 1 |
| BR2130-100 | 100 | 0.20 | 0.20 | 1 |

Burettes, Class B, with Straight Bore Glass Stopcock

Burettes are made from the highest quality accurate bore tubing to provide a high degree of accuracy, reliability, and durability. All graduations are in resilient white enamel. Includes a straight bore glass stopcock. Accuracy as per Class B.

| Item No. | Capacity (ml) | Graduation Interval (ml) | Tolerance (\pm ml) | Quantity per pack |
|------------|---------------|--------------------------|-----------------------|-------------------|
| BR2124-10 | 10 | 0.05 | 0.04 | 1 |
| BR2124-25 | 25 | 0.10 | 0.06 | 1 |
| BR2124-50 | 50 | 0.10 | 0.10 | 1 |
| BR2124-100 | 100 | 0.20 | 0.20 | 1 |



Burettes, Class B, with Screw Thread Stopcock



Include general purpose screw thread stopcocks with PTFE keys. Burettes are made from the highest quality accurate bore tubing to provide a high degree of accuracy, reliability, and durability. All graduations are in resilient white enamel. Includes PTFE screw thread stopcock. Accuracy as per Class B.

| Item No. | Capacity (ml) | Graduation Interval (ml) | Tolerance (\pm ml) | Quantity per pack |
|------------|---------------|--------------------------|-----------------------|-------------------|
| BR2122-10 | 10 | 0.05 | 0.04 | 1 |
| BR2122-25 | 25 | 0.10 | 0.06 | 1 |
| BR2122-50 | 50 | 0.10 | 0.10 | 1 |
| BR2122-100 | 100 | 0.20 | 0.20 | 1 |

Burettes, Class B, with PTFE Detachable Stopcocks

Burettes are made from the highest quality accurate bore tubing to provide a high degree of accuracy, reliability, and durability. Accuracy as per Class B.

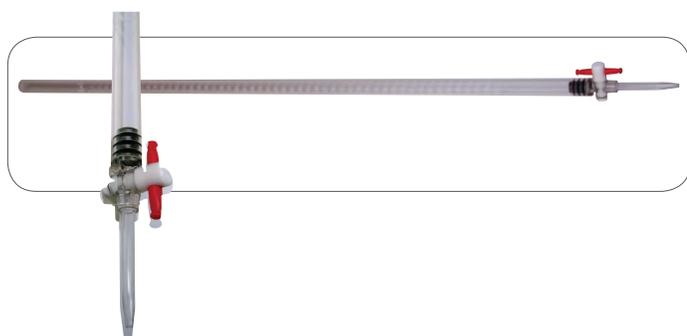
PTFE stopcock and tip detaches from the body of the burette for easy cleaning and convenient replacement of broken tips.

| Item No. | Capacity (ml) | Graduation Interval (ml) | Tolerance (\pm ml) | Quantity per pack |
|-----------|---------------|--------------------------|-----------------------|-------------------|
| BR2116-10 | 10 | 0.05 | 0.04 | 1 |
| BR2116-25 | 25 | 0.10 | 0.06 | 1 |
| BR2116-50 | 50 | 0.10 | 0.10 | 1 |



Acrylic Burets

This buret has a clear acrylic body and leak-proof stopcock with a self-lubricating PTFE plug. Acrylic body is resistant to dilute mineral acids and bases except Hydrofluoric Acid and Ammonium Hydroxide. Graduations are in 0.1 ml increments.



| Item No. | Capacity (ml) | Overall Length (mm) | Quantity per pack |
|----------|---------------|---------------------|-------------------|
| 11501 | 25 | 570 | 1 |
| 11502 | 50 | 735 | 1 |
| 11503 | 100 | 835 | 1 |

Automatic Burettes, Borosilicate Glass, Class A, Individually Certified

Self-zeroing burette mounts on a glass bottle. Includes a PTFE needle valve stopcock, intermediate stopcock and rubber bellows.

Class A, ASTM E-287, meets USP standards, individually serialized and certified. Includes Schellbach backing for easy reading of liquid levels. With amber graduations. Manufactured from precision bore tubing and calibrated To Deliver (TD, Ex) on computer-controlled machines.

Glass bottles with ground glass joints are sold separately. 500ml bottle size is compatible with the 10ml automatic burette. 2000ml bottle size is compatible with the 25ml and 50ml automatic burettes.

| Item No. | Capacity (ml) | Graduation Interval (ml) | Tolerance (\pm ml) | Bottle Capacity (ml) | Qty per pack |
|-----------|---------------|--------------------------|-----------------------|----------------------|--------------|
| BRA217-10 | 10 | 0.05 | 0.02 | 500 | 1 |
| BRA217-25 | 25 | 0.10 | 0.03 | 2000 | 1 |
| BRA217-50 | 50 | 0.10 | 0.05 | 2000 | 1 |

| Item No. | Description | Qty per pack |
|----------|--|--------------|
| BRB0500 | Bottle only for Automatic Burettes, 500ml | 1 |
| BRB2000 | Bottle only for Automatic Burettes, 2000ml | 1 |



BRA217-50 Automatic Burette shown with BRB2000 Bottle.

Centrifuge Tubes, Conical Bottom, PP/HDPE



D1001



D1003

Polypropylene tubes include blue HDPE leak-proof screw caps, silk-screen black graduations and a large white marking spot. Available in 15ml capacity (racked) or 50ml capacity (bulk in a poly bag).

15ml tubes are graduated from 2 to 14ml with graduation intervals of 0.5ml. 50ml tubes are graduated from 5 to 47.5ml with graduation intervals of 2.5ml.

Autoclavable at 121°C and freezable to -45°C. Steam sterilized. Maximum RCF 9000.

| Item No. | Capacity (ml) | O.D. x Height (mm) | Quantity per pack | Quantity per case |
|----------|---------------|--------------------|-------------------|-------------------|
| D1003 | 15 (Sterile) | 16.5 x 117.8 | 50 | 500 |
| D1001 | 50 (Sterile) | 29.2 x 114.3 | 50 | 500 |

Centrifuge Tubes, Self-Standing, PP/HDPE

Polypropylene tubes feature a convenient flat bottom so they stand on their own. Include blue HDPE leak-proof screw caps, silk-screen black graduations and a large white marking spot. Tubes are graduated from 5 to 50ml with graduation intervals of 2.5ml.

Autoclavable at 121°C and freezable to -45°C. Steam sterilized. Maximum RCF 9000.

| Item No. | Capacity (ml) | O.D. x Height (mm) | Quantity per pack | Quantity per case |
|----------|---------------|--------------------|-------------------|-------------------|
| D1002 | 50 (Sterile) | 29.2 x 117.3 | 50 | 500 |



Centrifuge Tubes, Conical Bottom, PP/HDPE



Polypropylene tubes include blue HDPE leak-proof screw caps. The tubes and caps feature specially-designed flat threads for vacuum-type closure that is leak-free at a pressure of >700mm Hg. Highly smooth hydrophobic internal surfaces minimize wall effect. Silk-screen graduations and a frosted surface make writing easier.

Autoclavable at 121°C and 15 psi for 30 minutes. Radiation sterilized. DNase, RNase, Pyrogen and latex-free. Maximum RCF 14000.

Amber colored tubes are suitable for light sensitive applications because they do not allow any light to pass through the samples.

| Item No. | Capacity (ml) | Cap Color | O.D. x Height (mm) | Quantity per pack |
|----------|--------------------|-----------|--------------------|-------------------|
| P10402 | 15 (Sterile) | Blue | 16.5 x 117.8 | 500 |
| P10406 | 15 (Sterile Amber) | Blue | 16.5 x 117.8 | 500 |
| P10404 | 50 (Sterile) | Blue | 29.2 x 114.3 | 500 |
| P10408 | 50 (Sterile Amber) | Blue | 29.2 x 114.3 | 500 |

Centrifuge Tubes, Racked, Conical Bottom, PP/HDPE

Centrifuge tube and rack sets are a convenient solution for organizing and storing conical bottom tubes. Racks are made of expanded polystyrene (EPS) and include holes arranged in a zigzag format for easy dispensing. Racks contain 50 of the 15ml tubes or 25 of the 50ml tubes. Sterile tubes are available in Clear or Amber styles.

Please refer to our 'Centrifuge Tube, Conical Bottom, PP/HDPE' presentation for a detailed listing of tube specifications.

| Item No. | Capacity (ml) | Height (mm) | Quantity per pack |
|----------|----------------------------|-------------|-------------------|
| P10412 | 15 (Sterile, Racked) | 125 | 50 pcs x 10 Racks |
| P10414 | 15 (Sterile Amber, Racked) | 125 | 50 pcs x 10 Racks |
| P10416 | 50 (Sterile, Racked) | 120 | 25 pcs x 20 Racks |
| P10418 | 50 (Sterile Amber, Racked) | 120 | 25 pcs x 20 Racks |



Centrifuge Tubes, Self-Standing, PP/HDPE

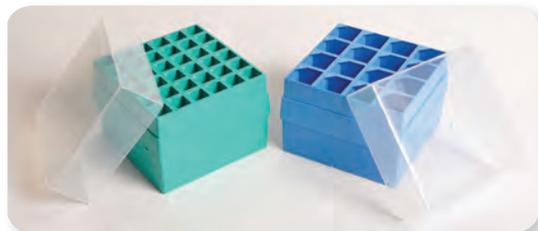
Polypropylene tubes include a convenient flat bottom so they stand on their own, a large white frosted labeling area, silk screen graduations, and HDPE leak-proof caps.

Autoclavable at 121°C and 15 psi for 30 minutes. Radiation sterilized. DNase, RNase, Pyrogen and latex-free. Maximum RCF 9000.



| Item No. | Capacity (ml) | Cap Color | O.D. x Height (mm) | Quantity per pack |
|----------|---------------|-----------|--------------------|-------------------|
| P10424 | 50 (Sterile) | Blue | 29.2 x 117.3 | 500 |

Centrifuge Tube Boxes, PP



P20604

P20605

Autoclavable centrifuge tube boxes provide a more durable and rugged alternative to cardboard or foam racks. These racks can withstand a temperature of -90° to 121°C. Color-coding makes it easy to distinguish between rack sizes - green racks hold 15ml tubes, and blue racks hold 50ml tubes. Each tube placeholder contains a numeric code, easily visible through the clear lid.

| Item No. | Tube Capacity (ml) | Places | L x W x H (mm) | Quantity per pack |
|----------|--------------------|------------------|-----------------|-------------------|
| P20604 | 15 | 36 (6 x 6 array) | 145 x 145 x 125 | 4 |
| P20605 | 50 | 16 (4 x 4 array) | 145 x 145 x 125 | 4 |

Centrifuge Tube Boxes, Economy, PP

Rugged, autoclavable centrifuge tube boxes can be used at temperatures of -90°C to 121°C. Racks hold 36 each 15ml tubes, or 16 each 50ml tubes, and feature a clear lid for easy identification of contents.

| Item No. | Tube Capacity (ml) | Places | L x W x H (mm) | Quantity per pack |
|----------|--------------------|------------------|-----------------|-------------------|
| 63351 | 15 | 36 (6 x 6 array) | 145 x 145 x 125 | 4 |
| 63352 | 50 | 16 (4 x 4 array) | 145 x 145 x 125 | 4 |



63351

63352

Hand Centrifuge



16:1 crank to head gear ration yields a head speed of 1152 RPM in 10 seconds.



This hand-driven centrifuge comes with a table-mounting clamp. Features a painted metal body and metal head. Comes complete with four aluminum shields. Easily disassembles for storage in specially designed foam box. Crank is geared to head at 16:1 ratio. A crank rate of 12 turns in 10 seconds yields a head speed of 1152 RPM.

| Item No. | Description |
|----------|-----------------|
| CENTFG1 | Hand Centrifuge |

Micro Pestles, PP

These double-ended polypropylene micro pestles feature one end that fits 1.5ml microcentrifuge tubes and another end that fits 0.5ml tubes. Autoclavable. Micro pestles are excellent for resuspending bacterial cells and precipitates of nucleic acids or proteins, and are useful for tissue grinding.

| Item No. | Description | Quantity per pack |
|----------|---|-------------------|
| 81441 | Micro Pestles for 1.5ml and 0.5ml tubes | 12 |



Microcentrifuge Tubes, PP



Made from high-quality virgin polypropylene, these microcentrifuge tubes are RNase, DNase and Pyrogen free for safer use in molecular biology and other biochemical applications. Include a connected snap cap, large molded-in graduations, and a frosted surface for easier writing. Autoclavable tubes can be used in very low temperatures and with various organic solvents. Maximum RCF 20000. Amber colored tubes are suitable for light sensitive applications because they do not allow any light to pass through the samples.

| Item No. | Capacity (ml) | Outside Diameter (mm) | Height (mm) | Quantity per pack |
|----------|---------------|-----------------------|-------------|-------------------|
| P10201 | 0.5 (Natural) | 10 | 31.5 | 1000 |
| P10201A | 0.5 (Amber) | 10 | 31.5 | 1000 |
| P10207 | 0.5 (Blue) | 10 | 31.5 | 1000 |
| P10202 | 1.5 (Natural) | 13 | 41 | 500 |
| P10204A | 1.5 (Amber) | 13 | 41 | 500 |
| P10204 | 1.5 (Blue) | 13 | 41 | 500 |
| P10203 | 2.0 (Natural) | 13 | 41 | 500 |
| P10203A | 2.0 (Amber) | 13 | 41 | 500 |
| P10205 | 2.0 (Blue) | 13 | 41 | 500 |

Microcentrifuge Tubes, Rainbow Pack, PP

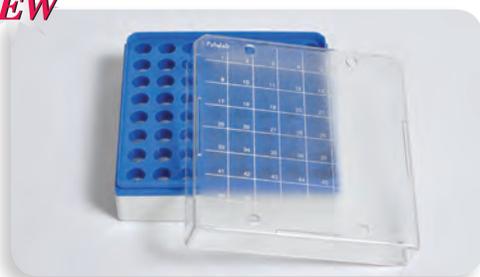
This convenient assortment includes 125 each of red, blue, yellow and green tubes. Please refer to our 'Microcentrifuge Tubes, PP' presentation for a detailed listing of tube specifications.



| Item No. | Capacity (ml) | Outside Diameter (mm) | Height (mm) | Quantity per pack |
|----------|---------------|-----------------------|-------------|-------------------|
| P10204R | 1.5 | 13 | 41 | 500 |

Microcentrifuge Tube Storage Boxes, PC

NEW



These rugged autoclavable storage boxes are molded in polycarbonate, and can be used at temperatures of -150°C to 121°C. Designed to hold 100 each 0.5ml microcentrifuge tubes, or 64 each 1.5ml tubes. The numbered grid on transparent lid is keyed in one position to prevent misalignment. Lid accepts writing with a marker. Not recommended for use with liquid-phase liquid nitrogen.

| Item No. | Tube Capacity (ml) | Places | L x W x H (mm) | Quantity per pack |
|----------|--------------------|---------------------|----------------|-------------------|
| 63213 | 0.5 | 100 (10 x 10 array) | 133 x 133 x 52 | 4 |
| 63214 | 1.5 | 64 (8 x 8 array) | 133 x 133 x 52 | 4 |

Racks for Microcentrifuge Tubes, Interlocking, PP

Sturdy autoclavable racks are compatible with both 1.5ml and 2.0ml microcentrifuge tubes. Racks lock together on each side so that several can be attached for larger experiments. Holes have molded-in numbers for sample identification. Rubber supports on the bottom provide stability.



| Item No. | Tube Capacity (ml) | Places | L x W x H (mm) | Quantity per pack |
|----------|--------------------|-------------------|----------------|-------------------|
| P20205 | 1.5 and 2.0 | 20 (10 x 2 array) | 210 x 70 x 35 | 8 |

NEW



Floating Microtube Racks, PP

Floating microtube racks are ideal for thawing, cooling, or incubating samples in water or ice baths, at a wide range of temperatures from -70°C to 100°C. Tubes are supported below the lip while conical ends are immersed in water. Racks feature a handle for easy removal from water bath, as well as a molded-in alpha-numeric grid for identification of samples.

| Item No. | Description | Quantity per pack |
|----------|------------------------------|-------------------|
| 63201 | Floating Microtube Racks, PP | 12 |

Reversible Racks for Microcentrifuge Tubes, PP

Polypropylene racks contain grids on both sides. One side holds 1.5/2.0ml microcentrifuge tubes with extra smaller positions for 0.5ml tubes, and the other side holds 0.5ml microcentrifuge tubes with extra positions for 1.5/2.0ml microcentrifuge tubes. The 96 place rack contains 12 x 8 arrays. The 80 place rack contains 16 x 5 arrays. Molded-in coding for easy identification of tubes. Autoclavable.



| Item No. | Tube Capacity (ml) | Places | L x W x H (mm) | Quantity per pack |
|----------|--------------------|-------------------|----------------|-------------------|
| P20206 | 1.5, 2.0 & 0.5 | 96 (12 x 8 array) | 220 x 150 x 50 | 6 |
| P20207 | 1.5, 2.0 & 0.5 | 80 (16 x 5 array) | 240 x 85 x 50 | 6 |

Reversible Racks for Microcentrifuge Tubes, Assorted Colors, PP

NEW



Reversible racks can be used for 0.5ml or 1.5ml capacity tubes. Both sides of the rack can hold up to 108 tubes, and feature alpha-numeric grid for inventory management. Included transparent lid can be used to cover either side to provide a clear view while protecting stored tubes. Autoclavable. Pack includes one each of red, orange, yellow, green and blue racks.

| Item No. | Tube Capacity (ml) | Places | L x W x H (mm) | Quantity per pack |
|----------|--------------------|--------------------|----------------|-------------------|
| 63211 | 0.5 or 1.5 | 108 (12 x 9 array) | 210 x 133 x 52 | 5 |

Racks for Microcentrifuge Tubes, PC

Stackable polycarbonate racks are compatible with both 1.5ml and 2.0ml microcentrifuge tubes. Holes have molded-in numbers and letters for sample identification. Ergonomic design provides easy insertion and removal of tubes. Can be used in wide temperature range (-135° to 135°C). Autoclavable.



| Item No. | Tube Capacity (ml) | Places | Color | L x W x H (mm) | Qty per pack |
|----------|--------------------|-------------------|--------|----------------|--------------|
| P20201 | 1.5 and 2.0 | 24 (6 x 4 array) | White | 164 x 100 x 59 | 8 |
| P20202 | 1.5 and 2.0 | 24 (6 x 4 array) | Yellow | 164 x 100 x 59 | 8 |
| P20203 | 1.5 and 2.0 | 48 (12 x 4 array) | White | 293 x 100 x 59 | 8 |
| P20204 | 1.5 and 2.0 | 48 (12 x 4 array) | Yellow | 293 x 100 x 59 | 8 |

Racks for Microcentrifuge Tubes, PC

NEW



Polycarbonate racks hold 1.5ml microcentrifuge tubes. Unique design allows racks to be securely stacked on top of each other. Includes alpha-numeric grid for easy identification of tubes. Autoclavable.

| Item No. | Description | Quantity per pack |
|----------|-------------|-------------------|
| 77705 | 24 Places | 4 |
| 77705-A | 48 Places | 4 |

Racks for Microcentrifuge Tubes, 100-Place, PP

Two-tier polypropylene racks hold up to 100 of 1.5ml microcentrifuge tubes. Racks are autoclavable and can be used in water baths or freezers. A molded-in alpha-numeric index makes sample identification easy. Racks are stackable and have a 2 3/4" x 1" labeling area on two sides.



| Item No. | Description | Quantity per pack |
|----------|------------------------------------|-------------------|
| 77910 | Rack for Microcentrifuge Tubes, PP | 6 |

Clamps



NEW

3-Prong Heavy Duty Extension Clamp with Stainless Steel Rod



This extension clamp features heavy-duty electroplated zinc alloy construction and dual prong adjustments. The 5" long extension rod is constructed of stainless steel. Prongs open to about 4", have a recommended maximum grip size of about 3.25", and feature double keyed spring-type adjustment screws. Prongs are covered with non-slip PVC sleeves. Overall length is 10.75".

| Item No. | Description | Maximum Use Temperature |
|----------|------------------------------------|-------------------------|
| CLHD03 | 3-Prong Heavy Duty Extension Clamp | 80°C |

3-Prong Extension Clamps with Rod

Our deluxe line of 3-prong extension clamps are constructed of pressure die-cast zinc alloy and are chrome-plated. Prongs open to about 3", have a recommended maximum grip size of about 2.25", and feature double keyed spring-type adjustment screws. Extension rod is 8.25" long, 5/16" O.D., with an overall length of 12.75".

| Item No. | Description | Maximum Use Temperature |
|----------|---|-------------------------|
| ECPVC1 | 3-Prong Extension Clamp with Rod, PVC coated grips | 80°C |
| ECSIL1 | 3-Prong Extension Clamp with Rod, Silicone coated grips | 280°C |



3-Prong Extension Clamps with Boss Head



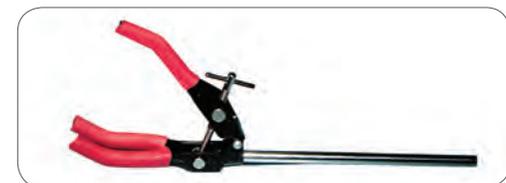
Our deluxe line of 3-prong extension clamps are constructed of pressure die-cast zinc alloy and are chrome-plated. Prongs open to about 3", have a recommended maximum grip size of about 2.25", and feature double keyed spring-type adjustment screws. Boss head clamp can swing freely, is lockable at any angle up to 360°, and can be used with rods up to 19mm.

| Item No. | Description | Maximum Use Temperature |
|----------|---|-------------------------|
| ECPVC2 | 3-Prong Extension Clamp with Boss Head, PVC coated grips | 80°C |
| ECSIL2 | 3-Prong Extension Clamp with Boss Head, Silicone coated grips | 280°C |

3-Prong Extension Clamp with Steel Rod

Features a 3-prong die-cast clamp attached to a chrome-plated steel rod. Prongs are covered with rubber sleeves. Overall length is 10".

| Item No. | Description | Maximum Use Temperature |
|----------|--|-------------------------|
| ECLJ03 | 3-Prong Extension Clamp with Steel Rod | 60°C |



3-Prong Universal Clamp with Holder



Clamp features vinyl coated 3-prong jaws that open up to 2.25" wide. Includes fiberglass sleeves and a clamp holder that can be rotated 360°.

| Item No. | Description | Maximum Use Temperature |
|----------|---|-------------------------|
| ECBH01 | 3-Prong Universal Clamp with Clamp Holder | 80°C |

2-Prong Burette Clamps with Extension Rod

Our deluxe line of 2-prong burette clamps are made of pressure die-cast zinc alloy and are chrome plated. Adjustable to hold up to 60mm O.D. burettes, these clamps feature a spring-type adjustment key. Extension rod is 8.25" long, 5/16" O.D., with an overall length of 12.75".

| Item No. | Description | Maximum Use Temperature |
|----------|---|-------------------------|
| CLCORK1 | 2-Prong Burette Clamp with Extension Rod, Cork coated grips | 60°C |
| CLPVC1 | 2-Prong Burette Clamp with Extension Rod, PVC coated grips | 80°C |
| CLSIL1 | 2-Prong Burette Clamp with Extension Rod, Silicone coated grips | 280°C |



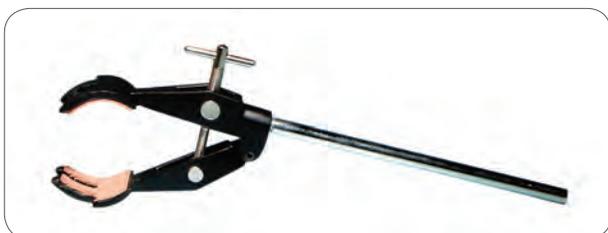
2-Prong Burette Clamps with Boss Head

Our deluxe line of 2-prong burette clamps are made of pressure die-cast zinc alloy and are chrome plated. Adjustable to hold up to 60mm O.D. burettes, these clamps feature a spring-type adjustment key. Boss head clamp can swing freely and is lockable at any angle up to 360°, and can be used with rods up to 19mm.

| Item No. | Description | Maximum Use Temperature |
|----------|--|-------------------------|
| CLCORK2 | 2-Prong Burette Clamp with Boss Head, Cork coated grips | 60°C |
| CLPVC2 | 2-Prong Burette Clamp, with Boss Head, PVC coated grips | 80°C |
| CLSIL2 | 2-Prong Burette Clamp, with Boss Head, Silicone coated grips | 280°C |



2-Prong Extension Clamp with Steel Rod



Features a 2-prong die-cast clamp attached to a chrome-plated steel rod. Jaws are lined with cork. Overall length is 8".

| Item No. | Description | Maximum Use Temperature |
|----------|--|-------------------------|
| CLEX01 | 2-Prong Extension Clamp with Steel Rod | 60°C |

NEW

4-Prong Extension Clamp with Boss Head



Features a 4-prong die-cast clamp attached to a chrome-plated steel rod. Jaws are lined with cork. Overall length is 8".

| Item No. | Description | Maximum Use Temperature |
|----------|--|-------------------------|
| CLFCORK2 | 4-Prong Extension Clamp with Boss Head | 60°C |

Deluxe Burette Clamps



CLBURDS



CLBURDD

Deluxe burette clamps are die-cast from aluminum and feature black rubber sleeves for firm gripping of burettes. The adjustable clamps hold up to 30mm O.D. burettes which are held in place by the pressure created by the springs. For use with rods up to 19mm diameter.

| Item No. | Description |
|----------|------------------------------|
| CLBURDS | Deluxe Burette Clamp, Single |
| CLBURDD | Deluxe Burette Clamp, Double |

Burette Clamps



CLBUR1N



CLBUR2N

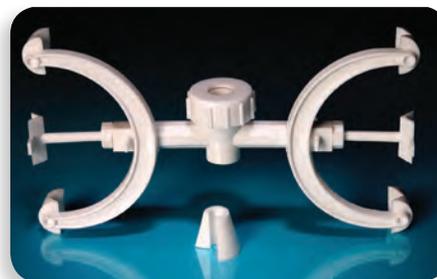
These clamps are constructed from aluminum and feature PVC covered spring jaws. Available in single and double versions, these clamps accept burettes up to 35mm O.D., and can be used with support rods up to 1/2" O.D.

| Item No. | Description |
|----------|-----------------------|
| CLBUR1N | Burette Clamp, Single |
| CLBUR2N | Burette Clamp, Double |

Burette Clamps, PP

These polypropylene burette clamps are completely corrosion-proof. The spring-loaded jack in the middle provides a vice-like grip on the burette and prevents it from slipping. Two tapered wedges are included to ensure firm grip on 1/2" or 3/8" diameter rods.

| Item No. | Description | Quantity per pack |
|----------|---------------------------|-------------------|
| 45101 | Burette Clamp, PP, Single | 12 |
| 45102 | Burette Clamp, PP, Double | 6 |



Lincoln-Type Burette Clamp



This zinc-plated stamped steel burette clamp has a steel thumbscrew and can be used with rods up to 3/4" in diameter. The distance between the two burettes is 7-1/4" (18.4cm).

| Item No. | Description |
|----------|----------------------------|
| CLLB02 | Lincoln-Type Burette Clamp |

Burette Clamp with Boss Head, Coated Jaws

Excellent for holding small objects. The jaws open from 15mm to 45mm (½" to 1¾"). The clamp attaches to rods up to 13mm (½") O.D. Jaws can be rotated and locked at any angle. Jaws are covered with PVC sleeves.



| Item No. | Description |
|----------|---|
| COBR3-FR | Burette Clamp with Boss Head, Coated Jaws |

Burette Clamp with Boss Head, Uncoated Jaws



Excellent for holding small objects. The jaws open from 15mm to 45mm (½" to 1¾"). The clamp attaches to rods up to 13mm (½") O.D. Jaws can be rotated and locked at any angle.

| Item No. | Description |
|----------|---|
| COBR3-U | Burette Clamp with Boss Head, Uncoated Jaws |

Clamp with Hook

Clamp with Hook can be rotated and locked in any position. Ideal for supporting suspended thermometers, drying tubes, etc. The clamp attaches to rods up to 13mm (½") O.D.



| Item No. | Description |
|----------|-----------------|
| CLHK01 | Clamp With Hook |

Thermometer Clamp



Thermometer Clamp features an adjustable 360° rotating jaw for suspending thermometers. The clamp attaches to rods up to 13mm (½") O.D.

| Item No. | Description |
|----------|-------------------|
| THCL01 | Thermometer Clamp |

Clamp Holder, Brass

For rods up to 19mm in diameter. Brass body with brass thumb screws.



| Item No. | Description |
|----------|--|
| RCLBH2 | Clamp Holder, Brass Body, Brass Thumb Screws |

Clamp Holder, Cast Aluminum



For rods to 19mm in diameter. Cast aluminum body with steel thumb screws.

| Item No. | Description |
|----------|---|
| RCLBH1 | Clamp Holder, Cast Aluminum, Steel Thumb Screws |

Swivel Clamp Holder

Plated steel double clamp. Accepts rods up to ¾" diameter (19 mm). One clamp can be rotated 360° along its axis and locked in any position. Length across clamps is 4.5".



| Item No. | Description |
|----------|---------------------|
| CLMS01 | Swivel Clamp Holder |

C-Clamps



Our clamps feature strong cast iron frames and a screw-thread mechanism that provides a sturdy grip.

| Item No. | Description |
|----------|-------------------------|
| CLMPC2 | C-Clamp, 2" jaw opening |
| CLMPC3 | C-Clamp, 3" jaw opening |
| CLMPC4 | C-Clamp, 4" jaw opening |
| CLMPC5 | C-Clamp, 5" jaw opening |
| CLMPC6 | C-Clamp, 6" jaw opening |

Screw Compressor Tubing Clamps

Swivel-type tubing clamps are made of zinc-plated steel wire.

| Item No. | Description |
|----------|--|
| HSCOP1 | Screw Compressor Tubing Clamp, opens to 3/4" |
| HSCOP2 | Screw Compressor Tubing Clamp, opens to 1" |



Mohr's Pinchcock Tubing Clamps

Pinchcock tubing clamps are made of zinc-plated steel wire.



| Item No. | Description |
|----------|--|
| CLMP01 | Mohr's Pinchcock Clamp, for 10mm diameter tubing |
| CLMP02 | Mohr's Pinchcock Clamp, for 13mm diameter tubing |
| CLMP03 | Mohr's Pinchcock Clamp, for 16mm diameter tubing |

Hook Collar Clamps

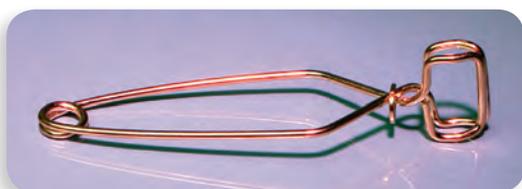
Plated steel collar clamps feature thumbscrews and hooks for suspending pulleys, balances, etc. from support rods or crossbars.

| Item No. | Description |
|----------|---|
| HKCL01 | Hook Collar Clamp, for 1/2" diameter rods |
| HKCL02 | Hook Collar Clamp, for 3/4" diameter rods |



Test Tube Clamps

Self-closing, available in brass wire or steel wire with brass finish.



| Item No. | Description |
|----------|---|
| TTCL01 | Test Tube Clamp, Brass Wire, With Finger Grips |
| TTCL02 | Test Tube Clamp, Brass Wire, Without Finger Grips |
| TTCL03 | Test Tube Clamp, Steel Wire, Brass Finish, With Finger Grips |
| TTCL04 | Test Tube Clamp, Steel Wire, Brass Finish, Without Finger Grips |

Plastic Clamps for Jointed Glassware

Plastic conical joint clips are size 24, designed to securely hold 24/40 joint size glassware together.

| Item No. | Description |
|--------------|---|
| CLJP24 | Plastic Clamp for Jointed Glassware |
| CLJP24-PK/10 | Plastic Clamp for Jointed Glassware, pack of 10 |



Condensers, Graham, 24/40 Joint

Graham condenser is designed for use in distillation applications. Constructed of borosilicate glass, this condenser has a coiled inner tube to provide additional surface area for highly efficient cooling. Socket is 24/40 with a screw thread connector.

| Item No. | Description |
|----------|---------------------------------------|
| CNG200 | Condenser, Graham, 200mm, 24/40 Joint |
| CNG300 | Condenser, Graham, 300mm, 24/40 Joint |
| CNG400 | Condenser, Graham, 400mm, 24/40 Joint |
| CNG500 | Condenser, Graham, 500mm, 24/40 Joint |



Condensers, Liebig, 24/40 Joint

Liebig condensers are used to cool and condense hot vapor as part of a distilling apparatus. This condenser has a straight inner tube that the condensing vapor passes through, and a larger outer jacket that cooling water passes through. Socket is 24/40 with a screw thread connector.

| Item No. | Description |
|----------|---------------------------------------|
| CNL200 | Condenser, Liebig, 200mm, 24/40 Joint |
| CNL300 | Condenser, Liebig, 300mm, 24/40 Joint |
| CNL400 | Condenser, Liebig, 400mm, 24/40 Joint |
| CNL500 | Condenser, Liebig, 500mm, 24/40 Joint |

Vigreux Distilling Columns, 24/40 Joint

A Vigreux column is a type of air condenser where the simple tube has been modified to include an abundance of downward-pointing indentations. This dramatically increases the surface area per unit length of the condenser. Socket is 24/40.

| Item No. | Description |
|----------|--|
| CDV200 | Condenser, Vigreux, 200mm, 24/40 Joint |
| CDV300 | Condenser, Vigreux, 300mm, 24/40 Joint |
| CDV400 | Condenser, Vigreux, 400mm, 24/40 Joint |
| CDV500 | Condenser, Vigreux, 500mm, 24/40 Joint |



ADTHW-24



ADB105-24

Adapters, 3-Way, 24/40 Joint

3-Way adapter has a 75° angle sidearm with inner joints on the sidearm and bottom and an outer joint on the top. Inclined adapter has a 105° angle sidearm with outer joints on the sidearm and top and an inner joint on the bottom. Both adapters have 24/40 joints.

| Item No. | Description |
|-----------|--------------------------------------|
| ADTHW-24 | Adapter, 3-Way, 24/40 Joint |
| ADB105-24 | Adapter, Inclined, 105°, 24/40 Joint |

Adapters, Vacuum, 24/40 Joint

Vacuum adapters have 24/40 joints. Bent adapter has a 105° angle between the top outer joint and bottom inner joint. Straight adapter has a top outer joint and bottom inner joint. Both adapters have 24/40 joints and include a 3/8" hose connector.

| Item No. | Description |
|-----------|---------------------------------------|
| ADV160-24 | Vacuum Adapter, Bent, 24/40 Joint |
| ADV01-24 | Vacuum Adapter, Straight, 24/40 Joint |



ADV160-24



ADV01-24

Mixing Bowls, Stainless Steel

NEW



Mixing bowls are constructed from 304 stainless steel for increased heat resistance. Bowls feature rounded corners, and polished mirror surface for easy mixing and cleaning. Can withstand temperatures up to 800°C (1472°F). Meets NSF standards.

| Item No. | Capacity (Qt) | Diameter (in) | Height (in) |
|----------|---------------|---------------|-------------|
| BMX075 | 0.75 | 6 1/4 | 2 3/8 |
| BMX150 | 1.5 | 7 3/4 | 3 |
| BMX300 | 3 | 9 3/8 | 4 |
| BMX400 | 4 | 10 3/8 | 4 1/4 |
| BMX500 | 5 | 11 3/4 | 4 1/2 |
| BMX800 | 8 | 13 1/4 | 5 3/8 |
| BMX1300 | 13 | 16 | 6 |
| BMX2000 | 20 | 19 | 6 |
| BMX3000 | 30 | 21 5/8 | 7 7/8 |

Economical Bowls, Stainless Steel

Economical bowls are constructed from 204Cu stainless steel for corrosion resistance at a lower cost. Bowls feature a polished mirror surface for easy mixing and cleaning. Can withstand temperatures up to 760°C (1400°F). Meets NSF standards.

| Item No. | Capacity (QT) | Diameter (in) | Height (in) |
|----------|---------------|---------------|-------------|
| BWE075 | 0.75 | 6 1/2 | 2 |
| BWE150 | 1.5 | 7 3/4 | 2 3/4 |
| BWE300 | 3 | 9 | 4 1/4 |
| BWE400 | 4 | 10 1/8 | 3 1/2 |
| BWE500 | 5 | 11 3/4 | 4 |
| BWE800 | 8 | 13 1/2 | 4 1/2 |
| BWE1300 | 13 | 16 | 5 1/2 |
| BWE1600 | 16 | 17 1/2 | 5 3/4 |
| BWE2000 | 20 | 19 | 6 |

NEW



Utility Tanks with Lid (Stock Pot), Stainless Steel

NEW



Utility tanks (stock pots) are constructed from unsealed, medium gauge 304 stainless steel. Exceptional for use with gas, electric, or even induction style stoves. Tank features heat-resistant handles, and encapsulated-aluminum bottom with three layers for even heat distribution and less energy consumption. Cover is included.

| Item No. | Capacity (L) | Diameter (cm) | Height (cm) |
|----------|--------------|---------------|-------------|
| STKPT06 | 6 | 20 | 19 |
| STKPT11 | 11 | 24 | 24 |
| STKPT17 | 17 | 28 | 28 |
| STKPT26 | 26 | 32 | 32 |
| STKPT37 | 37 | 36 | 36 |
| STKPT50 | 50 | 40 | 40 |
| STKPT71 | 71 | 45 | 45 |
| STKPT98 | 98 | 50 | 50 |
| STKPT169 | 169 | 60 | 60 |

Water Bath, Stainless Steel

Solid stainless steel water bath measures 8" in diameter x 2.75" deep. Features seven concentric rings, steam escape outlet, flat bottom, and handles. Ideal for a variety of heating applications in the laboratory.

| Item No. | Description |
|----------|-----------------------------|
| WTBH08 | Water Bath, Stainless Steel |



Crucibles, Stainless Steel

Unibody construction from Type 304 stainless steel. Can withstand temperatures from -180° to 800°C. Covers included.

| Item No. | Capacity (ml) | Height (mm) | Top Outside Diameter (mm) | Quantity per pack |
|----------|---------------|-------------|---------------------------|-------------------|
| SSR015 | 15 | 34 | 32 | 1 |
| SSR020 | 20 | 34 | 33 | 1 |
| SSR025 | 25 | 34 | 36 | 1 |
| SSR030 | 30 | 38 | 39 | 1 |
| SSR050 | 50 | 48 | 46 | 1 |
| SSR100 | 100 | 55 | 57 | 1 |



Crucibles, Nickel

Unibody construction from sheet nickel, polished inside and out. Can withstand temperatures up to 600°C. Covers included.



| Item No. | Capacity (ml) | Height (mm) | Top Outside Diameter (mm) | Quantity per pack |
|----------|---------------|-------------|---------------------------|-------------------|
| NCR015 | 15 | 29 | 32 | 1 |
| NCR025 | 25 | 39 | 36 | 1 |
| NCR050 | 50 | 47 | 45 | 1 |
| NCR100 | 100 | 56 | 57 | 1 |

Crucibles, Glass

Clear quartz glass crucibles are useful for analytical applications that require ashing of samples. Quartz material offers low expansion, dimensional stability, and thermal shock resistance. Can withstand a continuous operating temperature of 1050°C (1922°F). Lids are also manufactured from quartz and sold separately.

| Item No. | Capacity (ml) | Height (mm) | Top Outside Diameter (mm) | Lid Item No. | Quantity per pack |
|----------|---------------|-------------|---------------------------|--------------|-------------------|
| CGQ015 | 15 | 25 | 41 | CGQ015-L | 1 |
| CGQ025 | 25 | 28 | 47 | CGQ025-L | 1 |
| CGQ050 | 50 | 37 | 57 | CGQ050-L | 1 |
| CGQ080 | 80 | 45 | 67 | CGQ080-L | 1 |
| CGQ100 | 100 | 48 | 70 | CGQ100-L | 1 |
| CGQ150 | 150 | 51 | 82 | CGQ150-L | 1 |



Glass crucibles can be produced in custom sizes. Please call for details.

Crucibles, Tall Form, Glass

NEW



Tall form clear quartz glass crucibles are ideal for analytical applications that require ashing of samples. Quartz material offers low expansion, dimensional stability, and thermal shock resistance. Can withstand a continuous operating temperature of 1050°C (1922°F). Lids are also manufactured from quartz and sold separately.

| Item No. | Capacity (ml) | Height (mm) | Top Outside Diameter (mm) | Lid Item No. | Quantity per pack |
|----------|---------------|-------------|---------------------------|--------------|-------------------|
| CQP015 | 15 | 35 | 40 | CQP015-L | 1 |
| CQP025 | 25 | 45 | 45 | CQP025-L | 1 |
| CQP050 | 50 | 55 | 50 | CQP050-L | 1 |

Crucibles, Wide Form with Cover, Porcelain



Wide form crucibles include covers. Crucibles are glazed on inner and outer surfaces except for the outside bottom and rim.

Autoclavable. Withstand temperatures to 1150°C. To prevent thermal stress cracks, we strongly recommend a heating/cooling rate not exceeding 200°C per hour. United porcelain crucibles offer excellent resistance to acids and alkalis except for hydrofluoric acid.

| Item No. | Capacity (ml) | Height (mm) | Top Outside Diameter (mm) | Quantity per pack |
|----------|---------------|-------------|---------------------------|-------------------|
| JCL010 | 10 | 20 | 32 | 6 |
| JCL020 | 20 | 26 | 41 | 6 |
| JCL030 | 30 | 31 | 50 | 6 |
| JCL050 | 50 | 37 | 61 | 6 |
| JCL100 | 100 | 46 | 76 | 6 |
| JCL150 | 150 | 52 | 84 | 6 |
| JCL250 | 250 | 60 | 102 | 6 |

Crucibles, Tall Form with Cover, Porcelain

Tall form crucibles include covers. Crucibles are glazed on inner and outer surfaces except for the outside bottom and rim.

Autoclavable. Withstand temperatures to 1150°C. To prevent thermal stress cracks, we strongly recommend a heating/cooling rate not exceeding 200°C per hour. United porcelain crucibles offer excellent resistance to acids and alkalis except for hydrofluoric acid.

| Item No. | Capacity (ml) | Height (mm) | Top Outside Diameter (mm) | Quantity per pack |
|----------|---------------|-------------|---------------------------|-------------------|
| JCT013 | 1.3 | 15 | 15 | 6 |
| JCT005 | 5 | 20 | 24 | 6 |
| JCT010 | 10 | 26 | 31 | 6 |
| JCT015 | 15 | 29 | 35 | 6 |
| JCT025 | 25 | 32 | 40 | 6 |
| JCT030 | 30 | 37 | 43 | 6 |
| JCT040 | 40 | 40 | 50 | 6 |
| JCT050 | 50 | 43 | 53 | 6 |
| JCT100 | 100 | 54 | 65 | 6 |
| JCT250 | 250 | 72 | 88 | 6 |



Crucibles, Gooch Filter with Cover, Porcelain



Gooch crucibles have a perforated bottom and include covers. Crucibles are glazed on inner and outer surfaces except for the outside bottom and rim. Used for determination of total suspended solids.

Autoclavable. Withstand temperatures to 1150°C. To prevent thermal stress cracks, we strongly recommend a heating/cooling rate not exceeding 200°C per hour. United porcelain crucibles offer excellent resistance to acids and alkalis except for hydrofluoric acid.

| Item No. | Capacity (ml) | For Filter Paper Dia. (mm) | Height x Top O.D. (mm) | Quantity per pack |
|----------|---------------|----------------------------|------------------------|-------------------|
| JGC015 | 15 | 15 - 16 | 32 x 29 | 6 |
| JGC030 | 30 | 20 - 21 | 45 x 36 | 6 |
| JGC050 | 50 | 23 - 24 | 49 x 40 | 6 |
| JGC140 | 140 | 30 | 83 x 55 | 1 |

Crucible Tongs

Tongs have an overall length of 9" and include riveted joints and serrated tips.

| Item No. | Description |
|----------|---------------------------------|
| CTSP09 | Crucible Tongs, Plated Steel |
| CTOS09 | Crucible Tongs, Oxidized Steel |
| CTBR09 | Crucible Tongs, Brass |
| CTSS09 | Crucible Tongs, Stainless Steel |



Crucibles, Porous Bottom, Porcelain

Crucibles with porous bottom have a molded-in porous disc with stable porosity and consistent flow rate. Available with very fine (1.2 µm), fine (5 µm), and medium (15 µm) pore diameters. Glazed inside and out, except for outside bottom and rim. Autoclavable.

| Item No. | Capacity (ml) | Pour Diameter (micron / µm) | Top O.D. x Bottom O.D. (mm) | Qty per pack |
|----------|---------------|-----------------------------|-----------------------------|--------------|
| JCP25012 | 25 | 1.2 | 36 X 24 | 8 |
| JCP25050 | 25 | 5.0 | 36 X 24 | 8 |
| JCP25150 | 25 | 15.0 | 36 X 24 | 8 |



NEW



Crucibles include a molded-in porous disc with stable porosity and consistent flow rate.

Properties of High Alumina Products

United's high alumina wares are made of 99.7% pure aluminum oxide. Highly resistant to chemical attack, this alumina-ceramic ware is especially useful to chemists, metallurgists and others involved in high temperature work demanding contamination-free results.

High alumina ware is highly refractory, meant for use in reducing and oxidizing atmospheres. It is inert in hydrogen and carbonaceous

atmospheres and offers high resistance to alkalis and other fluxes. Suitable for glass melting, including borosilicate glass.

Recommended for use with refractory metals such as Molybdenum, Platinum, Rhodium, Tungsten, Tantalum and Iridium. High alumina labware temperature change rate should not exceed 150°C/hour.

Crucibles, Tall Form, High Alumina



Tall form, unglazed, 99.7% alumina crucible. Maximum use temperature is 1750°C.

| Item No. | Capacity (ml) | Height (mm) | Top Outside Diameter (mm) | Quantity per pack |
|----------|---------------|-------------|---------------------------|-------------------|
| JAH010 | 10 | 33 | 30 | 1 |
| JAH020 | 20 | 36 | 39 | 1 |
| JAH050 | 50 | 47 | 52 | 1 |
| JAH100 | 100 | 62 | 65 | 1 |

Crucibles, Cylindrical Form, High Alumina

Cylindrical form, unglazed, 99.7% alumina crucible. Maximum use temperature is 1750°C.

| Item No. | Capacity (ml) | Height (mm) | Top Outside Diameter (mm) | Quantity per pack |
|----------|---------------|-------------|---------------------------|-------------------|
| JAY010 | 10 | 29 | 28 | 1 |
| JAY020 | 20 | 40 | 32 | 1 |
| JAY030 | 30 | 45 | 35 | 1 |
| JAY050 | 50 | 56 | 41 | 1 |



Crucibles, Conical Form, High Alumina



Conical form, unglazed, 99.7% alumina crucible. Maximum use temperature is 1750°C.

| Item No. | Capacity (ml) | Height (mm) | Top Outside Diameter (mm) | Quantity per pack |
|----------|---------------|-------------|---------------------------|-------------------|
| JAC020 | 20 | 42 | 33 | 1 |
| JAC030 | 30 | 43 | 48 | 1 |
| JAC050 | 50 | 53 | 46 | 1 |
| JAC100 | 100 | 86 | 64 | 1 |

Cryo Vials, External Threaded, Sterile, PP



Cryo vials are designed for storage of samples as low as -196°C^* . DNase, RNase, and Pyrogen-free. Radiation sterilized. Polypropylene vials feature a large white frosted labeling area, silk screen graduations, and a leak-proof HDPE cap. Skirted base vials have an internal flat bottom. Star base and round base vials have an internal U-shaped bottom. Self-standing star base vials are designed for one-handed use with a support rack.

*Not recommended for use in the liquid phase of liquid nitrogen. Can be used in vapor phase of liquid nitrogen.

| Item No. | Description | Outer Diameter (mm) | Height (mm) | Quantity per pack |
|----------|-------------------------------|---------------------|-------------|-------------------|
| P60102 | Cryo Vial, 1.8ml Skirted Base | 11.8 | 47.2 | 1000 |
| P60116 | Cryo Vial, 1.8ml Star Base | 12 | 48.5 | 1000 |
| P60117 | Cryo Vial, 1.8ml Round Base | 12 | 47.5 | 1000 |
| P60103 | Cryo Vial, 4.5ml Skirted Base | 11.8 | 88 | 500 |
| P60118 | Cryo Vial, 4.5ml Star Base | 12 | 91.5 | 500 |
| P60119 | Cryo Vial, 4.5ml Round Base | 12 | 90.5 | 500 |

Cryo Vials, Internal Threaded, Sterile, PP

Cryo vials are designed for storage of samples as low as -196°C^* . DNase, RNase, and Pyrogen-free. Radiation sterilized. Polypropylene vials include a cap embedded with a non-toxic silicone O-ring for a secure seal, a large white frosted labeling area, and silk screen graduations. Star base and round base vials have an internal U-shaped bottom. Self-standing star base vials are designed for one-handed use with a support rack.

*Not recommended for use in the liquid phase of liquid nitrogen. Can be used in vapor phase of liquid nitrogen.

| Item No. | Description | Outer Diameter (mm) | Height (mm) | Quantity per pack |
|----------|-----------------------------|---------------------|-------------|-------------------|
| P60109 | Cryo Vial, 1.8ml Star Base | 12.3 | 47.5 | 500 |
| P60110 | Cryo Vial, 1.8ml Round Base | 12.3 | 46.2 | 500 |
| P60112 | Cryo Vial, 4.5ml Star Base | 12.3 | 90.3 | 250 |
| P60113 | Cryo Vial, 4.5ml Round Base | 12.3 | 89.0 | 250 |



Cryo Coders for Star and Round Base Vials, HDPE



Designed to fit onto the top of our star and round base cryogenic vial closures. Provide quick visual identification of specific vials for ease in organizing inventory. Available in a range of colors. Compatible with all of our cryo vials except P60102 and P60103 skirted base cryo vials.

| Item No. | Color | Quantity per pack |
|----------|--------|-------------------|
| P60114W | White | 100 |
| P60114B | Blue | 100 |
| P60114R | Red | 100 |
| P60114Y | Yellow | 100 |
| P60114G | Green | 100 |

Cryo Coders for Skirted Base Vials, HDPE

Designed to fit onto the top of our skirted base externally threaded cryogenic vial closures. Provide quick visual identification of specific vials for ease in organizing inventory. Available in a range of colors. Compatible with P60102 and P60103 skirted base cryo vials.

| Item No. | Color | Quantity per pack |
|----------|--------|-------------------|
| P60104W | White | 100 |
| P60104B | Blue | 100 |
| P60104R | Red | 100 |
| P60104Y | Yellow | 100 |
| P60104G | Green | 100 |



RIA Vials and Cap

RIA vials are generally used in radioimmunoassay - a scientific method used to test antigens without the need to use a bioassay.

The polypropylene vials are translucent and can withstand 3000 RCF during centrifugation. Can be used with common acids, alkalis, and solvents at room temperature. Autoclavable.

The polystyrene vials are transparent and can withstand 1400 RCF during centrifugation. Can be used with mild bases and weak acids, but not organic solvents. Non-autoclavable.

Caps are sold separately and are compatible with both versions of vials.

| Item No. | O.D. (mm) | Height (mm) | Material | Quantity per pack |
|---------------------|-----------|-------------|---------------|-------------------|
| P10301 | 12 | 75 | Polypropylene | 500 |
| P10303 | 12 | 75 | Polystyrene | 500 |
| RIA Vial Cap | | | | |
| P10304 | 12 | | HDPE | 500 |



Storage Vials, PP

Storage vials are designed for use with samples from -80° to 121°C. DNase, RNase, and Pyrogen free. Used for storage of PCR reagents, enzymes and other diagnostics, biochemical reagents or samples.

Polypropylene vials feature a large white frosted labeling area, silk screen graduations, and a leak-proof HDPE cap.

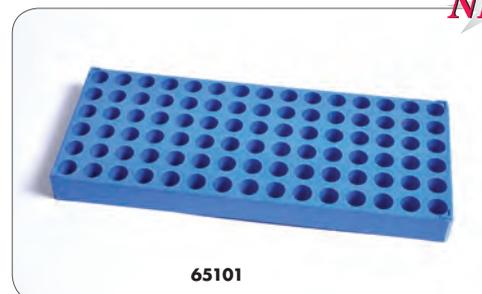
| Item No. | Capacity (ml) | Outside Diameter (mm) | Height (mm) | Quantity per pack |
|----------|---------------|-----------------------|-------------|-------------------|
| P60106 | 2.0 | 11.80 | 47.2 | 1000 |
| P60107 | 5.0 | 11.80 | 88 | 1000 |

Vial Racks, PP

Sturdy, economical, and convenient racks for samples stored in vials. Autoclavable at 120°C for 20 minutes. Can be stacked when not filled, for easy storage. Each well features a drainage hole at the bottom.

| Item No. | Well Dia. | Places (array) | L x W x H (mm) | Vial Capacity | Quantity per pack |
|----------|-----------|----------------|----------------|---------------|-------------------|
| 65101 | 17mm | 90 (15 x 6) | 354 x 145 x 30 | 8ml | 5 |
| 65102 | 29mm | 50 (10 x 5) | 203 x 102 x 24 | 20ml | 5 |

NEW



NEW

Cryo Cube Boxes, PP



66501 has a 9 x 9 array to hold 81 1.5 to 2.0ml microtubes or 1.0 to 2.0ml cryogenic vials. Each pack includes two yellow and two blue Cryo Boxes.

Manufactured of polypropylene, these autoclavable boxes are stackable for sample storage in 1.5 to 2.0ml microtubes and 1.0 to 2.0ml cryogenic vials. Boxes can be used at temperatures from -90°C to 121°C.

Boxes feature a hinged lid connected to the base and a locking system to ensure secure closure. A molded alpha-numeric grid allows for easy identification of samples.

Dimensions of cryo boxes are designed to be compatible with vertical, horizontal, and drawer style freezer racks.

Each pack includes two yellow boxes and two blue boxes.

| Item No. | Description | Places | L x W x H (mm) | Qty per pack |
|----------|-------------------|---------------------|----------------|--------------|
| 66501 | Cryo Cube Box, PP | 81 (9 x 9 array) | 128 x 128 x 54 | 4 |
| 66502 | Cryo Cube Box, PP | 100 (10 x 10 array) | 139 x 139 x 54 | 4 |



66502 has a 10 x 10 array to hold 100 1.5 to 2.0ml microtubes or 1.0 to 2.0ml cryogenic vials. Each pack includes two yellow and two blue Cryo Boxes.



Cryo Cube Box includes a locking system to ensure secure closure.

Cryo Storage Box, PP

Cryo storage boxes are designed for storage of samples as low as -90°C. Hold both internal and external threaded cryogenic vials as well as storage vials. Autoclavable.

These stackable boxes provide a small, space-efficient storage system within a freezer. Include a transparent hinged lid with a secure locking closure and a numbered and lettered grid for easy identification of contents. Designed to hold up to 100 vials in a 10 x 10 array.

| Item No. | Fits vial sizes (ml) | Places | L x W x H (mm) | Quantity per pack |
|----------|---|--------|----------------|-------------------|
| P20607 | 1.5, 2.0 Microtubes, 1.0, 1.8 Cryo vials | 100 | 140 x 140 x 55 | 4 |



Cryo/Freezer Boxes, PC

Manufactured of strong polycarbonate, these boxes are ideal for compact storage of 2.0 or 5.0ml cryogenic vials. Boxes can be used at temperatures from -196°C to 121°C and are autoclavable.

Transparent lids have a numbered grid for sample identification. Frosted surface area is suitable for writing with markers.

Dimensions of cryo boxes are designed to be compatible with vertical, horizontal, and drawer style freezer racks.

66301 includes two red boxes, one blue box, and one yellow box.

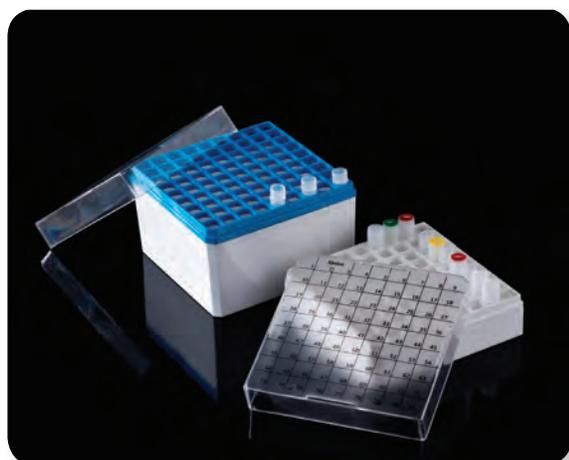
66302 includes two red boxes and two blue boxes. 66303 includes an assortment of red, yellow, and blue colored boxes.

NEW



| Item No. | Description | Places | L x W x H (mm) | Qty per pack |
|----------|-------------------------|---------------------|----------------|--------------|
| 66301 | Cryo Rack for 2ml vials | 81 (9 x9 array) | 133 x 132 x 54 | 4 |
| 66302 | Cryo Rack for 5ml vials | 81 (9 x9 array) | 133 x 132 x 97 | 4 |
| 66303 | Cryo Rack for 2ml vials | 100 (10 x 10 array) | 148 x 147 x 54 | 4 |

Cryo Storage Box, PC



Cryo storage boxes are designed for storage of samples as low as -196°C*. Hold both internal and external threaded cryogenic vials. Autoclavable.

These boxes provide a small, space-efficient storage system within a freezer. The transparent lid features a numbered grid for easy identification of contents. Designed to hold up to 81 vials in a 9 x 9 array.

*Not recommended for use in the liquid phase of liquid nitrogen. Can be used in vapor phase of liquid nitrogen.

| Item No. | Fits vial sizes (ml) | Places | L x W x H (mm) | Quantity per pack |
|----------|----------------------|--------|----------------|-------------------|
| P20602 | 1 and 1.8 | 81 | 133 x 132 x 54 | 4 |
| P20603 | 4.5 | 81 | 133 x 132 x 97 | 4 |

Cryo Rack, PC

This durable and autoclavable Cryo rack can hold 50 vials. Unique design at the bottom of each well lets vials be unscrewed without removing them from the rack. The rack features an alpha-numeric index, and anti-skid rubber feet.

| Item No. | Description |
|----------|--------------------------|
| 66201 | Cryo Rack, Polycarbonate |

NEW



Cryo Rack includes anti-skid rubber feet.

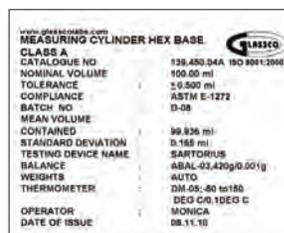
Graduated Cylinders, Glass, Class A, Batch Certified



Cylinders comply with ASTM E1272, Class A standards, batch certified.

Double metric scale, calibrated to contain. Borosilicate glass cylinders with pour spouts feature heavy uniform wall tubing and strong, stable, hexagonal bases. All cylinders come with bumper guards.

| Item No. | Capacity (ml) | Graduation | | Quantity per pack |
|-------------|---------------|---------------|------------------|-------------------|
| | | Interval (ml) | Tolerance (± ml) | |
| CY3021-10 | 10 | 0.2 | 0.10 | 1 |
| CY3021-25 | 25 | 0.5 | 0.17 | 1 |
| CY3021-50 | 50 | 1.0 | 0.25 | 1 |
| CY3021-100 | 100 | 1.0 | 0.50 | 1 |
| CY3021-250 | 250 | 2.0 | 1.0 | 1 |
| CY3021-500 | 500 | 5.0 | 2.0 | 1 |
| CY3021-1000 | 1000 | 10.0 | 3.0 | 1 |
| CY3021-2000 | 2000 | 20.0 | 6.0 | 1 |



Each cylinder includes a batch calibration certificate.

Cylinders on this page are calibrated to contain. We also offer Class A cylinders that are calibrated to deliver. Please call for details.

Graduated Cylinders, Glass, Class A, Individually Certified



Cylinders comply with ASTM E1272, Class A, meets USP standards, individually serialized and certified.

Double metric scale, calibrated to contain. Borosilicate glass cylinders with pour spouts feature heavy uniform wall tubing and strong, stable, hexagonal bases. All cylinders come with bumper guards.

| Item No. | Capacity (ml) | Graduation | | Quantity per pack |
|-------------|---------------|---------------|------------------|-------------------|
| | | Interval (ml) | Tolerance (± ml) | |
| CY3020-10 | 10 | 0.2 | 0.10 | 1 |
| CY3020-25 | 25 | 0.5 | 0.17 | 1 |
| CY3020-50 | 50 | 1.0 | 0.25 | 1 |
| CY3020-100 | 100 | 1.0 | 0.50 | 1 |
| CY3020-250 | 250 | 2.0 | 1.0 | 1 |
| CY3020-500 | 500 | 5.0 | 2.0 | 1 |
| CY3020-1000 | 1000 | 10.0 | 3.0 | 1 |
| CY3020-2000 | 2000 | 20.0 | 6.0 | 1 |

Each cylinder includes an individually serialized certificate.

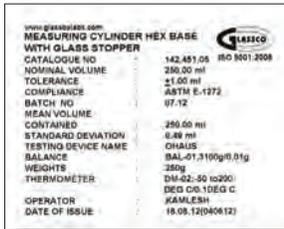


Graduated Cylinders, Glass, Class A, Batch Certified, with Stopper

Cylinders comply with ASTM E1272, Class A standards, batch certified. Each cylinder includes a hollow glass stopper.

Double metric scale, calibrated to contain. Borosilicate glass cylinders feature heavy uniform wall tubing and strong, stable, hexagonal bases. All cylinders come with bumper guards.

| Item No. | Capacity (ml) | Graduation Interval (ml) | Tolerance (\pm ml) | Quantity per pack |
|-------------|---------------|--------------------------|-----------------------|-------------------|
| CY2981-10 | 10 | 0.2 | 0.10 | 1 |
| CY2981-25 | 25 | 0.5 | 0.17 | 1 |
| CY2981-50 | 50 | 1.0 | 0.25 | 1 |
| CY2981-100 | 100 | 1.0 | 0.50 | 1 |
| CY2981-250 | 250 | 2.0 | 1.0 | 1 |
| CY2981-500 | 500 | 5.0 | 2.0 | 1 |
| CY2981-1000 | 1000 | 10.0 | 3.0 | 1 |
| CY2981-2000 | 2000 | 20.0 | 6.0 | 1 |



Each cylinder includes a batch calibration certificate.

Cylinders on this page are calibrated to contain. We also offer Class A cylinders that are calibrated to deliver. Please call for details.



Graduated Cylinders, Glass, Class A, Individually Certified, with Stopper

Cylinders comply with ASTM E1272, Class A, meets USP standards, individually serialized and certified. Each cylinder includes a hollow glass stopper.

Double metric scale, calibrated to contain. Borosilicate glass cylinders feature heavy uniform wall tubing and strong, stable, hexagonal bases. All cylinders come with bumper guards.

| Item No. | Capacity (ml) | Graduation Interval (ml) | Tolerance (\pm ml) | Quantity per pack |
|-------------|---------------|--------------------------|-----------------------|-------------------|
| CY2980-10 | 10 | 0.2 | 0.10 | 1 |
| CY2980-25 | 25 | 0.5 | 0.17 | 1 |
| CY2980-50 | 50 | 1.0 | 0.25 | 1 |
| CY2980-100 | 100 | 1.0 | 0.50 | 1 |
| CY2980-250 | 250 | 2.0 | 1.0 | 1 |
| CY2980-500 | 500 | 5.0 | 2.0 | 1 |
| CY2980-1000 | 1000 | 10.0 | 3.0 | 1 |
| CY2980-2000 | 2000 | 20.0 | 6.0 | 1 |



Each cylinder includes an individually serialized certificate.



Graduated Cylinders, Class B, Borosilicate Glass



Cylinders comply with ASTM E1272, Class B standards.

Double metric scale, calibrated to contain. Borosilicate glass cylinders with pour spouts feature heavy uniform wall tubing and attached glass hexagonal bases. All cylinders come with bumper guards.

| Item No. | Capacity (ml) | Graduation Interval (ml) | Tolerance (\pm ml) | Quantity per pack |
|-------------|---------------|--------------------------|-----------------------|-------------------|
| CY3022-10 | 10 | 0.2 | 0.2 | 24 |
| CY3022-25 | 25 | 0.5 | 0.34 | 18 |
| CY3022-50 | 50 | 1 | 0.5 | 18 |
| CY3022-100 | 100 | 1 | 1.0 | 12 |
| CY3022-250 | 250 | 2 | 2.0 | 12 |
| CY3022-500 | 500 | 5 | 4.0 | 8 |
| CY3022-1000 | 1000 | 10 | 6.0 | 1 |
| CY3022-2000 | 2000 | 20 | 12.0 | 1 |

Graduated Cylinders, Plastic Base, Borosilicate Glass

Double metric scale, calibrated to contain. Borosilicate glass cylinders with pour spouts feature heavy uniform wall tubing and plastic hexagonal bases. All cylinders come with bumper guards.

| Item No. | Capacity (ml) | Graduation Interval (ml) | Tolerance (\pm ml) | Quantity per pack |
|-----------|---------------|--------------------------|-----------------------|-------------------|
| CY137-10 | 10 | 0.2 | 0.2 | 10 |
| CY137-25 | 25 | 0.5 | 0.34 | 10 |
| CY137-50 | 50 | 1 | 0.5 | 10 |
| CY137-100 | 100 | 1 | 1.0 | 10 |
| CY137-250 | 250 | 2 | 2.0 | 10 |



Nessler Cylinders, Class A, Individually Certified, Borosilicate Glass



Nessler cylinders are used for comparison of color and turbidity between solutions or as reaction vessels. Made from borosilicate glass and calibrated to Class A standards. Include an optically plane bottom as well as markings for nominal stroke volume and halfway mark.

| Item No. | Capacity (ml) | Volume Markings (ml) | Tolerance (\pm ml) | Quantity per pack |
|----------|---------------|----------------------|-----------------------|-------------------|
| CGN050 | 50 | 25 and 50 | 0.4 | 10 |
| CGN100 | 100 | 50 and 100 | 0.8 | 10 |

Hydrometer Cylinders, Borosilicate Glass

Made from heavy borosilicate glass, these cylinders have a beaded top with a pouring spout and a round base for stability.

| Item No. | Capacity (ml) | O.D. x Height (mm) | Quantity per pack |
|----------|---------------|--------------------|-------------------|
| HYC500 | 500 | 53 x 323 | 1 |
| HYC600 | 600 | 53 x 409 | 1 |
| HYC1000 | 1000 | 67 x 460 | 1 |
| HYC1200 | 1200 | 67 x 473 | 1 |



Hydrometer cylinder shown with hydrometer.



Hydrometers



HYML01



HYMH02

Hydrometers for determining the specific gravity of liquids. Two specific gravity ranges available. Each unit is housed in a reusable storage tube.

| Item No. | Description | Specific Gravity Range |
|----------|-------------------------|------------------------|
| HYML01 | Light Liquid Hydrometer | 0.700 - 1.000 |
| HYMH02 | Heavy Liquid Hydrometer | 1.000 - 2.000 |

Hydrometer Rack, 12-Tube, PP

Sturdy polypropylene rack will hold 12 hydrometers or test tubes up to 20mm in diameter. Easy to assemble, and chemical resistant.

| Item No. | Description |
|----------|--|
| TTHP03 | Test Tube/Hydrometer Rack, 12-Tube, PP |



Conical Measuring Cylinders, PP

NEW



Our polypropylene conical measuring cylinders are ideal for measuring small quantities of reagents. They are autoclavable and have excellent contact clarity. The hexagonal base provides excellent stability to the cylinder, and the tapered spout enables easy pouring of reagents. Features easy-to-read raised graduations.

| Item No. | Capacity (ml) | Graduation Interval (ml) | Height (mm) | Quantity per pack |
|----------|---------------|--------------------------|-------------|-------------------|
| 81150 | 12 | 1 | 65 | 12 |
| 81151 | 25 | 1 | 70 | 12 |
| 81152 | 50 | 2 | 91 | 12 |
| 81153 | 125 | 5 | 121 | 12 |
| 81154 | 200 | 5 | 149 | 12 |

Measuring Cylinders, Round Base, PP



Our polypropylene one-piece measuring cylinders have raised graduations for easy readability. They are autoclavable and have excellent contact clarity. The broad round base provides good stability. Stated tolerances are the same as graduated intervals below.

| Item No. | Capacity (ml) | O.D. (mm) | Height (mm) | Graduation Interval (ml) | Quantity per pack |
|----------|---------------|-----------|-------------|--------------------------|-------------------|
| CP0010 | 10 | 15 | 110 | 0.2 | 24 |
| CP0025 | 25 | 19 | 170 | 0.5 | 12 |
| CP0050 | 50 | 26 | 198 | 1 | 12 |
| CP0100 | 100 | 34 | 210 | 1 | 12 |
| CP0250 | 250 | 46 | 321 | 2 | 6 |
| CP0500 | 500 | 56 | 361 | 5 | 4 |
| CP1000 | 1000 | 72 | 375 | 10 | 3 |
| CP2000 | 2000 | 90 | 473 | 20 | 2 |

Measuring Cylinders, Hexagonal Base, PP

Our polypropylene one-piece measuring cylinders have raised graduations for easy readability. They are autoclavable and have excellent contact clarity. The hexagonal base provides excellent stability to the cylinder, and the tapered spout enables easy pouring of reagents. Stated tolerances are the same as graduated intervals below.

| Item No. | Capacity (ml) | O.D. (mm) | Height (mm) | Graduation Interval (ml) | Quantity per pack |
|----------|---------------|-----------|-------------|--------------------------|-------------------|
| 80031 | 10 | 15 | 110 | 0.2 | 24 |
| 80032 | 25 | 19 | 170 | 0.5 | 12 |
| 80033 | 50 | 26 | 198 | 1 | 12 |
| 80034 | 100 | 34 | 210 | 1 | 12 |
| 80035 | 250 | 46 | 321 | 2 | 6 |
| 80036 | 500 | 56 | 361 | 5 | 4 |
| 80037 | 1000 | 72 | 375 | 10 | 3 |



Measuring Cylinder Sets, PP



A convenient set of seven graduated polypropylene cylinders in sizes 10ml, 25ml, 50ml, 100ml, 250ml, 500ml, and 1000ml.

Also available as a set of four in sizes 10ml, 25ml, 50ml and 100ml.

| Item No. | Description |
|----------|---------------------------------------|
| CPSET7 | Plastic Graduated Cylinders, Set of 7 |
| CPSET4 | Plastic Graduated Cylinders, Set of 4 |

Measuring Cylinders, Class B, PMP

Polymethylpentene cylinders have glass-like clarity and feature easy-to-read molded in graduations. Hexagonally-shaped bases for extra stability. Large spouts for smooth flow of liquids during pouring. Autoclavable to 121°C.

Meets accuracy requirements of Class B under DIN 1261.

| Item No. | Capacity (ml) | Graduation Interval (ml) | Tolerance (\pm ml) | Height (mm) | Quantity per pack |
|----------|---------------|--------------------------|-----------------------|-------------|-------------------|
| P50401 | 10 | 0.2 | 0.2 | 138 | 12 |
| P50402 | 25 | 0.5 | 0.5 | 169 | 12 |
| P50403 | 50 | 1 | 1 | 198 | 12 |
| P50404 | 100 | 1 | 1 | 258 | 6 |
| P50405 | 250 | 2 | 2 | 314 | 6 |
| P50406 | 500 | 5 | 5 | 345 | 3 |
| P50407 | 1000 | 10 | 10 | 411 | 3 |
| P50408 | 2000 | 20 | 20 | 482 | 3 |



Measuring Cylinders, Class A, PMP

Polymethylpentene cylinders have glass-like clarity and feature easy-to-read molded in graduations. Hexagonally-shaped bases for extra stability. Large spouts for smooth flow of liquids during pouring. Autoclavable to 121°C.

Meets accuracy requirements of Class A under DIN 12681. Supplied with conformity test certificate that indicates batch number and year of production.



| Item No. | Capacity (ml) | Graduation Interval (ml) | Tolerance (\pm ml) | Height (mm) | Quantity per pack |
|----------|---------------|--------------------------|-----------------------|-------------|-------------------|
| P50501 | 10 | 0.2 | 0.1 | 138 | 1 |
| P50502 | 25 | 0.5 | 0.25 | 169 | 1 |
| P50503 | 50 | 1 | 0.5 | 198 | 1 |
| P50504 | 100 | 1 | 0.5 | 258 | 1 |
| P50505 | 250 | 2 | 1 | 314 | 1 |
| P50506 | 500 | 5 | 2.5 | 345 | 1 |
| P50507 | 1000 | 10 | 5 | 411 | 1 |
| P50508 | 2000 | 20 | 10 | 482 | 1 |

Desiccators

Desiccators, Vacuum, White Base, PP/PC



These autoclavable desiccators are made of polypropylene (PP) and polycarbonate (PC) and can hold a vacuum up to 740mm Hg for 24 hours without any greasing. Autoclavable at 121°C for 15 minutes.

The top dome, molded in rigid and transparent PC, gives a crystal-clear view of the sample. The knurled knob on the top provides easy handling of the dome.

The lower part is made of PP and includes a perforated PP desiccator plate. An internal groove on the flange holds the silicon rubber O-ring.

The PP stopcock accepts ¼" I.D. tubing and has a self-lubricating PTFE plug. Use the three-way plug to create a vacuum, release a vacuum, or for shut-off.

| Item No. | Size | Flange OD/ID (mm) | Plate OD (mm) | Height (mm) | Maximum Clearance* (mm) | Qty per pack |
|----------|-------------|-------------------|---------------|-------------|-------------------------|--------------|
| 55204 | 6" / 150mm | 171/150 | 138 | 204 | 123 | 1 |
| 55205 | 8" / 200mm | 232/199 | 190 | 257 | 166 | 1 |
| 55206 | 10" / 250mm | 276/240 | 238 | 315 | 207 | 1 |
| 55207 | 12" / 300mm | 340/300 | 295 | 405 | 255 | 1 |

* Maximum clearance above plate.

Desiccators, Vacuum, Clear Base, PP/PC

These autoclavable desiccators are made of polypropylene (PP) and polycarbonate (PC) and can hold a vacuum up to 740mm Hg for 24 hours without any greasing. Autoclavable at 120°C for 15 minutes.

The top dome, molded in rigid and transparent PC, gives a crystal-clear view of the sample. The knurled knob on the top provides easy handling of the dome.

The transparent PC bottom provides increased viewing clarity. An internal groove on the flange holds the silicon rubber O-ring.

The PP stopcock has a self-lubricating PTFE plug. The three-way plug opens to create a vacuum, closes to hold a vacuum, and opens again to release a vacuum.

| Item No. | Size | Flange OD/ID (mm) | Plate OD (mm) | Height (mm) | Maximum Clearance* (mm) | Qty per pack |
|----------|-------------|-------------------|---------------|-------------|-------------------------|--------------|
| 55214 | 6" / 150mm | 171/150 | 138 | 204 | 123 | 1 |
| 55215 | 8" / 200mm | 232/199 | 190 | 257 | 166 | 1 |
| 55216 | 10" / 250mm | 276/240 | 238 | 315 | 207 | 1 |
| 55217 | 12" / 300mm | 340/300 | 295 | 405 | 255 | 1 |

* Maximum clearance above plate.



Hand Vacuum Pump



HVP001

NEW



TUBEFK

Good quality, economical hand operated air/vacuum pump is easy to operate. Each squeeze of the pump delivers approximately 15ml, and can be used to create vacuum of 15mm Hg, or air pressure of about 2 atm (standard atmosphere). Pump features a gauge along with a removable cap and elastic valve to provide quick vacuum release without dismantling the pump from the line. Recommended for general laboratory use for applications that do not require high or precise vacuums.

| Item No. | Description |
|----------|--------------------------------|
| HVP001 | Hand Vacuum Pump |
| TUBEFK | Tubing, Vacuum, 18 inch length |

Desiccators, Non-Vacuum, White Base, PP/PC

These autoclavable desiccators are made of polypropylene (PP) and polycarbonate (PC). Autoclavable at 120°C for 15 minutes.

The top dome, molded in rigid and transparent PC, gives a crystal-clear view of the sample. The knurled knob on the top provides easy handling of the dome.

The lower part is made of PP. An internal groove on the flange holds the silicon rubber O-ring. Vacuum grease should be applied on the flanges to make it air-tight.

| Item No. | Size | Flange OD/ID (mm) | Plate OD (mm) | Height (mm) | Maximum Clearance* (mm) | Qty per pack |
|----------|-------------|-------------------|---------------|-------------|-------------------------|--------------|
| 55201 | 6" / 150mm | 171/150 | 138 | 204 | 123 | 1 |
| 55202 | 8" / 200mm | 232/199 | 190 | 257 | 166 | 1 |
| 55203 | 10" / 250mm | 276/240 | 238 | 315 | 207 | 1 |
| 55208 | 12" / 300mm | 340/300 | 295 | 405 | 255 | 1 |

* Maximum clearance above plate.



Desiccators, Glass

NEW



These clear non-vacuum desiccators are manufactured from borosilicate glass and include a borosilicate glass lid with a molded-in knob. Clear glass provides excellent visibility and can be autoclaved. The rims of the desiccator and lid are ground glass and require greasing before use to create an air-tight seal.

Also includes a perforated porcelain desiccator plate that fits onto a ridge above the lower chamber. A standard drying agent such as silica or anhydrous calcium chloride can be positioned in the lower chamber.

| Item No. | Size | Flange OD/ID (mm) | Top Chamber Dia. / Height (mm) | Maximum Clearance* (mm) | Qty per pack |
|----------|-------------|-------------------|--------------------------------|-------------------------|--------------|
| DSGL150 | 6" / 150mm | 150/140 | 150/90 | 120 | 1 |
| DSGL210 | 8" / 200mm | 200/180 | 200/105 | 175 | 1 |
| DSGL300 | 12" / 300mm | 300 / 234 | 300 / 125 | 205 | 1 |

* Maximum clearance above plate.

Desiccator Plates with Small Holes, Porcelain



Plates include numerous 5mm diameter perforations. Also includes large hole in center. Glazed on one side.

| Item No. | Diameter (mm) | Diameter of Holes (mm) | Diameter of Center Hole (mm) | Quantity per pack |
|----------|---------------|------------------------|------------------------------|-------------------|
| JSD140 | 140 | 5 | 25 | 1 |
| JSD190 | 190 | 5 | 25 | 1 |
| JSD230 | 230 | 5 | 25 | 1 |

Desiccator Plates with Large Holes, Porcelain

Includes large hole in center and additional 6 to 10 holes depending on plate size. Glazed on one side.

| Item No. | Dia. (mm) | Number of Holes | Dia. of Holes (mm) | Dia. of Center Hole (mm) | Quantity per pack |
|----------|-----------|-----------------|--------------------|--------------------------|-------------------|
| JDP140 | 140 | 6 | 35 | 35 | 1 |
| JDP190 | 190 | 8 | 35 | 50 | 1 |
| JDP230 | 230 | 10 | 35 | 50 | 1 |



Desiccator Plates with Stand, Porcelain



Desiccators include three 16mm high feet. Glazed on top surface.

| Item No. | Diameter (mm) | Number of Holes | Diameter of Holes (mm) | Quantity per pack |
|----------|---------------|-----------------|------------------------|-------------------|
| JDS095 | 95 | 3 | 30 | 1 |
| JDS115 | 115 | 4 | 30 | 1 |
| JDS142 | 142 | 5 | 30 | 1 |
| JDS146 | 146 | 7 | 30 | 1 |
| JDS190 | 190 | 7 | 30 | 1 |
| JDS230 | 230 | 8 | 30 | 1 |

Evaporating Dishes, Round Form, Porcelain

Round form evaporating dishes include lip. Dishes from 35ml to 250ml capacity are glazed inside and outside. Dishes 385ml and larger are glazed inside and partially outside.

Autoclavable. Withstand temperatures to 1150°C. To prevent thermal stress cracks, we strongly recommend a heating/cooling rate not exceeding 200°C per hour. United porcelain evaporating dishes offer excellent resistance to acids and alkalis except for hydrofluoric acid.

| Item No. | Capacity (ml) | Top Outside Diameter (mm) | Quantity per pack |
|----------|---------------|---------------------------|-------------------|
| JED035 | 35 | 60 | 6 |
| JED070 | 70 | 75 | 6 |
| JED080 | 80 | 80 | 6 |
| JED120 | 120 | 94 | 6 |
| JED150 | 150 | 100 | 6 |
| JED250 | 250 | 115 | 6 |
| JED385 | 385 | 145 | 1 |
| JED525 | 525 | 162 | 1 |
| JED765 | 765 | 185 | 1 |
| JED1285 | 1285 | 215 | 1 |
| JED2100 | 2100 | 265 | 1 |
| JED3250 | 3250 | 305 | 1 |



Evaporating Dishes, Flat Form, Porcelain

Shallow form with lip and flat bottom. Glazed except for rim and part of outside bottom.

Autoclavable. Withstand temperatures to 1150°C. To prevent thermal stress cracks, we strongly recommend a heating/cooling rate not exceeding 200°C per hour. United porcelain evaporating dishes offer excellent resistance to acids and alkalies except for hydrofluoric acid.

| Item No. | Capacity (ml) | Top Outside Diameter (mm) | Quantity per pack |
|----------|---------------|---------------------------|-------------------|
| JEF035 | 35 | 65 | 6 |
| JEF050 | 50 | 75 | 6 |
| JEF080 | 80 | 85 | 6 |
| JEF100 | 100 | 100 | 6 |
| JEF200 | 200 | 120 | 6 |
| JEF300 | 300 | 150 | 6 |



Casseroles, Porcelain



With lip and flat porcelain handle. Glazed on inner and outer surfaces except for rim and top of handle.

Autoclavable. Withstand temperatures to 1150°C. To prevent thermal stress cracks, we strongly recommend a heating/cooling rate not exceeding 200°C per hour. United porcelain casseroles offer excellent resistance to acids and alkalies except for hydrofluoric acid.

| Item No. | Capacity (ml) | Height (mm) | Top Outside Diameter (mm) | Quantity per pack |
|----------|---------------|-------------|---------------------------|-------------------|
| JPC020 | 20 | 22 | 40 | 1 |
| JPC060 | 60 | 33 | 70 | 1 |
| JPC140 | 140 | 42 | 85 | 1 |
| JPC200 | 200 | 52 | 100 | 1 |
| JPC500 | 500 | 75 | 125 | 1 |
| JPC750 | 750 | 88 | 150 | 1 |
| JPC1200 | 1200 | 98 | 175 | 1 |

Combustion Boats, Porcelain

Glazed on inner and outer surfaces except for outside bottom surface.

| Item No. | Capacity (ml) | L x W x H (mm) | Quantity per pack |
|----------|---------------|----------------|-------------------|
| JCB017 | 0.1 | 17 x 6 x 4 | 1 |
| JCB060 | 2.0 | 60 x 10 x 8 | 1 |
| JCB097 | 7.0 | 97 x 16 x 10 | 1 |
| JCB100 | 12.0 | 100 x 20 x 13 | 1 |



Petri Dishes, Polystyrene (PS)



Disposable polystyrene petri dishes offer optical clarity and strength at economical prices. 65mm dish includes a molded-in grid on the lid for easy colony counting. Sterilized.

| Item No. | Dimensions (mm) | Quantity per pack | Quantity per case |
|---|--|-------------------|-------------------|
| K1006 | 65 diameter x 15 height | 10 | 650 |
| K1004-J | 90 diameter x 15 height | 10 | 500 |
| K1001 | 150 diameter x 15 height | 10 | 180 |
| Petri Dish with Two Compartments | | | |
| K1003 | 90 diameter x 15 height, two compartment | 10 | 500 |

Dishes

Petri Dishes, Borosilicate Glass



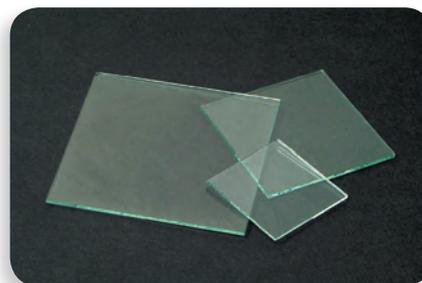
Made from high quality borosilicate glass, these autoclavable, flat, clear petri dishes can withstand repeated sterilization and can be used many times. Each dish includes a lid. Note: lids do not seal air-tight.

| Item No. | Description | Quantity per pack |
|----------|------------------------------------|-------------------|
| G1060 | Glass Petri Dish 60 x 65 x 15mm | 10 |
| G1075 | Glass Petri Dish, 75 x 82 x 15mm | 10 |
| G1100 | Glass Petri Dish, 100 x 107 x 20mm | 10 |

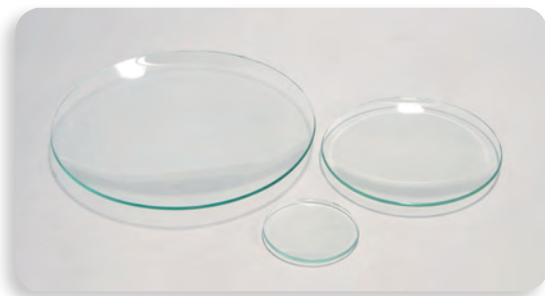
Glass Plates

Plates made of clear flint glass, 2mm thick, with ground polished edges. Useful for a variety of general laboratory applications including as a cover, mixing surface, etc.

| Item No. | Description | Quantity per pack |
|----------|-----------------------|-------------------|
| GLP2X2 | Glass Plate, 2" x 2" | 12 |
| GLP3X3 | Glass Plate, 3" x 3" | 12 |
| GLP4X4 | Glass Plate, 4" x 4" | 12 |
| GLP5X5 | Glass Plate, 5" x 5" | 12 |
| GLP6X6 | Glass Plate, 6" x 6" | 12 |
| GLP8X11 | Glass Plate, 8" x 11" | 1 |



Watch Glasses, Economy



Made from clear flint glass (1.8 to 2.0mm thick), fine ground and polished edges.

| Item No. | Diameter (mm) | Quantity per pack |
|----------|---------------|-------------------|
| WGL025 | 25 | 12 |
| WGL040 | 40 | 12 |
| WGL050 | 50 | 12 |
| WGL065 | 65 | 12 |
| WGL075 | 75 | 12 |
| WGL090 | 90 | 12 |
| WGL100 | 100 | 12 |
| WGL125 | 125 | 12 |
| WGL150 | 150 | 12 |
| WGL200 | 200 | 12 |
| WGL250 | 250 | 12 |
| WGL300 | 300 | 12 |

Watch Glasses

Made from soda lime glass (1.8 mm thick), fine ground and flame polished edges.

| Item No. | Diameter (mm) | Quantity per pack |
|------------|---------------|-------------------|
| WGB170-40 | 40 | 10 |
| WGB170-50 | 50 | 10 |
| WGB170-60 | 60 | 10 |
| WGB170-70 | 70 | 10 |
| WGB170-80 | 80 | 10 |
| WGB170-90 | 90 | 10 |
| WGB170-100 | 100 | 10 |
| WGB170-125 | 125 | 10 |
| WGB170-150 | 150 | 10 |
| WGB170-200 | 200 | 10 |





Dispensers, Bottle Top

Bottle Top Dispensers

United brand bottle top dispensers offer high accuracy at economical prices. Each dispenser is individually calibrated and certified in an ISO 17025 accredited laboratory in accordance with ISO 8655 standards.

Five adapters are included with each unit for use with a wide range of bottle sizes. All wetted parts are made from PTFE and borosilicate glass for maximum chemical resistance.

These easy-to-use instruments are suitable for all laboratory applications except HF. Special precautions must be taken for use, cleaning, and storage when working with concentrated fuming acids.

A factory calibration certificate is provided with each bottle top dispenser. Dispensers are easy to disassemble and can be recalibrated in the lab. Fully autoclavable at 121°C, 15 psi for 10 to 15 minutes.

| Item No. | Volume Range (ml) | Volume Increment (ml) | Accuracy (\pm % / ml) | CV (\pm % / ml) |
|----------|-------------------|-----------------------|--------------------------|--------------------|
| BTDR-1 | 0.25 - 2.5 | 0.05 | 0.6 / 0.015 | 0.2 / 0.005 |
| BTDR-2 | 0.5 - 5 | 0.1 | 0.5 / 0.025 | 0.1 / 0.005 |
| BTDR-3 | 1 - 10 | 0.2 | 0.5 / 0.050 | 0.1 / 0.010 |
| BTDR-4 | 2.5 - 30 | 0.5 | 0.5 / 0.150 | 0.1 / 0.030 |
| BTDR-5 | 5 - 60 | 1.0 | 0.5 / 0.300 | 0.1 / 0.060 |
| BTDR-6* | 10 - 100 | 2.0 | 0.6 / 0.600 | 0.2 / 0.200 |

*NEW SIZE

Bottle Top Dispensers can be custom packaged as a set with glass or plastic bottles. Please call for details.

United bottle top dispensers are manufactured using carefully selected raw materials and go through several stages of strict quality checks during the manufacturing process.



| Component | Description |
|------------------------------|--|
| Piston | PTFE |
| Cylinder | Glass |
| Volume Adjustment Knob | Valve Type |
| Valve Housing | PTFE |
| Valve Assembly | Glass Ball & Seat |
| Discharge Assembly | PTFE |
| Delivery Tube | FEP |
| Inlet Tube | FEP |
| Calibration | Individually calibrated and certified. In-lab easy calibration by the user is also possible. |
| Accuracy and Reproducibility | In accordance with ISO 8655 standards. |
| Compatibility | Excellent compatibility with all reagents except HF. |



Volume Adjustment Knob: Quick-set volume adjustment knob with large pointer enables precise, easy, and fast volume adjustment.



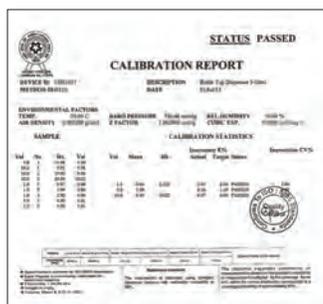
Adjustable Nozzle with Cap: Delivery nozzle adjusts for easy dispensing at different angles. Cap prevents any unwanted drops on the workspace and avoids contact with chemicals.



Springless Valve: Specially designed, springless, PTFE valve manifold provides excellent chemical compatibility and leak-proof valve functioning.



Glass Barrel Protection: Polypropylene sleeve protects glass barrel and prevents glass splitting in case of any accidental breakage.



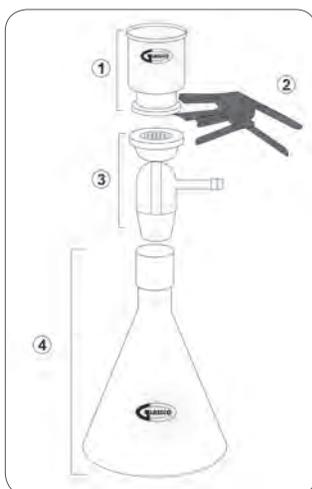
An Individual Calibration certificate is provided with each Bottle Top Dispenser.

NEW

All-Glass Vacuum Filter Holder Set, 47mm



FHAG47



Replacement Parts

- 1 - FHGF300 Glass Funnel, 300ml
- 2 - FHSC47 Spring Clamp, 47mm
- 3 - FHGBC47 Glass Base and Cap, 47mm
- 4 - FHFG1000 Flask, 1000ml, with Ground Glass Joints

This all-glass filter holder is used in particulate contamination analysis for filtering aqueous, organic, or corrosive liquids. It is also recommended for HPLC solvent filtration. Complete set includes a borosilicate glass funnel, anodized aluminum spring clamp, vacuum base with sintered disc, and ground joint flask. Membrane filters are not included. Parts are also available separately.

| Item No. | Description |
|----------|--|
| FHAG47 | Vacuum Filter Holder Set, 47mm |
| FHGF300 | Replacement Glass Funnel, 300ml |
| FHSC47 | Replacement Spring Clamp, 47mm |
| FHGB47 | Replacement Glass Base and Cap, 47mm |
| FHFG1000 | Replacement Flask with Ground Glass Joints, 1000ml |

Specifications

Materials:

Borosilicate glass funnel, base and tubulated cap; anodized aluminum spring clamp; fritted glass filter support

Filter Diameter:

47mm

Filtration Area:

9.6cm²

Capacity:

Funnel: 300ml
Flask: 1L

Outlet Fitting:

6mm (1/4") O.D. tubulated cap sidearm to vacuum

Vacuum Filter Holder Set with Fritted Glass Support Base, 47mm

Designed for bacteriological analysis of water using 47mm sterile membrane filters. Also applicable for analysis of suspended solids in water using 47mm depth filters. Complete set includes a borosilicate glass funnel and base, anodized aluminum spring clamp, and perforated silicone stopper. Parts are also available separately.

| Item No. | Description |
|----------|---|
| FHFT47 | Vacuum Filter Holder Set, 47mm |
| FHGF300 | Replacement Glass Funnel, 300ml |
| FHBG47 | Replacement Base for 47mm Glass Filter Holder |
| FHSC47 | Replacement Spring Clamp, 47mm |
| FHSTS8 | Replacement Silicone Stopper, Perforated, Size #8 |

Specifications

Materials:

Borosilicate glass funnel and base; coarse-frit glass filter support; anodized aluminum spring clamp; silicone stopper

Filter Diameter:

47mm

Filtration Area:

9.6cm²

Capacity:

Funnel: 300ml

Prefilter Diameter:

Thick Depth Prefilter: 35mm
Membrane Prefilter: 47mm

Outlet Fitting:

6mm (1/4") O.D. tubulated cap sidearm to vacuum

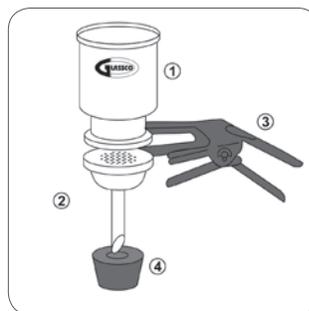
Dimensions:

Height: 22.9cm
Diameter: 7.6cm

Sterilization Method:

30 UV sterilize or autoclave without filter in place

NEW



Replacement Parts

- 1 - FHGF300 Glass Funnel, 300ml
- 2 - FHBG47 Base for 47mm Glass Filter Holder
- 3 - FHSC47 Spring Clamp, 47mm
- 4 - FHSTS8 Silicone Stopper, Perforated, Size #8



FHFT47



FHFL1000



FHFL4000

Optional Accessories

| Item No. | Description |
|----------|---|
| FHFL1000 | Vacuum Filtering Flask, 1000ml capacity |
| FHFL4000 | Vacuum Filtering Flask, 4000ml capacity |

Vacuum Filter Holder Set with PTFE Coated Funnel and Base, 47mm

Designed for bacteriological analysis where it is necessary to sterilize the filter holder with the membrane filter in place. The glass surface is coated with PTFE to avoid filter damage and membrane adhesion during autoclaving. Complete set includes a PTFE-faced borosilicate glass funnel and PTFE-faced base, anodized aluminum spring clamp, and perforated silicone stopper. Parts are also available separately.

| Item No. | Description |
|----------|---|
| FHPT47 | Vacuum Filter Holder Set with PTFE-Coated Funnel and Base, 47mm |
| FHFP300 | Replacement PTFE-Coated Glass Funnel, 300ml |
| FHBP47 | Replacement PTFE-Coated Glass Base, 47mm |
| FHSC47 | Replacement Spring Clamp, 47mm |
| FHSTS8 | Replacement Silicone Stopper, Perforated, Size #8 |

Specifications

Materials:

Borosilicate PTFE-faced glass funnel and PTFE-faced base; anodized aluminum spring clamp; silicone stopper

Filter Diameter:

47mm

Filtration Area:

9.6cm²

Capacity:

Funnel: 300ml

Prefilter Diameter:

Thick Depth Prefilter: 35mm
Membrane Prefilter: 47mm

Outlet Fitting:

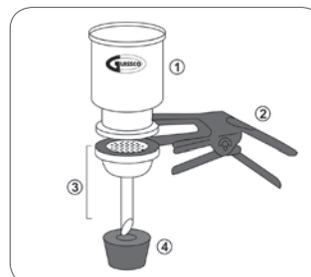
6mm (1/4") O.D. tubulated cap sidearm to vacuum

Dimensions:

Height: 22.9cm
Diameter: 7.6cm

Sterilization Method:

30 UV sterilize or autoclave without filter in place



Replacement Parts

- 1 - FHFP300 PTFE-Coated Glass Funnel, 300ml
- 2 - FHSC47 Spring Clamp, 47mm
- 3 - FHBP47 PTFE-Coated Glass Base, 47mm
- 4 - FHSTS8 Silicone Stopper, Perforated, Size #8



FHPT47



FHFL1000



FHFL4000

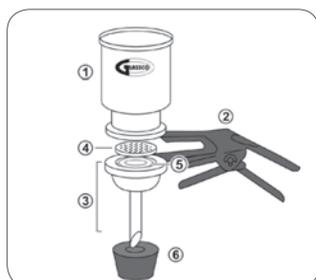
Optional Accessories

| Item No. | Description |
|----------|---|
| FHFL1000 | Vacuum Filtering Flask, 1000ml capacity |
| FHFL4000 | Vacuum Filtering Flask, 4000ml capacity |

Vacuum Filter Holder Set with Stainless Steel Screen, 47mm



FHSS47



Replacement Parts

- 1 - FHGF300 Glass Funnel, 300ml
- 2 - FHSC47 Spring Clamp, 47mm
- 3 - FHBS47 Glass Base, 47mm
- 4 - FHSSR47 Support Screen, Stainless, 47mm
- 5 - FHGSP47 Gasket, PTFE, 47mm
- 6 - FHSTS8 Silicone Stopper, Perforated, Size #8



FHFL1000



FHFL4000

Optional Accessories

| Item No. | Description |
|----------|---|
| FHFL1000 | Vacuum Filtering Flask, 1000ml capacity |
| FHFL4000 | Vacuum Filtering Flask, 4000ml capacity |

Designed for analyzing particulate contamination of hydraulic fluids and oils using gravimetric or particulate counting methods, and can be used in exfoliative cytology applications. Complete set includes a borosilicate glass funnel and base, anodized aluminum spring clamp, stainless steel support screen, PTFE gasket, and perforated silicone stopper. Parts are also available separately.

| Item No. | Description |
|----------|--|
| FHSS47 | Vacuum Filter Holder Set with Stainless Steel Screen, 47mm |
| FHGF300 | Replacement Glass Funnel, 300ml |
| FHBS47 | Replacement Glass Base, 47mm |
| FHSC47 | Replacement Spring Clamp, 47mm |
| FHSSR47 | Replacement Support Screen, Stainless, 47mm |
| FHGSP47 | Replacement Gasket, PTFE, 47mm |
| FHSTS8 | Replacement Silicone Stopper, Perforated, Size #8 |

Specifications

Materials:

Borosilicate glass funnel and base; stainless steel screen filter support; anodized aluminum spring clamp; silicone stopper

Filter Diameter:

47mm

Filtration Area:

9.6cm²

Capacity:

Funnel: 300ml

Prefilter Diameter:

Thick Depth Prefilter: 35mm
Membrane Prefilter: 47mm

Outlet Fitting:

6mm (1/4") O.D. tubulated cap sidearm to vacuum

Dimensions:

Height: 22.9cm
Diameter: 7.6cm

Sterilization Method:

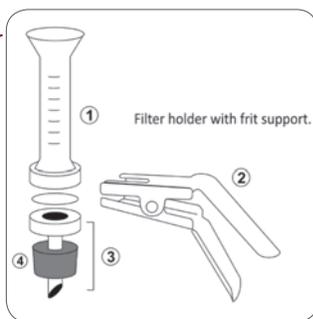
30 UV sterilize or autoclave without filter in place

Filtration

Microanalysis Vacuum Filter Holder Set, 25mm with Fritted Glass Filter Support



NEW



Replacement Parts

- 1 - FHGF15 Glass Funnel, 15ml
- 2 - FHSC25 Spring Clamp, 25mm
- 3 - FHGBS25 Fritted Glass Base with Stopper, 25mm
- 4 - FHSTS5 Silicone Stopper, No. 5

FHMA25

Designed for particulate or biological contamination analysis of small volumes using a vacuum filter. Includes a fritted glass filter support and No. 5 perforated silicone stopper for easy attachment to a vacuum filtering flask. Membrane filters are not included. Thick prefilters or laminated filters will not seal in this holder, and it is not autoclavable with membrane filters installed. Unlaminated PTFE or PVDF membranes are recommended for solvent applications.

Complete set includes a borosilicate glass funnel and base, fritted glass filter support, anodized aluminum spring clamp, and silicone stopper. Parts are also available separately.

| Item No. | Description |
|----------|---|
| FHMA25 | Microanalysis Vacuum Filter Holder Set, Fritted Glass, 25mm |
| FHGF15 | Replacement Glass Funnel, 15ml |
| FHSC25 | Replacement Spring Clamp, 25mm |
| FHGBS25 | Replacement Fritted Glass Base with Stopper, 25mm |
| FHSTS5 | Replacement Perforated Silicone Stopper, No. 5 |

Specifications

Materials:

Borosilicate glass funnel and base; anodized aluminum spring clamp; fritted glass filter support; silicone stopper

Filter Diameter:

25mm

Filtration Area:

2.5cm²

Capacity:

Funnel: 15ml

Outlet Fitting:

No. 5 perforated silicone stopper mounts in standard 125ml filtering flask

Dimensions:

Height: 15.2cm
Diameter: 2.5cm



FHFL125

Optional Accessory

| Item No. | Description |
|----------|--|
| FHFL125 | Vacuum Filtering Flask, 125ml capacity |

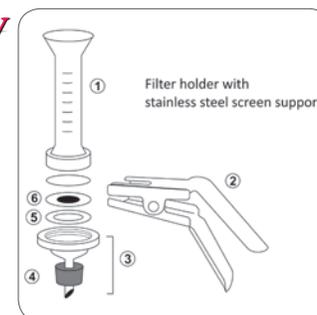
Microanalysis Vacuum Filter Holder Set, 25mm with Stainless Filter Support

Designed for particulate or biological contamination analysis of small volumes using a vacuum filter. Includes a stainless steel screen filter support and No. 5 perforated silicone stopper for easy attachment to a vacuum filtering flask. Membrane filters are not included. Thick prefilters or laminated filters will not seal in this holder, and it is not autoclavable with membrane filters installed. Unlaminated PTFE or PVDF membranes are recommended for solvent applications.

Complete set includes a borosilicate glass funnel and base, removable stainless steel screen filter support, anodized aluminum spring clamp, and silicone stopper. Parts are also available separately.



NEW



Replacement Parts

- 1 - FHGF15 Glass Funnel, 15ml
- 2 - FHSC25 Spring Clamp, 25mm
- 3 - FHBSS25 Base and Stainless Steel Screen, 25mm
- 4 - FHSTS5 Silicone Stopper, No. 5
- 5 - FHGSTF Teflon Gasket
- 6 - FHSSR25 Support Screen, Stainless Steel, 25mm

Item No.

Description

| | |
|----------|---|
| FHMA25-S | Microanalysis Vacuum Filter Holder Set, Stainless, 25mm |
| FHGF15 | Replacement Glass Funnel, 15ml |
| FHSC25 | Replacement Spring Clamp, 25mm |
| FHBSS25 | Replacement Base and Stainless Steel Screen, 25mm |
| FHSTS5 | Replacement Perforated Silicone Stopper, No. 5 |
| FHGSTF | Gasket, Teflon |
| FHSSR25 | Support Screen, Stainless Steel, 25mm |



FHFL125

Optional Accessory

| Item No. | Description |
|----------|--|
| FHFL125 | Vacuum Filtering Flask, 125ml capacity |

Specifications

Materials:

Borosilicate glass funnel and base; anodized aluminum spring clamp; removable stainless steel screen filter support; silicone stopper

Filter Diameter:

25mm

Filtration Area:

2.5cm²

Capacity:

Funnel: 15ml

Outlet Fitting:

No. 5 perforated silicone stopper mounts in standard 125ml filtering flask

Dimensions:

Height: 15.2cm
Diameter: 2.5cm

All-Glass Vacuum Filter Holder Set, 90mm

This all-glass filter holder is used in particulate contamination analysis for filtering aqueous, organic, or corrosive liquids. It is also recommended for HPLC solvent filtration. Complete set includes a borosilicate glass funnel, base and tubulated cap, anodized aluminum spring clamp, and PTFE-coated stainless steel screen. Membrane filters are not included. Parts are also available separately.

| Item No. | Description |
|----------|--|
| FHSS90 | Vacuum Filter Holder Set, 90mm |
| FHGF1000 | Replacement Glass Funnel, 1000ml |
| FHSC90 | Replacement Spring Clamp, 90mm |
| FHGBC90 | Replacement Glass Base and Cap, 90mm |
| FHSSR90 | Replacement Support Screen, Stainless, PTFE Coated, 90mm |
| FHGSP90 | Replacement Gasket, PTFE, 90mm |

Optional Accessories

| Item No. | Description |
|----------|--|
| FHFG1000 | Flask, 1000ml capacity, with Ground Glass Joints |
| FHBT2000 | Vacuum Bottle, 2000ml capacity, with Ground Glass Joints |
| FHBT5000 | Vacuum Bottle, 5000ml capacity, with Ground Glass Joints |



FHBT2000



FHFG1000



FHSS90

Specifications

Materials:

Borosilicate glass funnel, base and tubulated cap; anodized aluminum spring clamp; PTFE-coated stainless steel screen

Filter Diameter:
90mm

Capacity:
Funnel: 1000ml

Outlet Fitting:
6mm (1/4") O.D. tubulated cap sidearm to vacuum

Rubber Filter Aid



This molded rubber filter disc is designed to support and seal a filter crucible or a funnel in the neck of a filter flask. Inside diameter of the socket at top is 32mm, and outside diameter of the disc is 76mm. The bottom of the disc is flat so that it seals tightly against the lip of the flask.

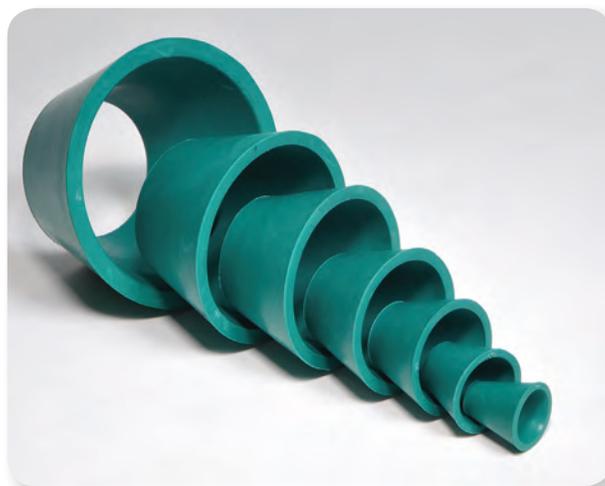
| Item No. | Description |
|----------|-------------------|
| FLTR01 | Rubber Filter Aid |

Filter Adapter Set of 7, Neoprene

Set of seven neoprene adapter cones designed to fit Buchner and fritted glass funnels, porcelain filters without headpieces, and for reverse flow cleaning of filter crucibles. Adapters can be used to support funnels, Gooch crucibles, filter tubes, and other apparatus in filtration assemblies. These adapters are functional even if not tightly fitted around the funnel stem. Can be used individually or nested with adjacent sizes. Provide an excellent alternative to boring special size holes in rubber stoppers. Autoclavable.

| Item No. | Description |
|----------|-----------------------------------|
| FASN07 | Filter Adapter Set of 7, Neoprene |

| Adapter # | Top OD (mm) | Bottom OD (mm) | Top ID (mm) | Bottom ID (mm) |
|-----------|-------------|----------------|-------------|----------------|
| 1 | 21 | 10 | 17 | 6 |
| 2 | 27 | 16 | 20 | 10 |
| 3 | 36 | 21 | 30 | 15 |
| 4 | 45 | 27 | 39 | 21 |
| 5 | 57 | 37 | 50 | 29 |
| 6 | 70 | 45 | 62 | 35 |
| 7 | 90 | 55 | 80 | 46 |



Filter Papers, Circular, Grade 1



The most widely used qualitative filter paper for routine applications. Medium porosity and flow rate. 100 circles packed in a cardboard box.

| Item No. | Diameter (cm) | Quantity per pack |
|----------|---------------|-------------------|
| FPR007 | 7 | 100 |
| FPR009 | 9 | 100 |
| FPR011 | 11 | 100 |
| FPR125 | 12.5 | 100 |
| FPR150 | 15 | 100 |
| FPR180 | 18 | 100 |
| FPR240 | 24 | 100 |
| FPR320 | 32 | 100 |

Filter Papers, Rectangular, Grade 1

The most widely used qualitative filter paper for routine applications. Medium porosity and flow rate.

| Item No. | Dimensions (inches) | Quantity per pack |
|----------|---------------------|-------------------|
| FPR8X11 | 8.5" x 11" | 100 |
| FPR18X22 | 18" x 22" | 100 |



Boiling Flasks, Flat Bottom, Borosilicate Glass



FG4060 series Boiling Flasks also available in 6, 10 and 20L capacities. Call for details.

Our boiling flasks are made from low-expansion borosilicate glass. Feature uniform wall thickness for superior mechanical strength and shock resistance.

| Item No. | Capacity (ml) | Approx. O.D. x Height (mm) | Quantity per pack | Quantity per case |
|--------------|---------------|----------------------------|-------------------|-------------------|
| FG4060-50 | 50 | 51 x 90 | 6 | 24 |
| FG4060-100 | 100 | 64 x 105 | 6 | 24 |
| FG4060-150* | 150 | 74 x 112 | 6 | 24 |
| FG4060-250 | 250 | 85 x 138 | 6 | 24 |
| FG4060-300* | 300 | 88 x 143 | 6 | 24 |
| FG4060-500 | 500 | 105 x 163 | 6 | 24 |
| FG4060-1000 | 1000 | 131 x 190 | 1 | 6 |
| FG4060-2000 | 2000 | 166 x 230 | 1 | 6 |
| FG4060-3000 | 3000 | 185 x 250 | 1 | 1 |
| FG4060-5000* | 5000 | 223 x 290 | 1 | 1 |

*NEW SIZE

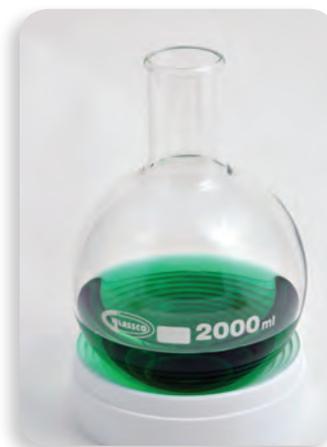
Boiling Flasks, Round Bottom, Borosilicate Glass

Our boiling flasks are made from low-expansion borosilicate glass. Feature uniform wall thickness for superior mechanical strength and shock resistance.

| Item No. | Capacity (ml) | Approx. O.D. x Height (mm) | Quantity per pack | Quantity per case |
|-------------|---------------|----------------------------|-------------------|-------------------|
| FG4260-25 | 25 | 42 x 90 | 6 | 24 |
| FG4260-50 | 50 | 51 x 95 | 6 | 24 |
| FG4260-100 | 100 | 64 x 110 | 6 | 24 |
| FG4260-125* | 125 | 69 x 115 | 6 | 24 |
| FG4260-150* | 150 | 74 x 118 | 6 | 24 |
| FG4260-250 | 250 | 85 x 145 | 6 | 24 |
| FG4260-300* | 300 | 88 x 148 | 6 | 24 |
| FG4260-500 | 500 | 105 x 168 | 6 | 24 |
| FG4260-1000 | 1000 | 131 x 200 | 6 | 24 |
| FG4260-2000 | 2000 | 166 x 240 | 1 | 6 |
| FG4260-3000 | 3000 | 185 x 260 | 1 | 1 |

*NEW SIZE

FG4260 series Boiling Flasks also available in 5, 6, 10 and 20L capacities. Call for details.



Boiling Flasks, Round Bottom, Ground Glass Joints, Borosilicate Glass

Our boiling flasks with ground glass joints are made from low-expansion borosilicate glass. Feature uniform wall thickness for superior mechanical strength and shock resistance.

| Item No. | Capacity (ml) | Approx. O.D. x Height (mm) | Joint Size | Qty per pack | Qty per case |
|--------------|---------------|----------------------------|------------|--------------|--------------|
| FRB057-50 | 50 | 51 x 100 | 24/40 | 6 | 24 |
| FRB057-100 | 100 | 64 x 118 | 24/40 | 6 | 24 |
| FRB057-250 | 250 | 85 x 140 | 24/40 | 6 | 24 |
| FRB057-500 | 500 | 105 x 158 | 24/40 | 6 | 24 |
| FRB057-1000 | 1000 | 130 x 185 | 24/40 | 6 | 24 |
| FRB057-2000 | 2000 | 165 x 215 | 24/40 | 1 | 6 |
| FRB057-3000* | 3000 | 185 x 250 | 24/40 | 1 | 1 |
| FRB057-5000* | 5000 | 223 x 305 | 24/40 | 1 | 1 |

*NEW SIZE



Boiling Flasks, Flat Bottom, Ground Glass Joints, Borosilicate Glass



Our boiling flasks with ground glass joints are made from low-expansion borosilicate glass. Feature uniform wall thickness for superior mechanical strength and shock resistance.

| Item No. | Capacity (ml) | Approx. O.D. x Height (mm) | Joint Size | Qty per pack | Qty per case |
|--------------|---------------|----------------------------|------------|--------------|--------------|
| FFB058-50 | 50 | 51 x 100 | 24/40 | 6 | 24 |
| FFB058-100 | 100 | 64 x 118 | 24/40 | 6 | 24 |
| FFB058-250 | 250 | 85 x 130 | 24/40 | 6 | 24 |
| FFB058-500 | 500 | 105 x 162 | 24/40 | 6 | 24 |
| FFB058-1000 | 1000 | 132 x 178 | 24/40 | 6 | 24 |
| FFB058-2000 | 2000 | 165 x 205 | 24/40 | 1 | 6 |
| FFB058-3000* | 3000 | 185 x 240 | 24/40 | 1 | 1 |
| FFB058-5000* | 5000 | 223 x 290 | 24/40 | 1 | 1 |

*NEW SIZE

Distilling Flasks, Borosilicate Glass

Our distilling flasks are made from low-expansion borosilicate glass. Uniform wall thickness provides superior mechanical strength and shock resistance. Long side arm is ideal for distillation applications. Feature large white block letters for easy identification of capacity.

| Item No. | Capacity (ml) | Quantity per pack |
|-------------|---------------|-------------------|
| FG4620-100 | 100 | 12 |
| FG4620-125 | 125 | 12 |
| FG4620-250 | 250 | 12 |
| FG4620-500 | 500 | 6 |
| FG4620-1000 | 1000 | 6 |
| FG4620-2000 | 2000 | 4 |



Flask Stand, PP



For use with flasks up to 10L, this polypropylene stand is ribbed to safely hold flasks in place. Autoclavable.

| Item No. | Description | Quantity per pack |
|----------|-----------------|-------------------|
| 45105 | Flask Stand, PP | 1 |

Erlenmeyer Flasks, Narrow Mouth, Borosilicate Glass



Borosilicate glass flasks are designed to give the best combination of thermal shock resistance and physical strength. Feature heavy-duty rims and graduations in durable white enamel.

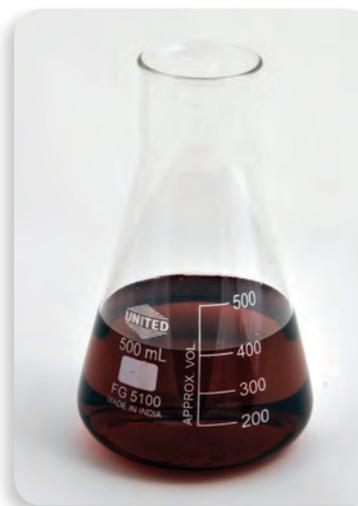
| Item No. | Capacity (ml) | Graduation Range (ml) | Graduation Interval (ml) | Qty per pack | Qty per case |
|-------------|---------------|-----------------------|--------------------------|--------------|--------------|
| FG4980-10* | 10 | NA | NA | 12 | 36 |
| FG4980-25 | 25 | 10 - 25 | 5 | 12 | 48 |
| FG4980-50 | 50 | 20 - 50 | 10 | 12 | 48 |
| FG4980-100 | 100 | 50 - 100 | 25 | 12 | 48 |
| FG4980-125 | 125 | 50 - 125 | 25 | 12 | 48 |
| FG4980-150 | 150 | 75 - 150 | 25 | 6 | 24 |
| FG4980-250 | 250 | 50 - 200 | 25 | 12 | 48 |
| FG4980-500 | 500 | 100 - 500 | 50 | 6 | 36 |
| FG4980-1000 | 1000 | 250 - 1000 | 50 | 6 | 24 |
| FG4980-2000 | 2000 | 600 - 2000 | 200 | 1 | 8 |
| FG4980-3000 | 3000 | 1000 - 3000 | 500 | 1 | 1 |
| FG4980-5000 | 5000 | 1500 - 5000 | 500 | 1 | 1 |

* Note: 10ml flask is not graduated.

Erlenmeyer Flasks, Wide Mouth, Borosilicate Glass

Wide mouth flasks are ideal for titrations and culture work. Borosilicate glass flasks are designed to give the best combination of thermal shock resistance and physical strength. Feature heavy-duty rims and graduations in durable white enamel.

| Item No. | Capacity (ml) | Approx. O.D. x Height (mm) | Quantity per pack | Quantity per case |
|-------------|---------------|----------------------------|-------------------|-------------------|
| FG5100-100 | 100 | 70 x 110 | 12 | 48 |
| FG5100-125 | 125 | 69 x 117 | 12 | 48 |
| FG5100-250 | 250 | 84 x 138 | 12 | 48 |
| FG5100-500 | 500 | 105 x 186 | 6 | 36 |
| FG5100-1000 | 1000 | 131 x 222 | 6 | 24 |



Erlenmeyer Flasks, with Screw Cap, Borosilicate Glass



Recommended for culturing, mixing and storing applications. Borosilicate glass flasks are designed to give the best combination of thermal shock resistance and physical strength. Feature heavy-duty rims and graduations in durable white enamel. Blue screw caps with liner are autoclavable.

| Item No. | Capacity (ml) | Approx. O.D. x Height (mm) | Quantity per pack | Quantity per case |
|-------------|---------------|----------------------------|-------------------|-------------------|
| FG5021-100 | 100 | 64 x 100 | 6 | 24 |
| FG5021-150 | 150 | 72 x 118 | 6 | 24 |
| FG5021-250 | 250 | 85 x 140 | 6 | 24 |
| FG5021-500 | 500 | 104 x 175 | 6 | 24 |
| FG5021-1000 | 1000 | 131 x 220 | 1 | 4 |

Erlenmeyer Flask Set of 5, Borosilicate Glass

A convenient set of five of our narrow mouth borosilicate glass Erlenmeyer flasks. Set consists of one each of 50ml, 125ml, 250ml, 500ml, and 1000ml flasks.

Borosilicate glass flasks are designed to give the best combination of thermal shock resistance and physical strength. Feature heavy-duty rims and graduations in durable white enamel.



| Item No. | Description |
|----------|---|
| FGSET5 | Erlenmeyer Flask Set of 5, Borosilicate Glass |



Erlenmeyer Flasks, Wide Mouth, PP

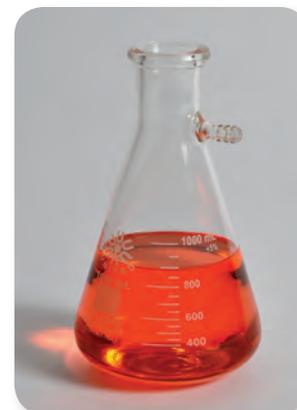
Wide mouth polypropylene flasks are autoclavable and include a screw cap for easy mixing and storage of solutions. Flasks are graduated to show approximate volumes.

| Item No. | Capacity (ml) | Graduation Interval (ml) | Quantity per pack |
|----------|---------------|--------------------------|-------------------|
| FP0125 | 125 | 25 | 12 |
| FP0250 | 250 | 50 | 12 |
| FP0500 | 500 | 50 | 12 |

Filtering Flasks, Borosilicate Glass

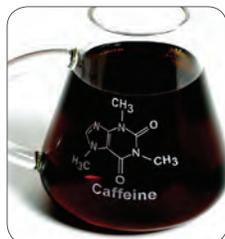
Heavy wall borosilicate filtering flask includes a heavy-duty rim and a bolt neck with tubulation. Graduations are printed in durable white enamel.

| Item No. | Capacity (ml) | Approx. O.D. x Height (mm) | Quantity per pack | Quantity per case |
|-------------|---------------|----------------------------|-------------------|-------------------|
| FG5340-50 | 50 | 52 x 85 | 6 | 24 |
| FG5340-100 | 100 | 64 x 108 | 6 | 24 |
| FG5340-250 | 250 | 86 x 160 | 1 | 18 |
| FG5340-500 | 500 | 108 x 190 | 1 | 18 |
| FG5340-1000 | 1000 | 138 x 245 | 1 | 12 |
| FG5340-2000 | 2000 | 170 x 305 | 1 | 12 |
| FG5340-5000 | 5000 | 237 x 390 | 1 | 1 |



Flask Mug, Borosilicate Glass

NEW



Back of flask shows the molecular structure of caffeine.

This 500ml borosilicate glass flask features an attached handle and a smooth rim. The molecular structure of caffeine is enameled in white on one side, and the other side has standard flask graduations.

| Item No. | Description |
|----------|--------------------------------|
| FGMG500 | Flask Mug, Borosilicate, 500ml |

Flask mugs can be private labeled. Please call for details.

See our Beaker Mugs on page 11.

NEW

Recovery Flasks, Pear Shaped, Borosilicate Glass



Heavy wall recovery flasks are ideal for use with rotary evaporators. Flasks feature a square bead and a single neck with ground glass 24/40 joint. Opening at top is designed for easy recovery of reaction products using a spatula. Flask bottom fits standard heating mantles.

Recovery flasks can be special ordered with custom joint sizes and capacities.

| Item No. | Capacity (ml) | Approx. O.D. x Height (mm) | Joint Size | Qty per pack | Qty per case |
|----------|---------------|----------------------------|------------|--------------|--------------|
| FGR0050 | 50 | 48 x 85 | 24/40 | 6 | 24 |
| FGR0100 | 100 | 60 x 105 | 24/40 | 6 | 24 |
| FGR0250 | 250 | 80 x 140 | 24/40 | 6 | 24 |
| FGR0500 | 500 | 100 x 175 | 24/40 | 6 | 24 |
| FGR1000 | 1000 | 120 x 210 | 24/40 | 6 | 24 |
| FGR2000 | 2000 | 160 x 250 | 24/40 | 1 | 8 |

Volumetric Flasks, Class B, with Glass Stopper

Durable, machine-blown body. Heavy beaded tubing neck. Flasks feature a sharp graduation line and large white block letters. A ground glass stopper is included.

| Item No. | Capacity (ml) | Tolerance (± ml) | Stopper Size | Quantity per pack |
|-------------|---------------|------------------|--------------|-------------------|
| FG5641-5 | 5 | 0.04 | 9 | 12 |
| FG5641-10 | 10 | 0.04 | 9 | 12 |
| FG5641-25 | 25 | 0.06 | 9 | 12 |
| FG5641-50 | 50 | 0.10 | 9 | 12 |
| FG5641-100 | 100 | 0.16 | 13 | 12 |
| FG5641-200 | 200 | 0.20 | 16 | 12 |
| FG5641-250 | 250 | 0.24 | 16 | 12 |
| FG5641-500 | 500 | 0.40 | 19 | 12 |
| FG5641-1000 | 1000 | 0.60 | 22 | 6 |
| FG5641-2000 | 2000 | 1.00 | 27 | 4 |



Volumetric Flasks, Class B, with Snap Cap



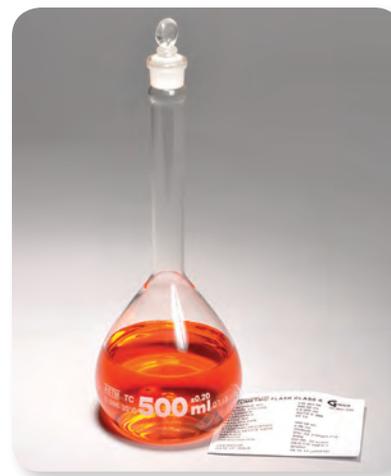
Durable, machine-blown body. Heavy beaded tubing neck. Flasks feature a sharp graduation line and large white block letters. A plastic snap cap is included.

| Item No. | Capacity (ml) | Tolerance (± ml) | Plastic Cap Number | Quantity per pack |
|-------------|---------------|------------------|--------------------|-------------------|
| FG5581-50 | 50 | 0.10 | 3 | 12 |
| FG5581-100 | 100 | 0.16 | 4 | 12 |
| FG5581-250 | 250 | 0.24 | 5 | 12 |
| FG5581-500 | 500 | 0.40 | 5 | 12 |
| FG5581-1000 | 1000 | 0.60 | 6 | 6 |
| FG5581-2000 | 2000 | 1.0 | 8 | 4 |

Volumetric Flasks, Class A, with Glass Stopper, Batch Certified

Durable, machine-blown body. Heavy beaded tubing neck. Flasks feature a sharp graduation line and large white block letters. A ground glass stopper is included. Meets Class A specifications per ASTM E288. Batch certified.

| Item No. | Capacity (ml) | Tolerance (\pm ml) | Stopper Size | Quantity per pack |
|-------------|---------------|-----------------------|--------------|-------------------|
| FG5640-5 | 5 | 0.02 | 9 | 1 |
| FG5640-10 | 10 | 0.02 | 9 | 1 |
| FG5640-20 | 20 | 0.03 | 9 | 1 |
| FG5640-25 | 25 | 0.03 | 9 | 1 |
| FG5640-50 | 50 | 0.05 | 9 | 1 |
| FG5640-100 | 100 | 0.08 | 13 | 1 |
| FG5640-200 | 200 | 0.10 | 16 | 1 |
| FG5640-250 | 250 | 0.12 | 16 | 1 |
| FG5640-500 | 500 | 0.20 | 19 | 1 |
| FG5640-1000 | 1000 | 0.30 | 22 | 1 |
| FG5640-2000 | 2000 | 0.50 | 27 | 1 |



Volumetric Flasks, Class A, with Glass Stopper, Individually Certified



Durable, machine-blown body. Heavy beaded tubing neck. Flasks feature a sharp graduation line and large white block letters. A ground glass stopper is included. Meets Class A specifications per ASTM E288. Individually serialized and certified.

| Item No. | Capacity (ml) | Tolerance (\pm ml) | Stopper Size | Quantity per pack |
|-------------|---------------|-----------------------|--------------|-------------------|
| FG5639-5 | 5 | 0.02 | 9 | 1 |
| FG5639-10 | 10 | 0.02 | 9 | 1 |
| FG5639-20 | 20 | 0.03 | 9 | 1 |
| FG5639-25 | 25 | 0.03 | 9 | 1 |
| FG5639-50 | 50 | 0.05 | 9 | 1 |
| FG5639-100 | 100 | 0.08 | 13 | 1 |
| FG5639-200 | 200 | 0.10 | 16 | 1 |
| FG5639-250 | 250 | 0.12 | 16 | 1 |
| FG5639-500 | 500 | 0.20 | 19 | 1 |
| FG5639-1000 | 1000 | 0.30 | 22 | 1 |
| FG5639-2000 | 2000 | 0.50 | 27 | 1 |

Volumetric Flasks, Class A, with Snap Cap, Batch Certified

Durable, machine-blown body. Heavy beaded tubing neck. Flasks feature a sharp graduation line and large white block letters. A plastic snap cap is included. Meets Class A specifications per ASTM E288. Batch certified.

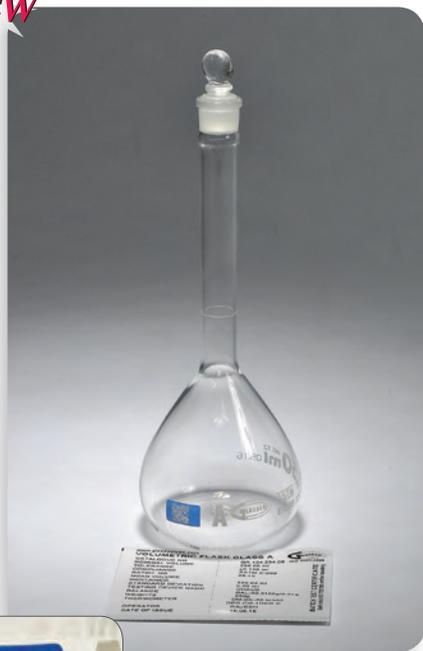
| Item No. | Capacity (ml) | Tolerance (\pm ml) | Plastic Cap Number | Quantity per pack |
|-------------|---------------|-----------------------|--------------------|-------------------|
| FG5580-50 | 50 | 0.05 | 3 | 1 |
| FG5580-100 | 100 | 0.08 | 4 | 1 |
| FG5580-200 | 200 | 0.10 | 5 | 1 |
| FG5580-250 | 250 | 0.12 | 5 | 1 |
| FG5580-500 | 500 | 0.20 | 5 | 1 |
| FG5580-1000 | 1000 | 0.30 | 6 | 1 |
| FG5580-2000 | 2000 | 0.50 | 8 | 1 |



Flasks

Volumetric Flasks, Class A, with Glass Stopper, Batch Certified, QR

NEW



Each flask includes a QR code that can be scanned to quickly obtain a copy of the certificate of calibration, certificate of conformity, and user manual.

Durable, machine-blown body. Heavy beaded tubing neck. Flasks feature a sharp graduation line and large white block letters. A ground glass stopper is included. Meets Class A specifications per ASTM E288. Batch certified.

Our volumetric flasks feature QR code integration to facilitate quick and easy access to certificates of calibration, certificates of conformity, and user manuals where applicable. This is first of its kind innovative technology only available on United glassware. We recommend the NeoReader app for scanning QR codes. Simply point your smartphone to the QR code printed on the flask. Enter the serial number when prompted, and the app automatically takes you to the certificate screen.

| Item No. | Capacity (ml) | Tolerance (\pm ml) | Stopper Size | Quantity per pack |
|---------------|---------------|-----------------------|--------------|-------------------|
| FG5640-5QR | 5 | 0.02 | 9 | 1 |
| FG5640-10QR | 10 | 0.02 | 9 | 1 |
| FG5640-20QR | 20 | 0.03 | 9 | 1 |
| FG5640-25QR | 25 | 0.03 | 9 | 1 |
| FG5640-50QR | 50 | 0.05 | 9 | 1 |
| FG5640-100QR | 100 | 0.08 | 13 | 1 |
| FG5640-200QR | 200 | 0.10 | 16 | 1 |
| FG5640-250QR | 250 | 0.12 | 16 | 1 |
| FG5640-500QR | 500 | 0.20 | 19 | 1 |
| FG5640-1000QR | 1000 | 0.30 | 22 | 1 |
| FG5640-2000QR | 2000 | 0.50 | 27 | 1 |

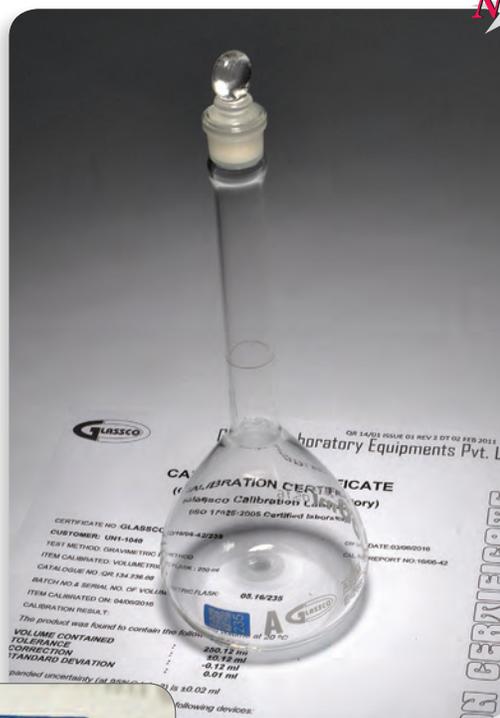
Volumetric Flasks, Class A, with Glass Stopper, Individually Certified, QR

Durable, machine-blown body. Heavy beaded tubing neck. Flasks feature a sharp graduation line and large white block letters. A ground glass stopper is included. Meets Class A specifications per ASTM E288. Individually serialized and certified.

Our volumetric flasks feature QR code integration to facilitate quick and easy access to certificates of calibration, certificates of conformity, and user manuals where applicable. This is first of its kind innovative technology only available on United glassware. We recommend the NeoReader app for scanning QR codes. Simply point your smartphone to the QR code printed on the flask. Enter the serial number when prompted, and the app automatically takes you to the certificate screen.

| Item No. | Capacity (ml) | Tolerance (\pm ml) | Stopper Size | Quantity per pack |
|---------------|---------------|-----------------------|--------------|-------------------|
| FG5639-5QR | 5 | 0.02 | 9 | 1 |
| FG5639-10QR | 10 | 0.02 | 9 | 1 |
| FG5639-20QR | 20 | 0.03 | 9 | 1 |
| FG5639-25QR | 25 | 0.03 | 9 | 1 |
| FG5639-50QR | 50 | 0.05 | 9 | 1 |
| FG5639-100QR | 100 | 0.08 | 13 | 1 |
| FG5639-200QR | 200 | 0.10 | 16 | 1 |
| FG5639-250QR | 250 | 0.12 | 16 | 1 |
| FG5639-500QR | 500 | 0.20 | 19 | 1 |
| FG5639-1000QR | 1000 | 0.30 | 22 | 1 |
| FG5639-2000QR | 2000 | 0.50 | 27 | 1 |

NEW



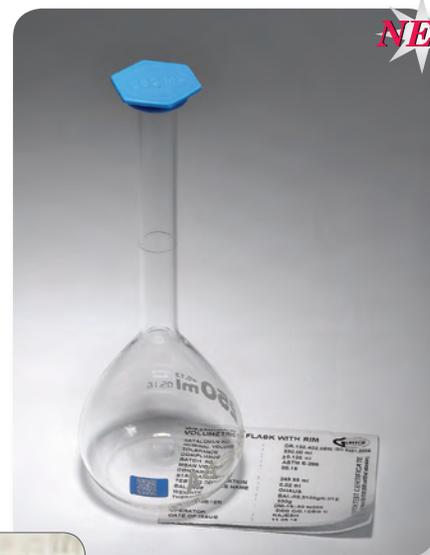
Each flask includes a QR code that can be scanned to quickly obtain a copy of the certificate of calibration, certificate of conformity, and user manual.

Volumetric Flasks, Class A, with Snap Cap, Batch Certified, QR

Durable, machine-blown body. Heavy beaded tubing neck. Flasks feature a sharp graduation line and large white block letters. A plastic snap cap is included. Meets Class A specifications per ASTM E288. Batch certified.

Our volumetric flasks feature QR code integration to facilitate quick and easy access to certificates of calibration, certificates of conformity, and user manuals where applicable. This is first of its kind innovative technology only available on United glassware. We recommend the NeoReader app for scanning QR codes. Simply point your smartphone to the QR code printed on the flask. Enter the serial number when prompted, and the app automatically takes you to the certificate screen.

| Item No. | Capacity (ml) | Tolerance (\pm ml) | Plastic Cap Number | Quantity per pack |
|---------------|---------------|-----------------------|--------------------|-------------------|
| FG5580-50QR | 50 | 0.05 | 3 | 1 |
| FG5580-100QR | 100 | 0.08 | 4 | 1 |
| FG5580-200QR | 200 | 0.10 | 5 | 1 |
| FG5580-250QR | 250 | 0.12 | 5 | 1 |
| FG5580-500QR | 500 | 0.20 | 5 | 1 |
| FG5580-1000QR | 1000 | 0.30 | 6 | 1 |
| FG5580-2000QR | 2000 | 0.50 | 8 | 1 |



NEW



Each flask includes a QR code that can be scanned to quickly obtain a copy of the certificate of calibration, certificate of conformity, and user manual.

Volumetric Flasks, Class A, Individually Certified, Wide Mouth, Amber Glass, QR

NEW



Each flask includes a QR code that can be scanned to quickly obtain a copy of the certificate of calibration, certificate of conformity, and user manual.

Amber-colored borosilicate glass volumetric flasks are manufactured as per ASTM E288 Class A serialized glassware specifications. Calibrated to contain (TC), these flasks feature white enamel printing and diamond etched graduation line.

Our flasks feature heavy-duty and uniform wall thickness, and a wide mouth design for easy pipette access. Amber color protects light sensitive materials.

Each unit comes with a printed calibration certificate, as well as with a printed QR code for easy access to the calibration certificate any time / anywhere, using your mobile device or computer.

| Item No. | Capacity (ml) | Tolerance (\pm ml) | Stopper Size | Quantity per pack |
|----------|---------------|-----------------------|--------------|-------------------|
| FGAM005 | 5 | 0.02 | 13 | 1 |
| FGAM010 | 10 | 0.02 | 13 | 1 |
| FGAM020 | 20 | 0.03 | 13 | 1 |
| FGAM025 | 25 | 0.03 | 13 | 1 |
| FGAM050 | 50 | 0.05 | 13 | 1 |
| FGAM100 | 100 | 0.08 | 16 | 1 |
| FGAM200 | 200 | 0.10 | 19 | 1 |
| FGAM250 | 250 | 0.12 | 19 | 1 |

Flask Tongs, Stainless Steel

Stainless steel flask tongs are 12" long with riveted joints. Heavy duty construction safely accommodates flasks up to 5000ml. Silicone-coated jaws grip flasks firmly and open to 6".

| Item No. | Description |
|----------|------------------------------|
| FTSS04 | Flask Tongs, Stainless Steel |



Forceps

Forceps, Stainless Steel



Good quality stainless steel forceps for general use in the laboratory. All feature serrated tips. Non-sterile, autoclavable.

| Item No. | Description |
|----------|--|
| FRSS14 | Stainless Steel Forceps, Blunt, 5" |
| FOBL05 | Stainless Steel Forceps, Economy Blunt, 5" |
| FOBLC5 | Stainless Steel Forceps, Angular Blunt, 5" |
| FOMF05 | Stainless Steel Forceps, Sharp, 5" |
| FOBL45 | Stainless Steel Forceps, Economy Blunt, 4.5" |

Plastic Forceps, PP

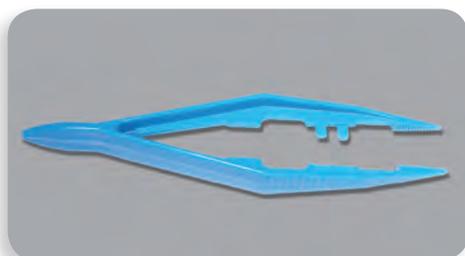
These 4.5" long polypropylene forceps feature serrated inside tips and ribbed finger supports. Non-sterile, autoclavable.

| Item No. | Description |
|----------|---------------------|
| FOBPP5 | Plastic Forceps, PP |



Plastic Tweezers, PP

These polypropylene tweezers are 4" long and feature serrated tips. Non-sterile, autoclavable. Sold as a pack of 12.

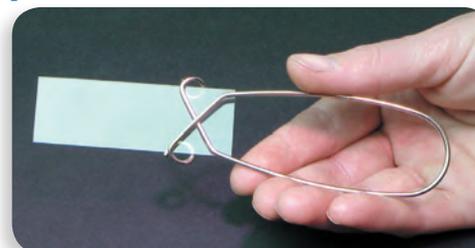


| Item No. | Description |
|----------|----------------------------------|
| P1012-1 | Plastic Tweezers, PP, pack of 12 |

Slide Holding Forceps

Made of plated steel wire for careful and tight handling of cover glasses and slides.

| Item No. | Description |
|----------|-----------------------|
| SFK001 | Slide Holding Forceps |



Funnels, Standard Stem, PP

These clear funnels have long stems, smooth walls and external ribs to prevent air lock. Molded in polypropylene. Autoclavable.



| Item No. | Capacity (ml) | Top Outside Diameter (mm) | Stem Length (mm) | Quantity per pack |
|----------|---------------|---------------------------|------------------|-------------------|
| FSPP55 | 20 | 57 | 40 | 12 |
| FSPP65 | 45 | 67 | 65 | 12 |
| FSPP75 | 75 | 79 | 70 | 12 |
| FSPP10 | 150 | 101 | 85 | 6 |
| FSPP150 | 500 | 150 | 110 | 6 |

Funnels, Short Stem, Plastic



These powder funnels feature wide, short stems. The 35ml and 300ml sizes are made of high density polyethylene, and the 100ml size is made of polypropylene.

| Item No. | Capacity (ml) | Top Outside Diameter (mm) | Stem Length (mm) | Quantity per pack |
|----------|---------------|---------------------------|------------------|-------------------|
| FHD165 | 35 | 65 | 20 | 12 |
| FHD185 | 100 | 85 | 30 | 12 |
| FHD125 | 300 | 125 | 38 | 12 |

Funnels, Utility, PP

Available in three sizes, these funnels have eight internal ribs to facilitate filtration. They are made of polypropylene.



| Item No. | Capacity (ml) | Top Outside Diameter (mm) | Stem Length (mm) | Quantity per pack |
|-------------|----------------------------------|---------------------------|------------------|-------------------|
| FPPC35 | 5 | 37 | 30 | 12 |
| FPPC52 | 25 | 56 | 30 | 12 |
| FPPC65 | 40 | 67 | 30 | 12 |
| FPPC03-PK/3 | One each of the above 3 funnels. | | | |

Funnels, Powder, PP



Polypropylene funnels have short, wide stems for convenient use with powders. Autoclavable.

| Item No. | Capacity (oz.) | Overall Height (mm) | Top Inside Diameter (mm) | Stem Length (mm) | Quantity per pack |
|----------|----------------|---------------------|--------------------------|------------------|-------------------|
| 57221 | 2 | 65 | 65 | 22 | 12 |
| 57222 | 3 | 85 | 78 | 30 | 12 |
| 57223 | 5 | 105 | 100 | 33 | 6 |
| 57224 | 16 | 135 | 145 | 30 | 6 |

Funnels, Powder, PE

A good quality polyethylene powder funnel for general lab use.



| Item No. | Capacity (oz.) | Overall Height (mm) | Top Inside Diameter (mm) | Stem Length (mm) | Quantity per pack |
|----------|----------------|---------------------|--------------------------|------------------|-------------------|
| FPP100 | 5 | 95 | 105 | 23 | 6 |

Funnels, Industrial, PP



Heavy-duty polypropylene funnels include a molded-in handle. Designed to provide convenient filling of carboys, drums and barrels.

| Item No. | Capacity (oz.) | Overall Height (mm) | Top Inside Diameter (mm) | Stem Length (mm) | Quantity per pack |
|----------|----------------|---------------------|--------------------------|------------------|-------------------|
| 57231 | 48 | 240 | 195 | 85 | 1 |
| 57232 | 84 | 300 | 245 | 90 | 1 |

Funnels, Long Stem, Borosilicate Glass

These borosilicate glass funnels include 60° cone angle, beaded tops, and long stems.

| Item No. | Approx. Top Dia. (mm) | Stem Length (mm) | Overall Length (mm) | Quantity per pack | Quantity per case |
|------------|-----------------------|------------------|---------------------|-------------------|-------------------|
| GF6140-50 | 50 | 150 | 195 | 6 | 12 |
| GF6140-65 | 65 | 150 | 205 | 6 | 12 |
| GF6140-75 | 75 | 150 | 215 | 6 | 12 |
| GF6140-100 | 100 | 150 | 235 | 6 | 6 |



Buchner Funnel with Fritted Disc, Borosilicate Glass

NEW



Manufactured from thick walled borosilicate glass, funnels include a beaded rim and a fritted disc with coarse, medium or fine porosity.

| Item No. | Cap. (ml) | Disc Dia. (mm) | Height Above Disc (mm) | Stem O.D. (mm) | Porosity | Qty per pack |
|-----------|-----------|----------------|------------------------|----------------|----------|--------------|
| BF256-15C | 15 | 20 | 45 | 8 | Coarse | 2 |
| BF256-15M | 15 | 20 | 45 | 8 | Medium | 2 |
| BF256-15F | 15 | 20 | 45 | 8 | Fine | 2 |
| BF256-30C | 30 | 30 | 45 | 8 | Coarse | 2 |
| BF256-30M | 30 | 30 | 45 | 8 | Medium | 2 |
| BF256-30F | 30 | 30 | 45 | 8 | Fine | 2 |
| BF256-60C | 60 | 40 | 50 | 10 | Coarse | 2 |
| BF256-60M | 60 | 40 | 50 | 10 | Medium | 2 |
| BF256-60F | 60 | 40 | 50 | 10 | Fine | 2 |

Funnels, Buchner, PP

These polypropylene two-piece funnels are light-weight, easy to clean and autoclavable. The top portion snaps into the lower one, forming a vacuum seal that does not require greasing. The base of the top portion has a perforated filter plate.

| Item No. | Capacity (ml) | Top O.D. (mm) | Stem Length (mm) | Filter Paper Size (cm) | Quantity per pack |
|----------|---------------|---------------|------------------|------------------------|-------------------|
| 57105 | 125 | 80 | 60 | 7 | 12 |
| 57105-A | 300 | 104 | 70 | 9 | 12 |
| 57106 | 650 | 136 | 85 | 11 | 12 |



Buchner Funnels, Porcelain

Porcelain Buchner funnels include fixed perforated plates. Funnels are glazed on inner and outer surfaces except for the rims.

| Item No. | Approx. Capacity (ml) | Top Dia. x Height (mm) | For Filter Paper Size (cm) | Quantity per pack |
|----------|-----------------------|------------------------|----------------------------|-------------------|
| JBF003 | 3 | 20 x 66 | 1.3 | 1 |
| JBF035 | 35 | 50 x 91 | 4 | 1 |
| JBF100 | 100 | 65 x 103 | 5.5 | 1 |
| JBF200 | 200 | 86 x 140 | 7 | 1 |
| JBF350 | 350 | 105 x 162 | 9 | 1 |
| JBF600 | 600 | 127 x 194 | 11 | 1 |
| JBF800 | 800 | 143 x 200 | 12.5 | 1 |
| JBF1150 | 1150 | 172 x 220 | 15 | 1 |
| JBF2000 | 2000 | 210 x 272 | 18 | 1 |
| JBF4800 | 4800 | 270 x 352 | 24 | 1 |



Hirsch Funnels, Porcelain



Porcelain funnels feature fixed perforated plates. Glazed on inner and outer surfaces except for the rim.

| Item No. | Approx. Capacity (ml) | Top Dia. x Height (mm) | For Filter Paper Dia. (mm) | Quantity per pack |
|----------|-----------------------|------------------------|----------------------------|-------------------|
| JHF010 | 10 | 30 x 50 | 10 | 1 |
| JHF012 | 12 | 40 x 70 | 15 | 1 |
| JHF025 | 25 | 50 x 75 | 30 | 1 |
| JHF050 | 50 | 75 x 130 | 47 | 1 |
| JHF140 | 140 | 100 x 175 | 55 | 1 |

Funnel Holder, Single, PP

This corrosion-resistant polypropylene holder can be used with 3" to 6" diameter funnels, and includes an extra plate to accommodate 1" to 3" diameter funnels. Two tapered wedges are provided to ensure firm grip on rods measuring 1/2" or 3/8" diameter.

| Item No. | Description | Quantity per pack |
|----------|---------------------------|-------------------|
| 45103 | Funnel Holder, Single, PP | 12 |



Funnel Holder, Double, PP

Suspend two funnels simultaneously using this polypropylene holder. These corrosion-resistant holders can be used with 3" to 6" diameter funnels, and include an extra plate to accommodate 1" to 3" diameter funnels. Two tapered wedges are provided to ensure firm grip on rods measuring 1/2" or 3/8" diameter.

| Item No. | Description | Quantity per pack |
|----------|---------------------------|-------------------|
| 45106 | Funnel Holder, Double, PP | 6 |



Separatory Funnels, PP



These pear-shaped polypropylene separating funnels feature excellent clarity and strength, and include a leak-proof threaded screw cap. The polypropylene stopcock is fitted with a self-lubricating PTFE plug. Not graduated.

| Item No. | Capacity (ml) | Top Outside Diameter (mm) | Stem Length (mm) | Quantity per pack |
|----------|---------------|---------------------------|------------------|-------------------|
| 81201 | 100 | 55 | 45 | 1 |
| 81202 | 250 | 75 | 45 | 1 |
| 81203 | 500 | 90 | 45 | 1 |

Separatory Funnels, Borosilicate Glass

These pear-shaped borosilicate glass funnels include a PTFE stopcock and a plastic stopper. Feature a marking spot and large white block letters for easy identification of capacity, as per ASTM E1096. PTFE stopcocks are compliant with ASTM standard E675.

| Item No. | Capacity (ml) | Stopper Size | Quantity per pack | Quantity per case |
|------------|---------------|--------------|-------------------|-------------------|
| SF149-125 | 125 | 22 | 2 | 20 |
| SF149-250 | 250 | 22 | 2 | 20 |
| SF149-500 | 500 | 27 | 2 | 20 |
| SF149-1000 | 1000 | 27 | 1 | 10 |
| SF149-2000 | 2000 | 38 | 1 | 10 |



Separatory Funnel Holder, PP



This non-corrosive separatory funnel holder, molded in polypropylene, has a front opening which provides clear view of the solution and allows unobstructed placement of separating funnels. Two tapered wedges are provided to ensure firm grip on rods measuring 1/2" or 3/8" diameter.

| Item No. | Description | Quantity per pack |
|----------|------------------------------|-------------------|
| 45104 | Separatory Funnel Holder, PP | 12 |

Analog Hot Plate / Magnetic Stirrer

NEW

This analog hot plate with magnetic stirrer features knobs for electronic variable speed control and for regulating temperature. Includes a thermally insulated aluminum housing and a scratch and chemical resistant stainless steel ceramic coated 6" diameter heating plate. Temperature is safely controlled using the PT sensor. Includes a magnetic stirbar, 35mm x 9mm. Technical specifications are listed below:

- Operates on 115V/ 60 Hz
- Maximum stir speed of 1600 RPM
- Heat output of 650 W
- 0-350°C / 0-660°F temperature range
- Hot top indicator for temperatures above 50°C/ 120°F, even when switched off
- Designed for use with beakers/flasks up to 2000ml in capacity



| Item No. | Description |
|------------|--|
| HPSA700-02 | Analog Hot Plate with Magnetic Stirrer |

Magnetic Stir Bars



Our magnetic stir bars are constructed of high quality magnets coated with PTFE. Along with individual sizes of polygon, octagon, and egg-shaped, two convenient assortments are available. Stir bar retrievers also available.

| Item No. | Description | Dimensions (Length x Diameter) |
|----------|---------------------------------------|--------------------------------|
| MSB15 | Stir Bar, Octagon, with pivot ring | 15mm x 7.5mm |
| MSB25 | Stir Bar, Octagon, with pivot ring | 25mm x 8mm |
| MSB35 | Stir Bar, Octagon, with pivot ring | 35mm x 9mm |
| MSB40 | Stir Bar, Octagon, with pivot ring | 40mm x 8mm |
| MSB48 | Stir Bar, Octagon, with pivot ring | 48.5mm x 10mm |
| MSZ12 | Stir Bar, Polygon, without pivot ring | 12mm x 3mm |
| MSZ25 | Stir Bar, Polygon, without pivot ring | 25mm x 8mm |
| MSZ40 | Stir Bar, Polygon, without pivot ring | 40mm x 8mm |
| MSZ70 | Stir Bar, Polygon, without pivot ring | 70mm x 9mm |
| MSHL15 | Stir Bar, Egg-shaped, blunt edges | 15mm x 7mm |
| MSHL30 | Stir Bar, Egg-shaped, blunt edges | 30mm x 13mm |
| MSHL50 | Stir Bar, Egg-shaped, blunt edges | 50mm x 20mm |

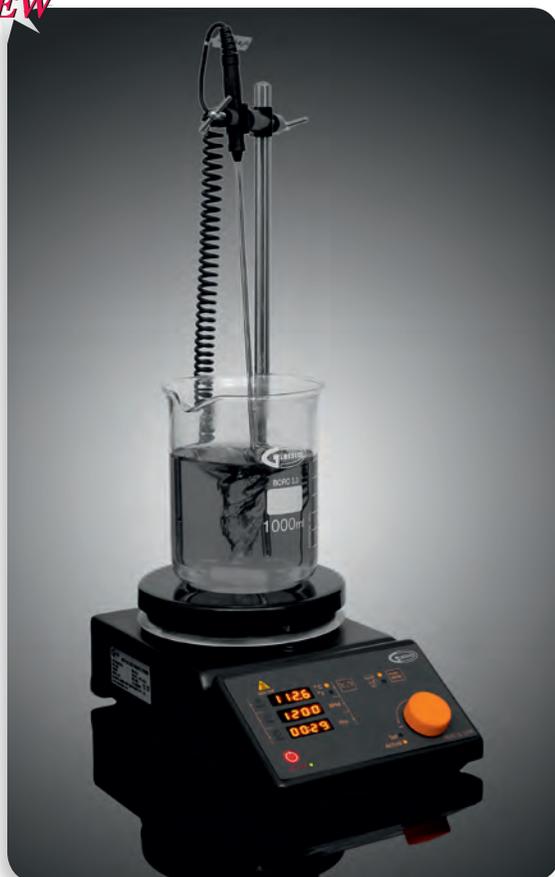


| Item No. | Description |
|----------|---|
| MBR350 | Magnetic Stir Bar Retriever, 350mm long |

| Item No. | Description |
|----------|---|
| MSBA20 | Magnetic Stir Bar Assortment, set of 20 (2 each of all MSB series bars, plus 2 each of MSZ12, MSZ70, MSHL15, MSHL30 and MSHL50) |
| MSBA50 | Magnetic Stir Bar Assortment, set of 50 (5 each of all MSB series bars, plus 5 each of MSZ12, MSZ70, MSHL15, MSHL30 and MSHL50) |

Digital Hot Plate / Magnetic Stirrer

NEW



This digital hot plate with magnetic stirrer features an aluminum housing with a scratch and chemical resistant stainless steel ceramic coated 6" diameter heating plate. Unit is thermally insulated so the housing is relatively cool to the touch during operation. Designed with double PT sensors, this hot plate also features a digital temperature controller, RPM controller, and time controller, all of which have independent LED displays. Built-in audible alarm at end of time cycle for safety and ease of unsupervised operation. In case of malfunction, display indicates a visual error code for easy diagnosis and resolution. Built-in RS232 port for connection to a computer. Technical specifications are listed below:

- Operates on 115V/ 60 Hz
- Maximum stir speed of 1500 RPM
- Heat output of 650 W
- 0-350°C temperature range, can be displayed in C or F
- Hot top indicator for temperatures above 50°C, even when switched off
- Master selector knob for temperature, stir speed and time settings
- Display can be toggled between hotplate and probe temperature
- Adjustable safety cutoff range of 50-400°C
- Designed for use with beakers/flasks up to 2000ml in capacity

Includes the following accessories:

- Stainless steel rod, 400mm long, 12mm diameter
- PT100 sensor probe
- Magnetic stirbar, 35mm x 9mm
- Boss head clamp

| Item No. | Description |
|------------|---|
| HPSD900-02 | Digital Hot Plate with Magnetic Stirrer |

Heating Mantles

NEW

These heating mantles are designed for use with round bottom flasks. Features include polyurethane coated aluminum exteriors and a high quality knitted mantle with glass fiber underlay for uniform distribution of heat. Maximum operating temperature is 400°C. Mantles can be used in a wide range of ambient temperatures, from about 45°F to 100°F, and relative humidity up to 80%. The units are not waterproof, and are rated as IP code 10 equipment.

Power is controlled (from 0 – 100%) by a knob that is built into the unit - no need for a separate external power control unit. Mantles are designed to securely hold flasks so that the top half of the flask is easily visible during operation. Elements can be replaced easily. An outlet tube is built-in for draining any spilled liquids. A 4-foot long grounded cord is included. Each unit features a fuse that can be easily replaced.

Units are designed for long-term use. Care should be taken to avoid chemical spillage, overheating, overloading, and general misuse to maximize service life. Please refer to the user manual for more information.

Replacement elements are sold separately. Call for details.

| Item No. | Mantle Capacity (ml) | Wattage (W) |
|-------------|----------------------|-------------|
| HM1000-100 | 100 | 150 |
| HM1000-250 | 250 | 150 |
| HM1000-500 | 500 | 200 |
| HM1000-1000 | 1000 | 300 |

Also available in 2 - 20L capacities by special order. Call for details.



Heating Mantles with Stirrer

HMS1500 series Mantles feature stirring capability (50 – 750 RPM). Heating and stirring functions are independently controlled by 2 separate knobs. Each unit is supplied with a magnetic stir bar.

Mantles with stirrer feature polyurethane coated aluminum exteriors and a high quality knitted mantle with glass fiber underlay for uniform distribution of heat. Maximum operating temperature is 400°C. Mantles can be used in a wide range of ambient temperatures, from about 45°F to 100°F, and relative humidity up to 80%. The units are not waterproof, and are rated as IP code 10 equipment.

Power (from 0 – 100%) and stir speed (50 – 750 RPM) are controlled from 2 separate knobs that are built-into the unit. No need for a separate external control unit! Mantles are designed to securely hold flasks so that the top half of the flask is easily visible during operation. Elements can be replaced easily. An outlet tube is built-in for draining any spilled liquids. A 4-foot long grounded cord is included. Each unit features a fuse that can be easily replaced.

Units are designed for long-term use. Care should be taken to avoid chemical spillage, overheating, overloading, and general misuse to maximize service life. Please refer to the user manual for more information.

Replacement elements and stir bars are sold separately. Call for details.

| Item No. | Mantle Capacity (ml) | Wattage (W) |
|--------------|----------------------|-------------|
| HMS1500-100 | 100 | 150 |
| HMS1500-250 | 250 | 150 |
| HMS1500-500 | 500 | 200 |
| HMS1500-1000 | 1000 | 300 |
| HMS1500-2000 | 2000 | 470 |

Also available in 3, 4 and 5L capacities by special order. Call for details.



Heating Mantles, Combo



HM2000 series combination mantles are ideal for repetitive extracting, refluxing, and distillation applications. Units feature space saving built-in electronic power regulator knobs. Available in 3-place and 6-place configurations for maximum safety and convenience. Each unit includes 1 each stainless horizontal rod, 2 each stainless vertical rods, and either 3 or 6 each rod connecting clamps and extension clamps for holding glassware. 3-place units measure 17.75" L x 7" W x 6.5" H. 6-place unit measures 38.25" L x 7" W x 6.5" H.

Mantles feature polyurethane coated aluminum exterior and high quality knitted mantles with glass fiber underlay for uniform distribution of heat. Maximum operating temperature is 400°C. Mantles can be used in a wide range of ambient temperatures, from about 45°F to 100°F, and relative humidity up to 80%. The units are not waterproof, and are rated as IP code 10 equipment.

Power is controlled (from 0 – 100%) from knobs that are built-into the unit. No need for a separate external power control unit! Mantles are designed to securely hold flasks so that the top half of the flask is easily visible during operation. Elements can be replaced easily. An outlet tube is built-in for draining any spilled liquids. A 4-foot long 3-wire cord is included. Each unit features a fuse that can be easily replaced.

Units are designed for long-term use. Care should be taken to avoid chemical spillage, overheating, overloading, and general misuse to maximize service life. Please refer to the user manual for more information.

Replacement elements are sold separately. Call for details.

| Item No. | Mantle Capacity (ml) | Wattage (W) | Fuse Amp | No. of position of regulator |
|--------------|----------------------|-------------|----------|------------------------------|
| HM3P2000-100 | 100 | 180 | 1 | 3/3 |
| HM3P2000-250 | 250 | 450 | 5 | 3/3 |
| HM3P2000-500 | 500 | 600 | 5 | 3/3 |
| HM6P2000-250 | 250 | 360 | ?? | 6/6 |

Soxhlet Extraction Apparatus with Heating Mantle, Single Station

NEW



This unique set includes matched components to provide a convenient Soxhlet extraction workstation. The setup includes a heating mantle with stirrer, 250ml borosilicate glass boiling flask, 100ml borosilicate glass Soxhlet extractor, 300mm borosilicate glass Allihn condenser with glass connectors, sturdy powder-coated metal support stand with aluminum clamp and stability bracket, and two 48" lengths of rubber tubing with screw connectors.

The heating mantle with stirrer features a polyurethane coated aluminum exterior and a high quality knitted mantle with glass fiber underlay for uniform distribution of heat. Maximum operating temperature is 400°C. Mantle can be used in a wide range of ambient temperatures, from about 45°F to 100°F, and relative humidity up to 80%. The unit is not waterproof, and is rated as IP code 10 equipment. Stirring function operates at speeds of 50 to 750 RPM. Heating and stirring functions are independently controlled by two separate knobs.

Stand measures 20"H x 8"W with a base platform 10.5"D with a 1" lip.

| Item No. | Description |
|-----------|---|
| HMSOX-250 | Soxhlet Apparatus with Heating Mantle, Single Station |

Distillation Apparatus

This complete set features high quality borosilicate glass parts and all hardware necessary for simple distillation experiments.

Contents:

- Round Bottom Flask with Side Tube, 500ml. 1
- Graham Condenser, 300mm. 1
- Erlenmeyer Flask, 250ml. 1
- Glass Stopper 1
- Support Stand (6"X9") with 24" Rod 1
- Swivel Burette Clamp 1
- Extension Clamp 1
- Clamp Holder 1
- Activity Guide 1



| Item No. | Description |
|----------|------------------------|
| DSA001 | Distillation Apparatus |

Filtering Kit

An excellent, faster working, alternative to traditional gravity based liquid filtration. The included Hand Vacuum Pump is also available separately.

Contents:

- Filtering Flask, 500ml. 1
- Buchner Funnel, Porcelain, 90mm 1
- Filter Paper, 90mm dia., pk/100. 1
- Hand Vacuum Pump with Gauge 1
- Rubber Stopper 1
- Vacuum Hose 1
- Activity Guide 1



| Item No. | Description |
|----------|-----------------------|
| FLTKIT | Filtering Kit |
| HVP001 | Hand Vacuum Pump only |

Organic Chemistry Glassware Kit, 9 pieces



This starter set is designed for organic chemistry labs and is suitable for small-scale procedures up to 30g. All of the ground glass components in this set have a joint size of 14/23. Includes a sturdy storage box with foam insert.

Contents:

1. Dropping Funnel (50ml with Rotoflo Stopcock) 1
2. Receiver Delivery Adapter, Long Stem 1
3. Stopper for Dropping Funnel. 1
4. Screw Cap Adapter. 1
5. Air Leak / Steam Inlet Tube. 1
6. Thermometer 1
7. Boiling Flask (50ml) 1
8. Still Head 1
9. Liebig Condenser. 1

| Item No. | Description |
|-----------|---|
| ORGKIT-09 | Organic Chemistry Glassware Kit, 9 pieces |

Parts also available individually - call for details.

Organic Chemistry Glassware Kit, 16 pieces

This deluxe set is designed for organic chemistry labs and is suitable for preparations up to 150g. All glassware is jointed. Includes a sturdy storage box with foam insert.

Contents:

1. Still Head, (socket size 14/23, cone size 19/26) 1
2. Dropping Funnel (100ml) (socket size 19/26, cone size 19/26) . . . 1
3. Thermometer Pocket (cone size 14/23) 1
4. Air Leak / Steam Inlet Tube (cone size 19/26) 1
5. Round Bottom Flask (250ml) (socket size 24/29) 1
6. Erlenmeyer Flask (250ml) (socket size 24/29) 1
7. Reducing Adapter (socket size 19/26, cone size 24/29) 1
8. Round Bottom Flask (100ml) (socket size 24/29) 1
9. Receiver Adapter with Vent (socket size 19/26, cone size 24/29) . . 1
10. Multiple Adapter (socket size 19/26, cone size 24/29) 1
11. Round Bottom Flask (50ml) (socket size 24/29) 1
12. Stopper, (cone size 19/26) 1
13. Stopper, (cone size 19/26) 1
14. Stopper, (cone size 24/29) 1
15. Receiver Delivery Adapter,
Long Stem (socket size 19/26) 1
16. Liebig Condenser (socket size 19/26, cone size 19/26) 1



| Item No. | Description |
|-----------|--|
| ORGKIT-16 | Organic Chemistry Glassware Kit, 16 pieces |

Parts also available individually - call for details.

Kits and Assortments

Glassware Assortment



Quality glassware assortment for use in a laboratory. Shipped in a reusable storage box. Kit includes the following items:

| Contents: | | | |
|--|----|--|-----------|
| Beaker, Glass, 100ml. | 2 | Mortar and Pestle, Porcelain | 1 |
| Beaker, Glass, 250ml. | 1 | Cylinder, Glass, 10ml. | 1 |
| Beaker, Glass, 400ml. | 1 | Cylinder, Glass, 25ml. | 1 |
| Bottles, 4 oz. w/ Screw Caps | 2 | Cylinder, Glass, 50ml. | 1 |
| Burettes, 50ml, Mohr | 2 | Cylinder, Glass, 100ml. | 1 |
| Crucible, Porcelain. | 1 | Test Tubes, 13 x 100mm. | 6 |
| Crucible Cover, Porcelain | 1 | Test Tubes, 18 x 150mm. | 6 |
| Dropper, Pipet (Eye Dropper) | 1 | Test Tubes, 25 x 200mm. | 6 |
| Dropping Bottle, 30ml, Barnes. | 12 | Glass Capillary Tubing | 4 |
| Evaporating Dish, Porcelain | 1 | Flask, Erlenmeyer, 250ml | 1 |
| Funnel, Short Stem, 75mm | 1 | Glass Rod, 8" | 1 |
| Watch Glass, 75mm | 1 | Petri Dish, 100mm | 2 |
| | | Total Pieces | 57 |

| Item No. | Description |
|----------|----------------------|
| GLSKIT1 | Glassware Assortment |

General Lab Glassware Starter Kit

A convenient glassware assortment designed for general laboratory use. Starter kit includes the following:

| Contents: | |
|--|----|
| Beaker, Set of 5. | 1 |
| Beaker Tongs, 9" | 1 |
| Erlenmeyer Flasks, Set of 5 | 1 |
| Cylinder, 10ml, Hex Base. | 1 |
| Cylinder, 25ml, Hex Base. | 1 |
| Cylinder, 100ml, Hex Base. | 1 |
| Media Bottle, 100ml | 1 |
| Media Bottle, 500ml | 1 |
| Test Tube Rack (blue/yellow) with 12 Test Tubes (TT9800-F) and 12 Rubber Stoppers (RST1-S) | 1 |
| Test Tube Clamp, Steel Wire, with Grips. | 1 |
| Glass Rod, 8", pk/12 | 1 |
| Dropping Bottle, 30ml, Barnes, with Dropper Pipets. | 12 |



| Item No. | Description |
|----------|-----------------------------------|
| GLSKIT3 | General Lab Glassware Starter Kit |

Volumetric Glassware Starter Kit



A customized volumetric glassware assortment designed for general laboratory use. Starter kit includes the following:

| Contents: | |
|---|---|
| Burettes, 50ml Straight Bore, PTFE Stopcock | 1 |
| Cylinders, Double Scale, 50ml | 1 |
| Cylinders, Double Scale, 100ml | 1 |
| Flask, Filtering, 500ml | 1 |
| Flask, Volumetric with Snap Cap, 50ml | 1 |
| Flask, Volumetric with Snap Cap, 100ml | 1 |
| Separatory Funnel, Conical, 500ml | 1 |
| Pipettes, Measuring (Mohr Type), Class B, 10ml Capacity x .10ml Graduations, pk/6 | 1 |
| Pipettes, Transfer, Volumetric, 25ml, pk/6. | 1 |

| Item No. | Description |
|----------|----------------------------------|
| GLSKIT4 | Volumetric Glassware Starter Kit |

Chemistry Hardware Assortment



An assortment of hardware most often used in general chemistry labs. Starter kit includes the following:

| Item No. | Description |
|-----------|-------------------------------|
| HRDKIT2-C | Chemistry Hardware Assortment |

Contents:

| | |
|---|---|
| Beaker Tongs | 1 |
| Burette Clamp | 1 |
| Burner Tripod, 3" ring, 9" legs | 1 |
| Clamp, Mohr's Pinchcock | 1 |
| Clamp Holder, Right Angle | 1 |
| Clay Pipe Triangle, 2" | 1 |
| Crucible Tongs, Nickel-plated Steel, 9" | 1 |
| Ring Support with Clamp, 4" | 1 |
| Support Stand with Rod, 5" x 8" / 24" rod | 1 |
| Test Tube Rack, Plastic, holds 6 tubes | 1 |
| Test Tube Clamp | 1 |
| Wire Gauze with Ceramic Center, 5" x 5" | 1 |

Chemistry Labware Kit



A convenient assortment of glassware, plasticware and hardware most commonly used in general chemistry labs. Kit includes the following:

| Item No. | Description |
|----------|-----------------------|
| HRDKIT3 | Chemistry Labware Kit |

Contents:

| | | | |
|--|---|--|---|
| Dropping Bottle, 30ml, Barnes | 2 | Crucible Tongs, Steel, 9" long | 1 |
| Dropping Pipettes, Plastic | 6 | Funnel, Glass, Long Stem, 90mm dia. | 1 |
| Beaker, Glass, 50ml | 1 | Funnel, Plastic, 75mm dia. | 1 |
| Beaker, Glass, 100ml | 1 | Test Tube Clamp, Brass, with Finger Grips | 1 |
| Beaker, Glass, 250ml | 1 | Wire Gauze, 5" x 5", with Ceramic Center | 1 |
| Evaporating Dish, Porcelain, 70mm dia. | 1 | Crucible, Porcelain, 25ml with Lid | 1 |
| Stirring Rods, Glass, 8" | 6 | Watch Glass, 75mm dia. | 1 |
| Erlenmeyer Flask, Glass, 125ml | 1 | Plastic Scoop | 1 |
| Erlenmeyer Flask, Glass, 250ml | 1 | Spatula, stainless, 3" long Blade with Wooden Handle | 1 |
| Test Tubes, Glass, 18 x 150mm | 6 | Rubber Stoppers, Solid | 3 |
| Cylinder, Plastic (PP), 10ml | 1 | Rubber Stoppers, One-hole | 3 |
| Cylinder, Plastic (PP), 50ml | 1 | Rubber Stoppers, Two-hole | 3 |
| Cylinder, Plastic (PP), 100ml | 1 | | |
| Forceps, Stainless, 5" long | 1 | | |

Chemistry Hardware Assortment, Deluxe

NEW



A comprehensive assortment of glassware, plasticware, porcelain and other hardware most commonly used in general chemistry labs. Kit includes the following:

| Item No. | Description |
|----------|---------------------------------------|
| HRDKIT4 | Chemistry Hardware Assortment, Deluxe |

Contents:

| | | | |
|--|---|--|---|
| Beaker, Glass, 100ml | 1 | Rubber Stopper, #2, solid | 1 |
| Beaker, Glass, 250ml. | 1 | Rubber Stopper, #2, one-hole | 1 |
| Beaker, Glass, 400ml. | 1 | Rubber Stopper, #2, two-hole | 1 |
| Beaker, Glass, 1000ml. | 1 | Rubber Stopper, #6, solid | 3 |
| Bottle, Wash, 125ml, Plastic | 1 | Rubber Stopper, #6, one-hole | 3 |
| Clamp, Burette. | 1 | Rubber Stopper, #6, two-hole | 3 |
| Clamp, Mohr's Pinchcock | 1 | Spatula, Stainless Steel. | 1 |
| Crucible with Cover, 10ml | 1 | Test Tube, Glass, 16 x 150mm | 6 |
| Cylinder, Graduated, Glass, 10ml | 1 | Test Tube Brush | 1 |
| Cylinder, Graduated, Glass, 50ml | 1 | Test Tube Clamp. | 1 |
| Cylinder, Graduated, Plastic (PP), 100ml | 1 | Test Tube Rack, 2-tier, wooden. | 1 |
| Evaporating Dish, Porcelain, 35ml | 1 | Tongs, Crucible | 1 |
| Filter Paper, 9cm dia., pk/100 | 1 | Triangle, Clay Pipe. | 1 |
| Flask, Boiling, 100ml | 1 | Tripod Stand, 6" | 1 |
| Flask, Boiling, 250ml | 1 | Stirring Rod, Glass, pk/12 | 1 |
| Flask, Erlenmeyer, Glass, 250ml | 1 | Support Stand, with 18" Rod | 1 |
| Flask, Erlenmeyer, Glass, 500ml | 1 | Support Ring, 3" O.D. with clamp. | 3 |
| Flask, Volumetric, w/stopper, 250ml | 1 | Test Paper, Litmus, Blue | 1 |
| Laboratory Apron | 1 | Test Paper, Litmus, Red | 1 |
| Mortar & Pestle, 90mm. | 1 | Test Paper, Cobalt Chloride. | 1 |
| Rubber Stopper, #1, solid | 6 | Tubing, Glass, Assorted, one pound | 1 |
| Rubber Stopper, #1, one-hole | 1 | Wire Gauze, 5" square | 1 |

Porcelainware Starter Kit



A customized kit that includes our top-selling porcelain products. Starter kit includes the following:

Contents:

| | |
|--|---|
| Crucible, Porcelain, Low Form, 50ml capacity (JCL050) | 1 |
| Crucible, Porcelain, High Form, 50ml capacity (JCT050) | 1 |
| Casserole, Porcelain, 200ml capacity (JPC200) | 1 |
| Mortar and Pestle, 275ml capacity (JMD275) | 1 |
| Evaporating Dish, 80ml capacity (JED080) | 1 |
| Clay Pipe Triangle, 2" (CPT020) | 1 |
| Crucible Tongs, Nickel Plated, Steel, 9" (CTSP09) | 1 |

| Item No. | Description |
|----------|---------------------------|
| PORTKIT2 | Porcelainware Starter Kit |

Plastic Labware Value Set

NEW

Economical, and convenient starter kit or refresher set. Includes an assortment of popular plastic labware items. All items in the set except wash bottles are autoclavable. An excellent value, this set includes 26 labware items in addition to 12 plastic tubes.

Contents:

- Beakers (50, 100, 250, 500 & 1000ml) 5
- Graduated Cylinders (10, 25, 50, 100, 250, 500 1000ml) 7
- Wash Bottles, Unitary, 500ml 4
- Storage Bottles, Square, Wide Mouth, 500ml 6
- Erlenmeyer Flasks, Wide Mouth, with cap, 250ml 3
- Test Tube Rack, with 12 tubes 1



| Item No. | Description |
|----------|---------------------------|
| PLSKIT2 | Plastic Labware Value Set |

Plasticware Starter Kit



A customized plasticware assortment that is designed for general laboratory use. Starter kit includes the following:

Contents:

- Beaker Set of 5 (50, 100,250, 500 & 1000ml) 1
- Graduated Cylinder Set of 4 (10, 25, 50 & 100ml) 1
- Wash Bottle, 250ml 1
- Wash Bottle, 500ml 1
- Reagent Bottle, PP, Narrow Mouth, 250ml 1
- Reagent Bottle, PP, Narrow Mouth, 500ml 1
- Reagent Bottle, PP, Wide Mouth, 250ml 1
- Reagent Bottle, PP, Wide Mouth, 500ml 1
- Measuring Jug, 500ml 1
- Measuring Jug, 1000ml 1

| Item No. | Description |
|----------|-------------------------|
| PLSKIT1 | Plasticware Starter Kit |

Economy Plasticware Kit

An affordable assortment of some of most commonly used plastic labware items. Kit consists of 20 items shipped in a plastic storage box.

Contents:

- Beaker, 100ml 1
- Beaker, 250ml. 1
- Graduated Cylinder, 10ml 1
- Graduated Cylinder, 100ml 1
- Funnel, 65mm top diameter 1
- Drop Dispenser Bottle 1
- Reagent Bottle 4
- Wash Bottle. 1
- Plastic Test Tubes 3
- Pipettes 6



| Item No. | Description |
|----------|-------------------------|
| PLKIT20 | Economy Plasticware Kit |



Laboratory Coats

Knee-length lab coats made of easy care white cotton blend fabric (65% polyester, 35% cotton). Our coats feature one upper left breast pocket, two roomy lower pockets, side pocket slit openings, and a sewn-down back belt.

| Item No. | Description |
|----------------|--|
| MEN: | |
| LCMXS1 | Men's Lab Coat, Extra Small, size 34 |
| LCMS01 | Men's Lab Coat, Small, size 36 |
| LCMM01 | Men's Lab Coat, Medium, size 40 |
| LCML01 | Men's Lab Coat, Large, size 44 |
| LCMXL1 | Men's Lab Coat, Extra Large, size 48 |
| LCMXXL1 | Men's Lab Coat, Double Extra Large, size 50 |
| LCM3XL1 | Men's Lab Coat, Triple Extra Large, size 52 |
| WOMEN*: | |
| LCLS01 | Women's Lab Coat, Small, size 4-6 |
| LCLM01 | Women's Lab Coat, Medium, size 8-10 |
| LCLL01 | Women's Lab Coat, Large, size 12-14 |
| LCLXL1 | Women's Lab Coat, Extra Large, size 16-18 |
| LCLXXL1 | Women's Lab Coat, Double Extra Large, size 20-22 |

* Women's sizes correspond to women's dress sizes.

Tie-dyed Laboratory Coats

Featuring a vibrant tie-dyed pattern, these knee length coats are made of easy care 100% cotton. Coats feature one upper left breast pocket, two roomy lower pockets, side slit openings, and a sewn-down back belt.

| Item No. | Description |
|----------|---------------------------------------|
| LBCTSM | Tie-dyed Lab Coat, Small |
| LBCTMD | Tie-dyed Lab Coat, Medium |
| LBCTLG | Tie-dyed Lab Coat, Large |
| LBCTXL | Tie-dyed Lab Coat, Extra Large |
| LBCT2XL | Tie-dyed Lab Coat, Double Extra Large |



Laboratory Aprons



These aprons are made of a chemical resistant PVC-coated fabric which stays flexible. There is reinforcement at the points of strain. Aprons include cloth ties at the neck and waist.

| Item No. | Description |
|----------|----------------------|
| LBAP01 | Lab Apron, 36" x 27" |
| LBAP02 | Lab Apron, 42" x 27" |
| LBAP03 | Lab Apron, 42" x 36" |
| LBAP04 | Lab Apron, 46" x 36" |

Plastic Tripod Magnifier

10x magnification glass lens in plastic screw-thread holder is mounted on a metal tripod base.



| Item No. | Description |
|----------|-------------------------------|
| TRP10X | Plastic Tripod Magnifier, 10x |

Brass Tripod Magnifier

10x magnification glass lens in brass holder is mounted on a tripod brass base.



| Item No. | Description |
|----------|-----------------------------|
| TRPBR1 | Brass Tripod Magnifier, 10x |

Giant Folding Magnifier

This magnifier offers an extra-large field of view, hands-free use, and folds down to a compact size for storage. The 10cm lens provides 6x magnification.

| Item No. | Description |
|----------|-----------------------------|
| MGFL6X | Giant Folding Magnifier, 6x |



Folding Magnifiers

Folding magnifiers in plastic cases. Glass lenses are 25mm in diameter with 5x magnification. Single magnifier includes one lens. Double magnifier includes two lenses for 10x magnification. Triple magnifier includes three lenses for 15x magnification.



| Item No. | Description |
|----------|-------------------------------|
| MPS010 | Single Folding Magnifier, 5x |
| MPD010 | Double Folding Magnifier, 10x |
| MPT010 | Triple Folding Magnifier, 15x |

Pocket Loupe

Compact pocket loupe, in a sturdy folding metal case. 10x magnification.

| Item No. | Description |
|----------|------------------------------|
| MFC010 | Magnifier, Pocket Loupe, 10x |



Measurement

Precision Measuring Set



This measuring set contains four high quality instruments housed in a sturdy plastic storage case. Includes instructions.

Contents:

- Micrometer Caliper, 0 - 25mm x 0.01mm1
- Knife Edge Square, 90°, 100mm x 70mm1
- Vernier Caliper, 150mm x 0.02mm1
- Ruler, Steel, 15cm x 0.5mm.1

| Item No. | Description |
|----------|-------------------------|
| PMSET04 | Precision Measuring Set |

Dial Vernier Calipers

This precision measuring tool is made of hardened steel for long-term durability. It has a range of 0 to 150mm and a large, easy-to-read dial with a resolution of 0.02mm. A storage case and instructions are included.



| Item No. | Description |
|----------|-----------------------|
| VCDT06 | Dial Vernier Calipers |

Digital Vernier Calipers



This advanced measuring tool is accurate to 0.001"/ 0.01mm and measures in both metric and English units. Range is 6"/150mm. It has a bright LCD display and easy access push buttons. A durable plastic storage case with instructions is included.

| Item No. | Description |
|----------|--------------------------|
| VCD001 | Digital Vernier Calipers |

Deluxe Micrometer

This micrometer is made of hardened steel for precision and durability. Its range is 0 - 25mm and it has a precision rotary scale with a resolution of 0.01mm, a ratchet thimble and a locking lever. Instructions are included.



| Item No. | Description |
|----------|-------------------|
| MCRDLX | Deluxe Micrometer |

Tape Measure, 7.5 Meter



This 7.5 meter (25 foot) metal blade tape measure is 1" wide and is scaled in 1/16" increments on one side and 1mm increments on the other side. Features an easy to read lockable, retractable yellow blade and high-impact ABS case.

| Item No. | Description |
|----------|-------------------------|
| TPM025 | Tape Measure, 7.5 Meter |

Microscope Slides, Glass, Plain

Pre-cleaned slides are 75mm x 25mm, 1.0mm to 1.2mm thick, and are packaged in boxes of 72. Made of quality sheet glass, with ground edges.



| Item No. | Description |
|----------|---------------------------------------|
| MSL3X1 | Plain Slides, 75mm x 25mm, pack of 72 |

Microscope Slides, Glass, Plain, Rounded Corners

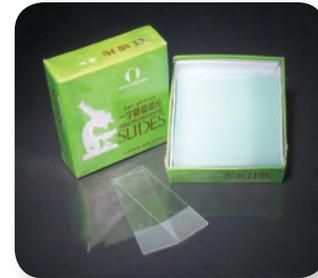


Pre-cleaned slides with rounded corners are 75mm x 25mm, 1.0mm to 1.2mm thick, and are packaged in boxes of 72. Made of quality sheet glass, with ground edges.

| Item No. | Description |
|----------|--|
| MSL3X1RC | Plain Slides, 75mm x 25mm, Rounded Corners, pack of 72 |

Microscope Slides, Glass, Frosted Ends

Pre-cleaned slides with one frosted end are 75mm x 25mm, 1.3mm thick, and are packaged in boxes of 72. Made of quality sheet glass, with ground edges. Frosted end is designed for easy marking and organization of slides.



| Item No. | Description |
|----------|---|
| MSLF01 | Frosted Slides, 75mm x 25mm, pack of 72 |

Concavity Slides, Glass



Pre-cleaned slides with concavities are 75mm x 25mm, 1.3mm thick, and are packaged in boxes of 12. Spherical concavities are approximately 16mm in diameter and 0.8mm deep. Available with single, double, or triple concavities. Made of quality sheet glass, with ground edges.

| Item No. | Description |
|----------|--|
| CS3X11 | Concavity Slides, 75mm x 25mm, 1 Concavity, pack of 12 |
| CS3X12 | Concavity Slides, 75mm x 25mm, 2 Concavities, pack of 12 |
| CS3X13 | Concavity Slides, 75mm x 25mm, 3 Concavities, pack of 12 |

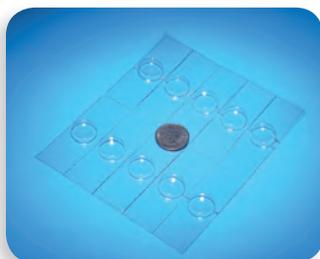
Concavity Slides, Glass, Thick

Pre-cleaned slides with deep concavities are 75mm x 25mm, 3mm thick, and are packaged in boxes of 12. Spherical concavities are approximately 16mm in diameter and 0.8mm deep. Available with single, double, or triple concavities. Made of quality sheet glass, with ground edges.



| Item No. | Description |
|----------|--|
| CSTK01 | Thick Concavity Slides, 75mm x 25mm, 1 Concavity, pack of 12 |
| CSTK02 | Thick Concavity Slides, 75mm x 25mm, 2 Concavities, pack of 12 |
| CSTK03 | Thick Concavity Slides, 75mm x 25mm, 3 Concavities, pack of 12 |

Plastic Well Slides



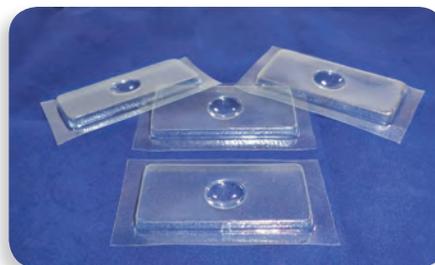
Reusable plastic well slides measure 3" x 1" and are constructed of clear plastic. The well is approximately 16mm diameter with a depth of 2 to 3mm. Supplied as sheets of 10.

| Item No. | Description |
|----------|---------------------------------|
| CSPL10 | Plastic Well Slides, pack of 10 |

Plastic Well Slides, Large

Clear plastic slides measure 3" x 1" and feature raised edges designed to be easily gripped by a mechanical stage. The well is approximately 16mm in diameter with a depth of 2 to 3mm. Supplied in packs of 10.

| Item No. | Description |
|----------|--|
| CSPLG1 | Plastic Well Slides, Large, pack of 10 |



Glass Coverslips



Pre-cleaned coverslips are made of quality, non-corrosive glass and packaged in 1 oz. boxes. The 22 x 22mm sized coverslips are available in thickness #1 or #2. The #1 thickness ranges from 0.13 to 0.17mm. The #2 thickness ranges from 0.18 to 0.25mm. A 1 oz. package includes more than 100 coverslips.

| Item No. | Description |
|------------|---|
| SCSS18-1oz | #1 Glass Coverslips, 18mm X 18mm, 1 oz. |
| SCSS22-1oz | #1 Glass Coverslips, 22mm X 22mm, 1 oz. |
| SCSP02 | #2 Glass Coverslips, 22mm X 22mm, 1 oz. |

All microscope slides and coverslips can be packaged per your specifications. Please call for details.

Coplin Staining Jar, PP, Domed Cap

Coplin staining jar with domed cap is made of polypropylene and can hold 10 slides (3" x 1") back to back. The interior is grooved to hold the slides in an upright position. Jar features domed and shallow thread screw cap. Autoclavable.

| Item No. | Places | Height (mm) | Quantity per pack |
|----------|--------|-------------|-------------------|
| 62101 | 10 | 112 | 12 |



Coplin Staining Jar, PP, Flat Cap



Coplin staining jar with flat cap is made of polypropylene and can hold 10 slides (3" x 1") back to back. The interior is grooved to hold the slides in an upright position. Flat cap features large milled edge for easy hand grip and has a built-in plug seal. Autoclavable.

| Item No. | Places | Height (mm) | Quantity per pack |
|----------|--------|-------------|-------------------|
| P90101 | 10 | 114 | 12 |

Microscope Slide Tray, Polystyrene NEW

Microscope slide storage tray designed for 20 each 3" x 1" slides. A unique stepped cutout design simplifies removal of slides and is designed to avoid direct contact of prepared slides with the tray surface. Polystyrene trays nest within each other. White color provides good contrast for viewing dyes and stains. Measures 11.25" W x 7.5" D x .75" H.



| Item No. | Description |
|----------|---|
| 62301 | Microscope Slide Tray, Polystyrene, pack of 6 |

Slide Storage Boxes, Wooden



Strong wooden frame, with hinged cover. Slides fit into numbered beveled slots. Printed index lines the cover.

| Item No. | Places | L x W x H (mm) | Quantity per pack |
|----------|--------|----------------|-------------------|
| WSB025 | 25 | 128 x 106 x 35 | 1 |
| WSB050 | 50 | 252 x 107 x 35 | 1 |
| WSB100 | 100 | 252 x 194 x 35 | 1 |

Slide Storage Boxes, Plastic

Sturdy two-piece molded polystyrene slide boxes hold standard 3" x 1" microscope slides. The bottom section has numbers engraved for easy reference, and the inside of the lid carries a numbered slide index. Slide box of 10 (SBP010) features a hinged design.



| Item No. | Picture | Places | L x W x H (mm) | Quantity per pack |
|----------|---------|--------|----------------|-------------------|
| SBP010 | A | 10 | 96 x 83 x 23 | 12 |
| SBP025 | B | 25 | 122 x 92 x 32 | 12 |
| SBP050 | C | 50 | 230 x 96 x 32 | 12 |
| SBP100 | D | 100 | 230 x 184 x 32 | 6 |

Slide Storage Boxes, Hinged, Plastic



Plastic (ABS) boxes with hinged lids hold standard 3" x 1" microscope slides. Bottoms are lined with cork and a printed index is mounted inside the lid.

| Item No. | Places | L x W x H (mm) | Quantity per pack |
|----------|--------|----------------|-------------------|
| P90103 | 25 | 95 x 82 x 32 | 12 |
| P90104 | 50 | 199 x 82 x 32 | 6 |
| P90105 | 100 | 192 x 162 x 32 | 6 |

Slide Storage Rack with Clear Lid, Plastic

Plastic (ABS) slide storage box features a removable slide tray with 100 numbered slots that hold one or two slides each. Clear hinged lid allows easy view of labels. Slides can be stored vertically with the labels up for easy identification or bar code reading. Measures 3" W x 9" D x 3-1/2" H. Non-autoclavable.



| Item No. | Description | Quantity per pack |
|----------|--|-------------------|
| 62501 | Slide Storage Rack with Clear Lid, Plastic | 1 |

Microscope Slide Mailers, PP



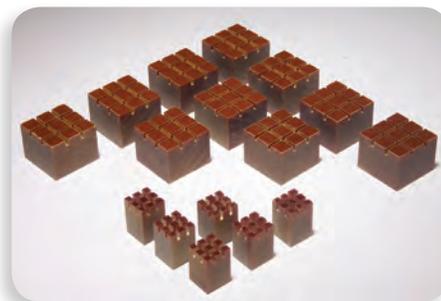
These white polypropylene slide mailers include hinged covers and molded-in dividers to securely hold 3" x 1" microscope slides. Available in four different capacities (1, 2, 5 and 10 slides).

| Item No. | Description | Quantity per pack |
|----------|-----------------------------|-------------------|
| 62100 | Slide Mailer, PP, 1 Slide | 25 |
| 62102 | Slide Mailer, PP, 2 Slides | 25 |
| 62103 | Slide Mailer, PP, 5 Slides | 25 |
| 62111 | Slide Mailer, PP, 10 Slides | 25 |

Embedding Blocks

Used for celloidin or paraffin sections, these embedding blocks are made of phenolic resin, which can be marked with a glass marking pencil. Top surface has 1/32" deep grid to provide a firm hold for embedded specimen. Blocks are 3/4" high.

| Item No. | L x W x H (inches) | Quantity per pack |
|----------|--------------------|-------------------|
| EB0001 | 1/2" x 1/2" x 3/4" | 10 |
| EB0002 | 5/8" x 5/8" x 3/4" | 10 |
| EB0003 | 3/4" x 3/4" x 3/4" | 10 |
| EB0004 | 1" x 1" x 3/4" | 10 |



Inoculating Loops, Metal



Our inoculating loop features an 8" long solid brass handle with an insulated grip. The non-calibrated 26 gauge nickel-chromium wire loop is approximately 8mm in diameter.

Also available as a set of four, with color-coded handles for easy identification.

| Item No. | Description |
|-------------|----------------------------|
| INL703 | Inoculating Loop |
| INL703-PK/4 | Inoculating Loop, set of 4 |

Inoculating Loops, Plastic

Disposable economical plastic inoculating loops for use when flame sterilization is not needed. Overall length is 8.75". Sterilized and packed in a sealed plastic bag.

| Item No. | Capacity (µl) | Color | Quantity per pack |
|----------|---------------|-------|-------------------|
| K1020 | 10 | Blue | 30 |
| K1021 | 1 | White | 30 |



Hand Tally Counter



Bright plastic case makes this hand tally counter lightweight yet sturdy. The counter advances by 1 with each click, up to a maximum of 9999. Turn the side knob to return the reading to zero. Use for general counting applications such as bacterial colonies.

| Item No. | Description |
|----------|--------------------|
| HTCP01 | Hand Tally Counter |

Mortar & Pestle Sets, Agate Stone

Octagonal mortar and pestle sets feature highly polished grinding surfaces. Made of naturally hard agate stone (6.5 on Moh's Scale). For use in laboratories demanding contamination-free results. Physical dimensions have a tolerance of +/- 3mm. Note that the natural agate material causes surface pattern variations in finished mortars and pestles.



| Item No. | Mortar Top O.D. (mm) | Capacity (ml) | Mortar Height (mm) | Pestle Length (mm) | Quantity per pack |
|----------|----------------------|---------------|--------------------|--------------------|-------------------|
| MPA015 | 38 | 5 | 25 | 38 | 1 |
| MPA020 | 65 | 10 | 28 | 50 | 1 |
| MPA030 | 76 | 25 | 34 | 76 | 1 |
| MPA035 | 89 | 50 | 38 | 88 | 1 |
| MPA040 | 102 | 75 | 41 | 101 | 1 |
| MPA060 | 152 | 250 | 65 | 152 | 1 |

Mortar and Pestle Sets, Deep Form, Porcelain



Deep form mortars with lips are glazed on the outside (except for the bottom) and unglazed inside. Oversized pestles are glazed to grinding surface.

| Item No. | Capacity (ml) | Mortar Height (mm) | Pestle Length (mm) | Quantity per pack |
|----------|---------------|--------------------|--------------------|-------------------|
| JMD050 | 50 | 47 | 95 | 1 |
| JMD070 | 70 | 52 | 115 | 1 |
| JMD150 | 150 | 70 | 135 | 1 |
| JMD275 | 275 | 70 | 160 | 1 |
| JMD400 | 400 | 80 | 185 | 1 |
| JMD750 | 750 | 110 | 200 | 1 |
| JMD1900 | 1900 | 130 | 222 | 1 |

Safety Goggles Box, Acrylic

Store goggles, glasses, or other small lab products using this clear acrylic box. It can be used on a desktop or can be mounted on a wall. Includes a lid to keep the box free of dust or contamination. Available in two sizes.

| Item No. | L x W x H (cm) | Size | Quantity per pack |
|----------|----------------|-------|-------------------|
| P70106 | 23 x 16 x 18 | Small | 1 |
| P70107 | 23 x 16 x 25 | Large | 1 |



Parafilm M® Dispenser, Acrylic

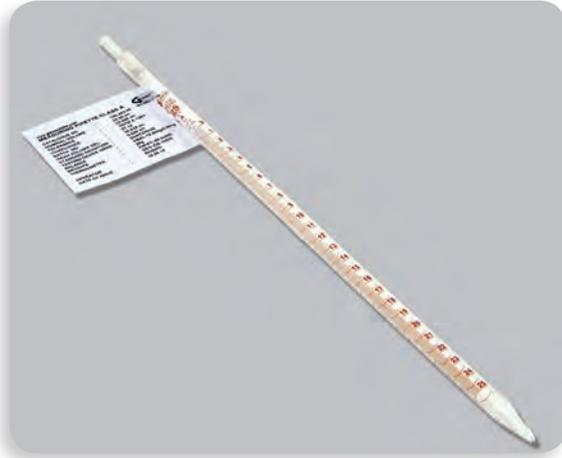


Durable acrylic dispenser is ideal for storing, dispensing and cutting Parafilm M® tape and labels. Holds 2" or 4" rolls and includes a sharp, serrated blade for easy cutting. Lid opens for quick loading of rolls. Parafilm M not included.

| Item No. | Capacity (inch) | L x W x H (mm) | Quantity per pack |
|----------|-----------------|-----------------|-------------------|
| P70401 | 2 and 4 | 180 x 120 x 160 | 1 |

Pipettes, Measuring (Mohr), Class A, Batch Certified

These pipettes are made from borosilicate glass in compliance with ASTM specification E1293. Color-coded. Batch certified. Calibrated to deliver. Printed with durable amber markings.



| Item No. | Capacity (ml) | Graduation Interval (ml) | Tolerance (ml) | Color Code | Quantity per pack |
|----------|---------------|--------------------------|----------------|------------|-------------------|
| PM7059-A | 0.1 | 0.01 | ± 0.006 | White | 5 |
| PM7059-B | 0.2 | 0.01 | ± 0.006 | Black | 5 |
| PM7059-D | 1 | 0.10 | ± 0.010 | Red | 5 |
| PM7059-F | 2 | 0.10 | ± 0.010 | Green | 5 |
| PM7059-H | 5 | 0.10 | ± 0.020 | Blue | 5 |
| PM7059-I | 10 | 0.10 | ± 0.030 | Orange | 5 |
| PM7059-J | 25 | 0.10 | ± 0.050 | White | 5 |

Pipettes, Measuring (Mohr), Class A, Individually Certified

These pipettes are made from borosilicate glass in compliance with ASTM specification E1293. Color-coded. Individually serialized and certified. Calibrated to deliver. Printed with durable amber markings.

| Item No. | Capacity (ml) | Graduation Interval (ml) | Tolerance (ml) | Color Code | Quantity per pack |
|----------|---------------|--------------------------|----------------|------------|-------------------|
| PM7058-A | 0.1 | 0.01 | ± 0.006 | White | 5 |
| PM7058-B | 0.2 | 0.01 | ± 0.006 | Black | 5 |
| PM7058-D | 1 | 0.10 | ± 0.010 | Red | 5 |
| PM7058-F | 2 | 0.10 | ± 0.010 | Green | 5 |
| PM7058-H | 5 | 0.10 | ± 0.020 | Blue | 5 |
| PM7058-I | 10 | 0.10 | ± 0.030 | Orange | 5 |
| PM7058-J | 25 | 0.10 | ± 0.050 | White | 5 |



Pipettes, Measuring (Mohr), Class B

These pipettes are made from borosilicate glass in compliance with ASTM specification E1293 for Class B pipettes. Color-coded. Calibrated to deliver. Printed with durable amber markings.



| Item No. | Capacity (ml) | Graduation Interval (ml) | Tolerance | Color Code | Quantity per pack |
|----------|---------------|--------------------------|-----------|------------|-------------------|
| PM7060-A | 0.1 | 0.01 | ± 0.005 | White | 6 |
| PM7060-B | 0.2 | 0.01 | ± 0.008 | Black | 6 |
| PM7060-C | 1.0 | 0.01 | ± 0.020 | Yellow | 6 |
| PM7060-D | 1.0 | 0.1 | ± 0.020 | Red | 6 |
| PM7060-F | 2.0 | 0.1 | ± 0.020 | Green | 6 |
| PM7060-H | 5.0 | 0.1 | ± 0.040 | Blue | 6 |
| PM7060-I | 10.0 | 0.1 | ± 0.060 | Orange | 6 |
| PM7060-J | 25.0 | 0.1 | ± 0.100 | White | 6 |

Pipettes, Transfer, Volumetric, Class A, Batch Certified

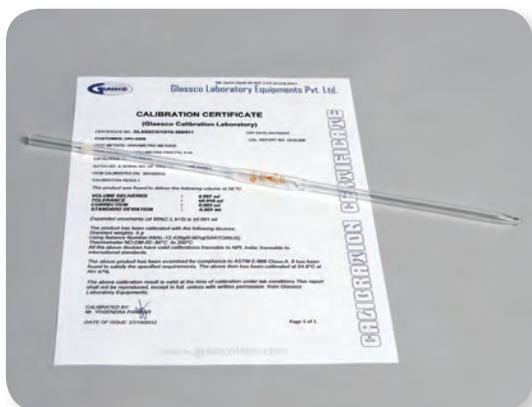
These pipettes are made from borosilicate glass in compliance with ASTM specification E969. Color-coded. Batch certified. Calibrated to deliver. Printed with durable amber markings.

| Item No. | Capacity (ml) | Tolerance (ml) | Color | Quantity per pack |
|----------|---------------|----------------|--------|-------------------|
| PT7101-A | 1 | ± 0.006 | Blue | 5 |
| PT7101-B | 2 | ± 0.006 | Orange | 5 |
| PT7101-C | 5 | ± 0.010 | White | 5 |
| PT7101-D | 10 | ± 0.020 | Red | 5 |
| PT7101-E | 20 | ± 0.030 | Yellow | 5 |
| PT7101-F | 25 | ± 0.030 | Blue | 5 |
| PT7101-G | 50 | ± 0.050 | Red | 5 |
| PT7101-H | 100 | ± 0.080 | Yellow | 5 |



Pipettes, Transfer, Volumetric, Class A, Individually Certified

These pipettes are made from borosilicate glass in compliance with ASTM specification E969. Color-coded. Individually serialized and certified. Calibrated to deliver. Printed with durable amber markings.



| Item No. | Capacity (ml) | Tolerance (ml) | Color | Quantity per pack |
|----------|---------------|----------------|--------|-------------------|
| PT7100-A | 1 | ± 0.006 | Blue | 5 |
| PT7100-B | 2 | ± 0.006 | Orange | 5 |
| PT7100-C | 5 | ± 0.010 | White | 5 |
| PT7100-D | 10 | ± 0.020 | Red | 5 |
| PT7100-E | 20 | ± 0.030 | Yellow | 5 |
| PT7100-F | 25 | ± 0.030 | Blue | 5 |
| PT7100-G | 50 | ± 0.050 | Red | 5 |
| PT7100-H | 100 | ± 0.080 | Yellow | 5 |

Pipettes, Transfer, Volumetric, Class B

These pipettes are made from borosilicate glass in compliance with ASTM specification E969 for Class B pipettes. Color-coded. Calibrated to deliver. Printed with durable amber markings.

| Item No. | Capacity (ml) | Tolerance (ml) | Color | Quantity per pack |
|----------|---------------|----------------|--------|-------------------|
| PT7102-A | 1 | ± 0.012 | Blue | 6 |
| PT7102-B | 2 | ± 0.012 | Orange | 6 |
| PT7102-C | 5 | ± 0.020 | White | 6 |
| PT7102-D | 10 | ± 0.040 | Red | 6 |
| PT7102-E | 20 | ± 0.060 | Yellow | 6 |
| PT7102-F | 25 | ± 0.060 | Blue | 6 |
| PT7102-G | 50 | ± 0.100 | Red | 6 |
| PT7102-H | 100 | ± 0.160 | Yellow | 6 |



Pipettes

Pipettes, Serological, Class A, Batch Certified



These Type 3 serological pipettes are made from borosilicate glass and comply with USP standards. Color-coded. Batch certified. Calibrated to deliver. Printed with durable amber markings.

| Item No. | Capacity (ml) | Graduation Interval (ml) | Tolerance (ml) | Color Code | Quantity per pack |
|----------|---------------|--------------------------|----------------|------------|-------------------|
| PS7079-A | 0.1 | 0.01 | ± 0.006 | White | 5 |
| PS7079-B | 0.2 | 0.01 | ± 0.006 | Black | 5 |
| PS7079-D | 1 | 0.10 | ± 0.010 | Red | 5 |
| PS7079-F | 2 | 0.10 | ± 0.010 | Green | 5 |
| PS7079-H | 5 | 0.10 | ± 0.020 | Blue | 5 |
| PS7079-I | 10 | 0.10 | ± 0.030 | Orange | 5 |
| PS7079-J | 25 | 0.10 | ± 0.050 | White | 5 |

Pipettes, Serological, Class A, Individually Certified

These Type 3 serological pipettes are made from borosilicate glass and comply with USP standards. Color-coded. Individually serialized and certified. Calibrated to deliver. Printed with durable amber markings.

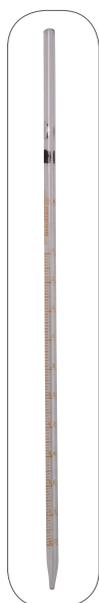
| Item No. | Capacity (ml) | Graduation Interval (ml) | Tolerance (ml) | Color Code | Quantity per pack |
|----------|---------------|--------------------------|----------------|------------|-------------------|
| PS7078-A | 0.1 | 0.01 | ± 0.006 | White | 5 |
| PS7078-B | 0.2 | 0.01 | ± 0.006 | Black | 5 |
| PS7078-D | 1 | 0.10 | ± 0.010 | Red | 5 |
| PS7078-F | 2 | 0.10 | ± 0.010 | Green | 5 |
| PS7078-H | 5 | 0.10 | ± 0.020 | Blue | 5 |
| PS7078-I | 10 | 0.10 | ± 0.030 | Orange | 5 |
| PS7078-J | 25 | 0.10 | ± 0.050 | White | 5 |



Pipettes, Serological, Accuracy as per Class B

These Type 3 serological pipettes are made from borosilicate glass and comply with USP standards. Color-coded. Calibrated to deliver. Printed with durable amber markings.

| Item No. | Capacity (ml) | Graduation Interval (ml) | Tolerance (ml) | Color Code | Quantity per pack |
|----------|---------------|--------------------------|----------------|------------|-------------------|
| PS7080-A | 0.1 | 0.01 | ± 0.005 | White | 6 |
| PS7080-B | 0.2 | 0.01 | ± 0.008 | Black | 6 |
| PS7080-C | 1.0 | 0.01 | ± 0.020 | Yellow | 6 |
| PS7080-D | 1.0 | 0.1 | ± 0.020 | Red | 6 |
| PS7080-F | 2.0 | 0.1 | ± 0.020 | Green | 6 |
| PS7080-H | 5.0 | 0.1 | ± 0.040 | Blue | 6 |
| PS7080-I | 10.0 | 0.1 | ± 0.060 | Orange | 6 |
| PS7080-J | 25.0 | 0.1 | ± 0.100 | White | 6 |



Pipette Filling Device

Fill any standard pipette using this efficient and reliable electronic instrument. It is designed for ease and comfort to suit various types of liquid handling needs in laboratories.

Features include LED charging indicators, adjustable pump speed, comfort grip and multiple housing color combinations. A universal silicon collet is provided to accept all standard pipettes up to 100ml. Internal knurlings on the collet hold the pipette firmly.

An in-line membrane filter (0.2 micron filter included) prevents aerosol contamination and prevents liquid from entering the equipment by accident.

Ni-MH 3.6V batteries are used in combination with a low power consumption circuit and vacuum/pressure pump. This allows for eight hours of continuous operation. Each device includes a battery charger that plugs into a standard wall outlet.

| Item No. | Description |
|----------------------|----------------------------------|
| PFD001 | Pipette Filling Device |
| PFDS01 | Stand for Pipette Filling Device |
| Replacement Filters: | |
| MPF-20-pk/5 | Replacement filters 0.2 μ m |
| MPF-45-pk/5 | Replacement filters 0.45 μ m |



Pipette Filling Device can be private-labeled. Please call for details.



MPF-20-pk/5



MPF-45-pk/5



PFDS01



Adjustable Pump Speed:
Control knob allows easy adjustment of pump speed, even while the unit is operating.



Status Indicator LEDs:
Red LED indicates low charge and green LED indicates that battery is charged.



Comfortable Grip:
Ergonomic handle is designed for extended use.



Universal Collet:
A universal silicon collet with internal knurlings firmly holds all standard pipettes up to 100ml.

Pipette Pumps



Good quality pipettors designed for easy and precise pipetting. Pumps feature a lever for quick release, and forward or backward wheel movement. The soft elastic chuck has a threaded collar to tightly grip glass or plastic pipettes. Easy to clean.

| Item No. | Capacity (ml) | Color | Quantity per pack |
|----------|---------------|-------|-------------------|
| PPMP02 | 2 | Blue | 12 |
| PPMP10 | 10 | Green | 12 |
| PPMP25 | 25 | Red | 12 |

Pipettes

Variable Volume Fully Autoclavable Micropipettes

Our Variable Volume Micropipettes feature built-in tip ejectors and autoclavable tip cones. They are offered in nine volume ranges, as detailed below. They work on a click stop digital system, are easy to calibrate and maintain, and easy to disassemble for autoclaving. Manufactured in an ISO 9001:2008 certified facility, these pipettes are highly accurate. Each pipette is individually calibrated according to ISO 8655 standards. A calibration certificate is provided with each pipette.



| Item No. | Volume Range | Increment (µl) | Volume (µl) | Accuracy (± %) | Precision (≤ %) | Compatible Tips |
|-----------|--------------|----------------|-------------|----------------|-----------------|-----------------|
| PRV-2 | 0.2-2.0 µl | 0.01 | 0.2 | 12.0 | 6.0 | 20 µl |
| | | | 1.0 | 2.5 | 1.5 | T20UL-N |
| | | | 2.0 | 1.5 | 0.7 | |
| PRV-10 | 0.5-10 µl | 0.1 | 0.5 | 5.0 | 2.8 | 200 µl |
| | | | 5.0 | 1.5 | 0.8 | T200UL-N |
| | | | 10.0 | 1.0 | 0.4 | |
| PRV-20 | 2-20 µl | 0.1 | 2.0 | 5.0 | 1.5 | 200 µl |
| | | | 10.0 | 1.0 | 0.6 | T200UL-N |
| | | | 20.0 | 1.0 | 0.3 | |
| PRV-50 | 5-50 µl | 1.0 | 5.0 | 2.5 | 1.5 | 200 µl |
| | | | 25.0 | 0.7 | 0.3 | T200UL-N |
| | | | 50.0 | 0.7 | 0.3 | |
| PRV-100 | 10-100 µl | 1.0 | 10.0 | 2.5 | 0.7 | 200 µl |
| | | | 50.0 | 0.8 | 0.3 | T200UL-N |
| | | | 100.0 | 0.8 | 0.15 | |
| PRV-200 | 20-200 µl | 1.0 | 20.0 | 2.5 | 0.7 | 200 µl |
| | | | 100.0 | 1.0 | 0.3 | T200UL-N |
| | | | 200.0 | 0.6 | 0.2 | |
| PRV-1000 | 100-1000 µl | 10.0 | 100.0 | 1.6 | 0.3 | 1000 µl |
| | | | 500.0 | 0.6 | 0.2 | T1000UL-N |
| | | | 1000.0 | 0.5 | 0.2 | |
| PRV-5000 | 0.5-5 ml | 100.0 | 500.0 | 1.5 | 0.3 | 5 ml |
| | | | 2500.0 | 0.6 | 0.2 | T5ML-N |
| | | | 5000.0 | 0.6 | 0.2 | |
| PRV-10000 | 2-10 ml | 100.0 | 1000.0 | 1.5 | 0.3 | 10 ml |
| | | | 5000.0 | 0.6 | 0.2 | T10ML-N |
| | | | 10000.0 | 0.6 | 0.2 | |



Easy Volume Adjustment:
Easy volume adjustment by simply turning the plunger. Plunger does not snag gloves.



Volume Setting:
Soft click sound at every increment ensures perfect volume setting and no accidental volume change. It also facilitates single handed operation.



Digital Display:
Four-digit display with subdivisions provides small volume increments.



Large Grip:
Specially designed large grip is provided for comfort during frequent use.



Tip Ejector:
Built-in streamlined tip ejector facilitates easy tip ejection and access to narrow necked bottles and tubes.



User Adjustment:
Re-calibration can be performed.



Color Coding:
Different volume range micropipette dials are color-coded for easy identification.

Micropipettes can be private labeled with your name and logo. Fixed Volume Micropipettes can also be special ordered. Please call for details.



Pipettes

Multichannel Fully Autoclavable Micropipettes

Our Multichannel micropipettes are recommended for a wide variety of applications such as ELISA, molecular screening, kinetic studies, and DNA amplifications. Available in 8-channel and 12-channel options.

Our Variable Volume Micropipettes feature built-in tip ejectors and autoclavable tip cones. They work on a click stop digital system, are easy to calibrate and maintain, and easy to disassemble for autoclaving. Manufactured in an ISO 9001:2008 certified facility, these pipettes are highly accurate. Each pipette is individually calibrated according to ISO 8655 standards and includes a calibration certificate.

| 8-Channel Item No. | 12-Channel Item No. | Volume Range | Increment (µl) | Volume (µl) | Accuracy (± %) | Precision (± %) | Compatible Tips |
|--------------------|---------------------|--------------|----------------|-------------|----------------|-----------------|-----------------|
| PMC8-10 | PMC12-10 | 0.5-10 µl | 0.1 | 1.0 | 4.00 | 4.00 | 200 µl |
| | | | | 5.0 | 2.50 | 2.50 | T200UL-N |
| | | | | 10.0 | 1.50 | 1.50 | |
| PMC8-20 | PMC12-20 | 2-20 µl | 0.1 | 2.0 | 4.00 | 4.00 | 200 µl |
| | | | | 10.0 | 1.50 | 1.50 | T200UL-N |
| | | | | 20.0 | 1.50 | 1.00 | |
| PMC8-50 | PMC12-50 | 5-50 µl | 1.0 | 5.0 | 3.00 | 2.00 | 200 µl |
| | | | | 25.0 | 1.50 | 1.00 | T200UL-N |
| | | | | 50.0 | 0.50 | 0.50 | |
| PMC8-100 | PMC12-100 | 10-100 µl | 1.0 | 10.0 | 3.00 | 1.50 | 200 µl |
| | | | | 50.0 | 1.00 | 0.50 | T200UL-N |
| | | | | 100.0 | 1.00 | 0.50 | |
| PMC8-200 | PMC12-200 | 20-200 µl | 1.0 | 20.0 | 2.00 | 0.80 | 200 µl |
| | | | | 100.0 | 1.00 | 0.50 | T200UL-N |
| | | | | 200.0 | 0.70 | 0.25 | |
| PMC8-300 | PMC12-300 | 40-300 µl | 1.0 | 40.0 | 2.00 | 0.80 | 1000 µl |
| | | | | 150.0 | 1.00 | 0.50 | T1000UL-N |
| | | | | 300.0 | 0.70 | 0.25 | |



8-Channel Micropipette



Operation Flexibility:
Lower housing can be rotated 360° for flexibility during operation.



Easy Tip Ejection:
Remove tips easily with specially designed sequential tip ejector.



Pipette Holder:
Each micropipette includes a holder for easy, efficient and safe storage.



Soft Grip and Ergonomics:
Comfortable body design and soft grip reduce user fatigue.



Tip Ejection Knob:
Thoughtful placement and design allows easy single handed tip ejection.



12-Channel Micropipette

Pipettes

Pipette Starter Kit



This custom kit contains three pipettes, plus accessories, at an economical price.

Contents:

- Variable Volume Micropipette, 2-20 μ l (PVV-20) 1
- Variable Volume Micropipette, 2-200 μ l (PVV-20) 1
- Variable Volume Micropipette, 100-1000 μ l (PVV-1000) 1
- Replacement Micropipette Tips, 200 μ l, pk/1000 (T200UL-Y) 1
- Replacement Micropipette Tips, 1000 μ l, pk/500 (T1000UL-B) 1
- A guide to pipetting 1

| Item No. | Description |
|----------|---------------------|
| PVVKIT | Pipette Starter Kit |

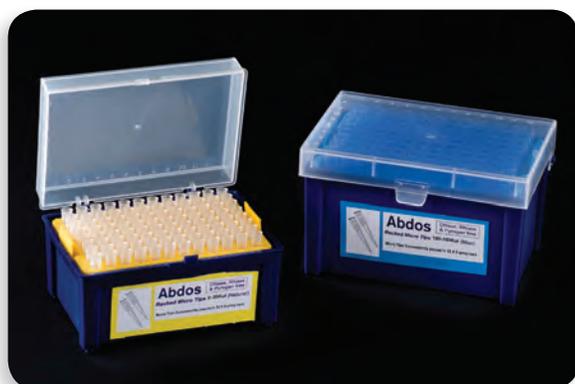
Micropipette Stand, Modular, PP

Ideal for holding a micropipette conveniently at a workstation, this polypropylene stand is designed for easy access. The modular shape enables multiple stands to be joined together, so micropipettes of various capacities can be stored as a group.

| Item No. | Description |
|----------|---------------------------------|
| MPSM01 | Micropipette Stand, Modular, PP |



Racked Micro Tips, Sterile, PP



Sterile tips are packaged in racks of 96 with 10 racks in each case.

Manufactured in a precision molding facility from 100% virgin polypropylene, United micropipette tips are DNase, RNase and Pyrogen free. The highly smooth surface is hydrophobic to provide low liquid retention, increased accuracy and repeatability. Inner radial rings enable an airtight grip on the tip cone. Autoclavable at 121°C and 15 psi for 30 minutes.

| Item No. | Capacity (μ l) | Color | Quantity per case |
|----------|---------------------|---------|-----------------------------|
| P10117 | 0.5 -10 Sterile | Natural | 10 racks x 96 pcs (960 pcs) |
| P10111 | 2 - 200 Sterile | Yellow | 10 racks x 96 pcs (960 pcs) |
| P10148 | 2- 200 Sterile | Natural | 10 racks x 96 pcs (960 pcs) |
| P10113 | 100 - 1000 Sterile | Blue | 10 racks x 96 pcs (960 pcs) |



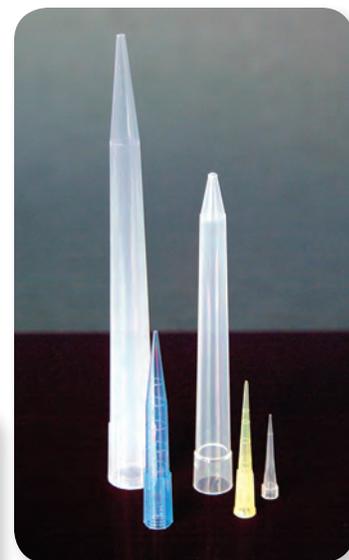
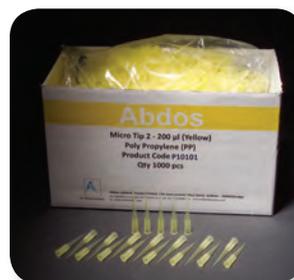
Pipettes

Micropipette Tips, PP

Manufactured in a precision molding facility from 100% virgin polypropylene, United micropipette tips are DNase, RNase and Pyrogen free. The highly smooth surface is hydrophobic to provide low liquid retention, increased accuracy and repeatability. Inner radial rings enable an airtight grip on the tip cone. Autoclavable at 121°C and 15 psi for 30 minutes.

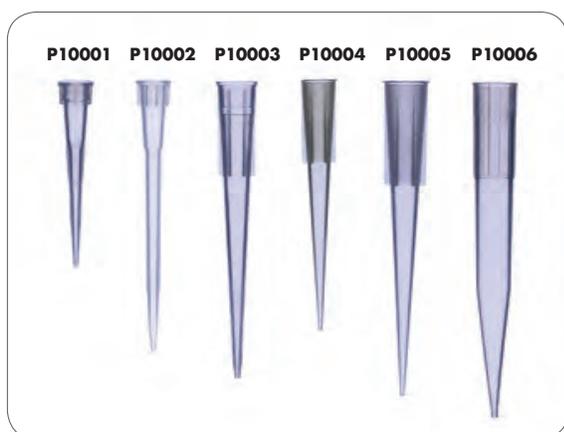
United tips are compatible with many leading brands of pipettes, such as Eppendorf, Gilson, and Rainin. Please call for a complete list of compatible micropipette models.

| Item No. | Tip Size | Description / Color | Quantity per pack |
|-----------|----------|---------------------|-------------------|
| T10UL-N | 10 µl | Natural | 1,000 |
| T20UL-N | 20 µl | Natural | 1,000 |
| T200UL-Y | 200 µl | Yellow | 1,000 |
| T200UL-N | 200 µl | Natural | 1,000 |
| T1000UL-B | 1000 µl | Blue | 500 |
| T1000UL-N | 1000 µl | Natural | 500 |
| T5ML-N | 5 ml | Natural | 500 |
| T10ML-N | 10 ml | Natural | 400 |



NEW

Micropipette Tips, Low Retention, PP



Use these tips to reduce sample retention for precision. Retention level is 10 times lesser with viscous samples than standard pipette tips. Highly homogenous surface is free of defects, preventing non-specific binding. Manufactured from ultrapure USP Class VI certified, virgin polypropylene. DNase, RNase and Pyrogen free.

| Item No. | Tip Size | Color | Quantity per pack |
|----------|-------------------------------------|---------|-------------------|
| P10001 | 0.2 - 10 µl Graduated | Natural | 1,000 |
| P10002 | 0.2 - 10 µl Extended, Graduated | Natural | 1,000 |
| P10003 | 2 - 200 µl, Bevelled, Graduated | Natural | 1,000 |
| P10004 | 2 - 200 µl, Ultra Point Tip Orifice | Natural | 1,000 |
| P10005 | 2 - 300 µl Graduated | Natural | 1,000 |
| P10006 | 100 - 1000 µl | Natural | 500 |

Empty Micro Tip Boxes, PP

Empty micro tip boxes contain 96 tip holes, spaced uniformly so they can be used with a multi-channel micropipette. Includes a transparent top cover. Autoclavable.

| Item No. | Tip Capacity (µl) | Places | L x W x H (mm) | Quantity per pack |
|----------|-------------------|--------|----------------|-------------------|
| P20102 | 2-200 | 96 | 126 x 93 x 70 | 6 |
| P20103 | 200-1000 | 96 | 143 x 100 x 88 | 6 |



Mini Pipettes



These mini pipettes include a two step plunger that facilitates super blow-out from the tip (last drop dispensing), resulting in very high accuracy and precision. This allows the mini pipette to be used for reverse pipetting and repetitive pipetting.

The tip cone of the 5µl, 10µl, and 20µl mini pipettes is designed to accept both standard 200µl tips or ultra micro tips up to 20µl. Use of ultra micro tips for volumes up to 20µl enhances accuracy and precision. Can be used for reverse pipetting and repetitive pipetting.

These pipettes provide an optimum length of 130mm for user comfort during pipetting, and are fully autoclavable at 121°C, 15 psi for 10 to 15 minutes. Plungers are color coded for different volumes for easy identification in the lab.

| Item No. | Capacity (µl) | Accuracy (± %) | Precision (± %) | Compatible Tips | Color |
|----------|---------------|----------------|-----------------|-----------------|-------------|
| PMP005 | 5 | 1.5 | 1.0 | T200UL-N | Dark Green |
| PMP010 | 10 | 1.0 | 1.0 | T200UL-N | Pink |
| PMP020 | 20 | 0.5 | 0.5 | T200UL-N | Green |
| PMP025 | 25 | 0.5 | 0.5 | T200UL-N | Purple |
| PMP050 | 50 | 0.4 | 0.3 | T200UL-N | Gray |
| PMP100 | 100 | 0.3 | 0.3 | T200UL-N | Brown |
| PMP200 | 200 | 0.5 | 0.5 | T200UL-N | Yellow |
| PMP250 | 250 | 0.5 | 0.5 | T1000UL-N | Light Green |
| PMP500 | 500 | 0.5 | 0.5 | T1000UL-N | Blue |
| PMP1000 | 1000 | 0.5 | 0.5 | T1000UL-N | Black |



Color Coding:

Different volume range mini pipette plungers are color-coded for easy identification.



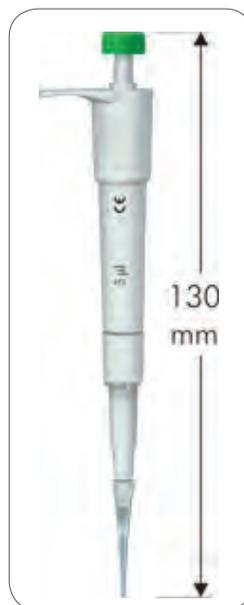
Optimum Shape:

Unique design can be held like a micropipette, not a syringe!



Two-step Plunger:

Two-step plunger operation facilitates super blow-out from the tip (last drop dispensing), resulting in very high accuracy and precision.



Optimum Size:

130mm length was chosen to provide comfort for all users.



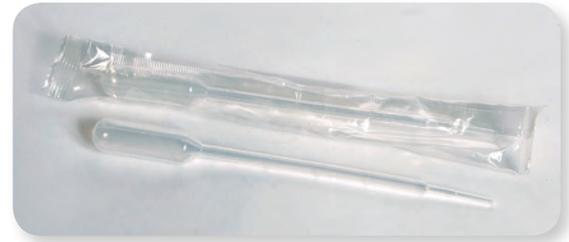
Unique Tip Cone

Designed to accept both regular 200µl tips or ultra micro tips up to 20µl.

Pasteur Pipettes, LDPE

Non-toxic all-in-one pipettes are molded from unbreakable translucent low-density polyethylene. Can be sealed and refrigerated. Available in sterile and non-sterile versions. Sterile pipettes are individually wrapped.

| Item No. | Capacity (ml) | Length (mm) | Quantity per pack |
|----------|---------------|-------------|-------------------|
| P31201 | 1.0 | 150 | 500 |
| P31202 | 1.0 (Sterile) | 150 | 500 |
| P31205 | 3.0 | 155 | 500 |
| P31206 | 3.0 (Sterile) | 155 | 500 |



Reagent Reservoir, PP



For use with micropipettes. Total capacity of 75ml. Includes graduation marks at 10, 30 and 60ml levels. Autoclavable. Sold as a pack of 12.

| Item No. | Description |
|----------|-----------------------------------|
| 79121 | Reagent Reservoir, PP, pack of 12 |

Reversible Reagent Reservoir, PP

This versatile polypropylene reservoir is useful for single and multichannel micropipettes. Positioned one way, it provides a 50ml reservoir for use with a single channel micropipette. Flipped over, it provides a numbered reservoir with eight separate 5ml reagent channels, and a numbered reservoir with twelve separate 5ml reagent channels. Autoclavable. Sold as a pack of 6.

| Item No. | Description |
|----------|---|
| 79131 | Reversible Reagent Reservoir, PP, pack of 6 |



Instrument Trays, PP



Handy for storage and sterilization of instruments, these durable polypropylene trays include covers that fit snugly into grooves molded into the trays. Available in two sizes: the smaller size can be used to sterilize small instruments, and the large size allows pipettes to be fully immersed in disinfectant before sterilization. Autoclavable.

| Item No. | Description | Quantity per pack |
|----------|------------------------------------|-------------------|
| 81736 | Instrument Tray, 22cm x 15cm x 7cm | 2 |
| 81737 | Instrument Tray, 45cm x 15cm x 7cm | 2 |

Pipette Stand, Rotary, 94-Place, PP



Molded in polypropylene, this non-corrosive pipette stand holds up to 94 pipettes and can be rotated for convenient selection of any pipette. Central vertical axis measures 19" in height. The lower rotating disc measures 9" in diameter and has four concentric troughs that align with the upper disc. This stand can be easily disassembled and reassembled.

| Item No. | Description | Quantity per pack |
|----------|-------------------------------------|-------------------|
| 79103 | Pipette Stand, Rotary, 94-Place, PP | 1 |

Pipette Stand, Vertical, 28-Place, PP

Polypropylene, non-corrosive pipette stand can hold up to 28 pipettes. The heavy base is 9" in diameter and the polypropylene coated square rod is 15" high. The top disc has holes for supporting the pipettes while the lower disc has pilot holes where pipette tips rest and liquids can drain down to the base. Distance between the discs can be adjusted to accommodate various pipette lengths.

| Item No. | Description | Quantity per pack |
|----------|---------------------------------------|-------------------|
| 79102 | Pipette Stand, Vertical, 28-Place, PP | 1 |



Pipette Stand, Horizontal, 12-Place, PP



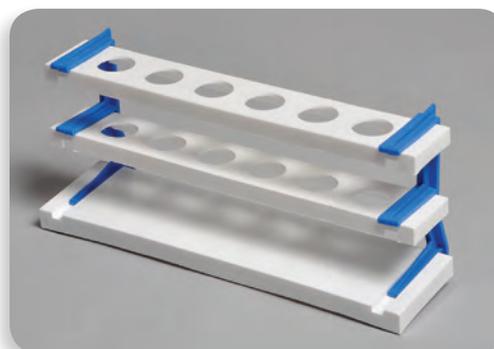
Polypropylene pipette stand can hold up to 12 pipettes in a horizontal position. Autoclavable. Stand is constructed with three polypropylene coated metal rods for extra weight and stability. Can be easily disassembled and reassembled.

| Item No. | Description | Quantity per pack |
|----------|---|-------------------|
| 79101 | Pipette Stand, Horizontal, 12-Place, PP | 6 |

Nessler Cylinder Racks, 6-Tube, PP

Polypropylene rack is designed to hold six Nessler cylinders. Flat lower deck is white to provide a reflective surface. Chemical and corrosion resistant rack can be autoclaved at 121°C (250°F).

| Item No. | Description |
|----------|---|
| 76101 | Nessler Cylinder Rack for 50ml cylinders, PP |
| 76102 | Nessler Cylinder Rack for 100ml cylinders, PP |



Test Tube Rack, Cube, PP

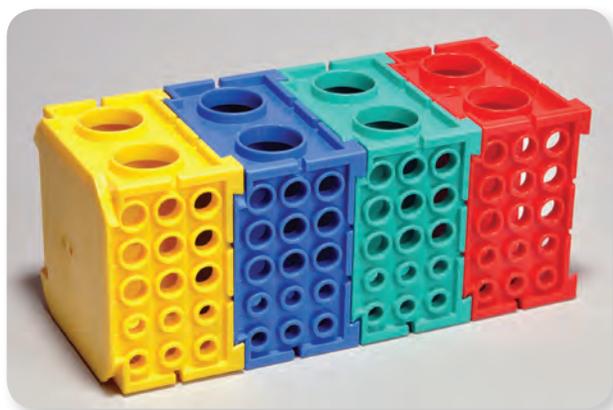
A sturdy one-piece molded polypropylene rack. All four sides can be used interchangeably for 12mm through 25mm diameter tubes. Rack features a total of 88 spaces on its four sides.

| Tube Diameter | Number per unit |
|---------------|-----------------|
| 50ml Tubes | 8 |
| 20ml Tubes | 20 |
| 15ml Tubes | 24 |
| 12ml Tubes | 40 |

| Item No. | Description |
|----------|----------------------------------|
| 76001 | Plastic Test Tube Rack, Cube, PP |



Rotator Workstation, PP



Organize various sized tubes using the Rotator workstation. Racks can be joined together using the unique rotate and lock design. Add as many racks as you need. Racks can withstand temperatures of -80°C to 121°C and are autoclavable. Built-in ridges enable easy drainage of liquids.

Rotator workstations hold the following products:

| Tube Diameter | Number per unit |
|--|----------------------------|
| 50 ml Centrifuge Tubes | 2 per unit |
| 15 ml Centrifuge Tubes | 8 per unit |
| 1.5ml or 2.0ml Microcentrifuge Tubes | 9 per unit |
| 0.5ml Microcentrifuge Tubes | 6 per unit |
| PCR plates (unskirted or semi-skirted 96 well) | 1 per 2 units put together |
| PCR 8-tube strips | 6 per unit |
| PCR 12-tube strips | 8 per 2 unit |
| PCR 0.2ml tubes | 48 per unit |

| Item No. | L x W x H (mm) | Quantity per pack |
|----------|----------------|--|
| P20208 | 108 x 68 x 108 | 4 (one each Blue, Green, Yellow and Red) |

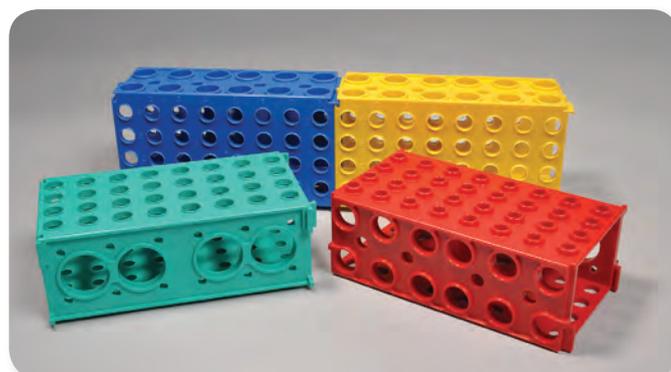
Multi Combination Racks, PP

Organize various sized tubes and vials. Racks can withstand temperatures of -80°C to 121°C and are autoclavable.

Multi Combination Racks hold the following products:

| Tube Diameter | Number per unit |
|--|-----------------|
| 50 ml Centrifuge Tubes | 4 per unit |
| 15 ml Centrifuge Tubes | 12 per unit |
| 1.5ml or 2.0ml Microcentrifuge Tubes | 32 per unit |
| 0.5ml Microcentrifuge Tubes | 32 per unit |
| RIA Vial / Plastic Test Tube 12 x 75mm | 32 per unit |

| Item No. | L x W x H (mm) | Quantity per pack |
|----------|----------------|--|
| P20209 | 175 x 90 x 65 | 4 (one each Blue, Green, Yellow and Red) |



Racks

Test Tube Rack Set, Plastic Tubes



This set contains twelve 15ml screw top graduated plastic tubes and a brightly colored two tiered polypropylene test tube rack.

| Item No. | Description |
|----------|--|
| TTRSET-P | Test Tube Rack with 15ml Plastic Tubes |

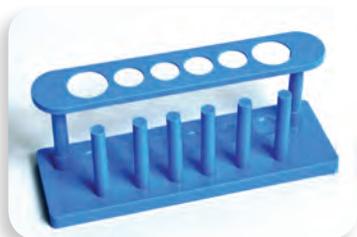
Test Tube Rack Set, Glass Tubes

This set contains twelve 24ml glass test tubes with rubber stoppers, and a brightly colored two tiered polypropylene test tube rack.

| Item No. | Description |
|----------|--|
| TTRSET | Test Tube Rack with 24ml Glass Tubes and Rubber Stoppers |



Test Tube Rack, Plastic, 6-Tube



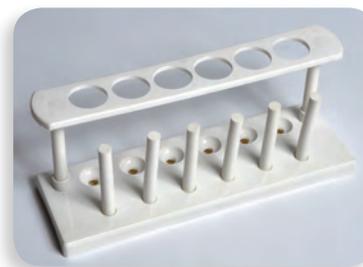
This polyethylene rack will hold six test tubes, and has six drying pins. Sides are fully open for clear viewing. Rack has two 30mm and four 20mm holes, and is pre-assembled.

| Item No. | Description |
|----------|---------------------------------|
| TTHP01 | Test Tube Rack, Plastic, 6-Tube |

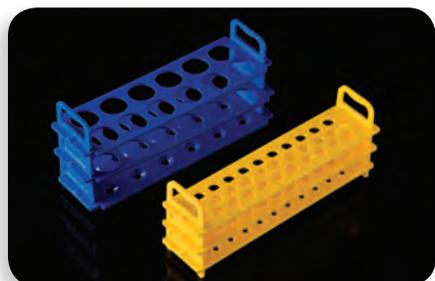
Test Tube Rack, Plastic, 6-Tube, Unassembled

This polyethylene rack will hold six test tubes, and has six drying pins. Sides are fully open for clear viewing. Rack has six 25mm holes and requires assembly.

| Item No. | Description |
|----------|--|
| TTHP02 | Test Tube Rack, Plastic, 6-Tube, Unassembled |



Test Tube Racks, PC



Polycarbonate racks feature ergonomic design for easy handling. Provides good chemical resistance. Autoclavable and withstands temperatures from -135° to 135°C. Includes molded-in numbers and letters for easy identification of test tubes.

Additional sizes are available. Please call for details.

| Item No. | Tubes (mm) | Places | Color | L x W x H (mm) | Qty per pack |
|----------|------------|--------|--------|----------------|--------------|
| P20708B | 16 | 31 | Blue | 275 x 65 x 110 | 4 |
| P20708W | 16 | 31 | White | 275 x 65 x 110 | 4 |
| P20708Y | 16 | 31 | Yellow | 275 x 65 x 110 | 4 |

Test Tube Racks, Wet/Dry, PP

Economical yet very durable racks that are submersible, autoclavable, and easily stack when empty. Made from a special blend of polypropylene (PP) that makes them sink in a water bath and maintain their stability even in agitated water. The top tier features an alpha-numeric grid reference. Available in white, but can be special ordered in various colors.



Wet/Dry racks can be custom-molded in other colors. Call for details.

| Item No. | For tubes up to / No. of places | Quantity per pack |
|----------|---------------------------------|-------------------|
| 77901 | 13mm / 90 tubes | 6 |
| 77902 | 16mm / 60 tubes | 6 |
| 77903 | 20mm / 40 tubes | 6 |
| 77904 | 25mm / 24 tubes | 6 |
| 77905 | 30mm / 21 tubes | 6 |

Test Tube Rack, 12-Tube, Unassembled, PP



Sturdy polypropylene rack will hold 12 test tubes up to 20mm in diameter. Easy to assemble, and chemical resistant.

| Item No. | Description |
|----------|--|
| TTHP03 | Test Tube Rack, 12-Tube, Unassembled, PP |

Test Tube Racks, One-Piece, PP

One-piece molded racks have a three-tier grid design. Polypropylene construction provides good chemical and thermal resistance. Autoclavable. Racks feature a 3/4" x 2-3/4" labeling area on two sides. Open design allows easy viewing of contents from all sides.

Available in sizes that hold 13mm or 16mm tubes. Both racks feature a 6 x 6 array of holes.



| Item No. | For tubes up to / No. of places | Quantity per pack |
|----------|---------------------------------|-------------------|
| 77906 | 13mm / 36 tubes | 4 |
| 77907 | 16mm / 36 tubes | 4 |

Test Tube Racks, PP, 3-Tier

Polypropylene racks with a three-tier design provide a clear view of the tube contents and convenient insertion and removal of tubes.



77707



77714



77718



77712

| Item No. | For tubes up to / No. of places | Quantity per pack |
|----------|---------------------------------|-------------------|
| 77706 | 13mm / 31 tubes | 2 |
| 77707 | 16mm / 31 tubes | 2 |
| 77708 | 20mm / 20 tubes | 2 |
| 77709 | 25mm / 12 tubes | 2 |
| 77710 | 25mm / 18 tubes | 2 |
| 77711 | 32mm / 12 tubes | 2 |
| 77712 | 25mm / 36 tubes | 2 |
| 77714 | 13mm / 18 tubes | 4 |
| 77715 | 15mm / 18 tubes | 4 |
| 77716 | 18mm / 12 tubes | 4 |
| 77717 | 13mm / 62 tubes | 2 |
| 77718 | 16mm / 62 tubes | 2 |
| 77719 | 20mm / 40 tubes | 2 |

NEW



Test Tube Rack, Stainless Steel

Sturdy Z-shaped rack made from a single sheet of heavy gauge 304 stainless steel. Rack features 25 wells in five rows, for tubes up to 16mm in diameter. Polished, smooth surface facilitates easy cleaning and labeling.

| Item No. | Description |
|----------|---------------------------------|
| TTRSS25 | Test Tube Rack, Stainless Steel |

Test Tube Rack, Wire, Epoxy-Coated

Heavy wire test tube rack includes a durable epoxy coating. Holds up to 36 tubes.

| Item No. | Description |
|----------|------------------------------------|
| TTWE01 | Test Tube Rack, Wire, Epoxy-Coated |



Test Tube Rack, 6-Tube, Wooden



Six 25mm holes, six drying pins, with a 1/2" thick base. Solid hardwood construction. Polished to minimize damage from spills.

| Item No. | Description |
|----------|--------------------------------|
| TTHW01 | Test Tube Rack, Wooden, 6-Tube |

Test Tube Rack, 12-Tube, Wooden

Twelve 25mm holes, twelve drying pins, with a 1/2" thick base. Solid hardwood construction. Polished to minimize damage from spills.

| Item No. | Description |
|----------|---------------------------------|
| TTHW03 | Test Tube Rack, Wooden, 12-Tube |



Test Tube Rack, 13-Tube, Wooden

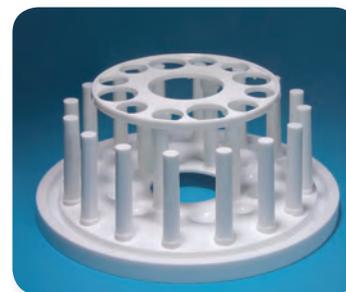
Two-tier rack with thirteen 25mm holes, and six drying pins. Solid hardwood construction. Polished to minimize damage from spills.

| Item No. | Description |
|----------|---------------------------------|
| TTHW04 | Test Tube Rack, 13-Tube, Wooden |



Test Tube Rack, Round, 12-Tube, PP

This circular 12 place polypropylene test tube stand has four 25mm diameter holes and eight 19mm diameter holes. The base has matching wells and 16 drying pins surrounded by a trough to catch drippings. Pre-assembled.



| Item No. | Description |
|----------|------------------------------------|
| 77704 | Test Tube Rack, Round, 12-Tube, PP |

Test Tube Rack, Round, 24-Tube, Plastic



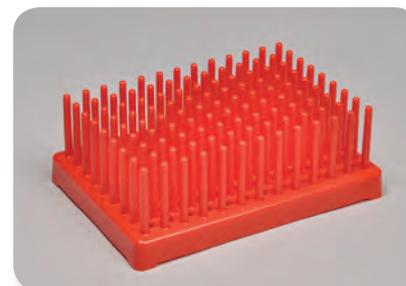
Good quality round test tube rack will hold 24 tubes up to 20mm in diameter. Solid high-impact plastic construction. Rack is 145mm in diameter and 70mm high, and features a perforated bottom. Shipped pre-assembled.

| Item No. | Description |
|----------|---|
| TTHP05 | Test Tube Rack, Round, 24-Tube, Plastic |

Test Tube Drying Racks, PP

These polypropylene racks can conveniently hold inverted tubes for drying and to minimize collection of airborne contaminants. Racks can also be used to hold and dry electrophoresis and chromatography plates. Autoclavable.

The 96 place rack features an 8 x 12 array of pegs that hold tubes up to 13mm in diameter. The 50 place rack features a 5 x 10 array of pegs that hold tubes up to 16mm in diameter.



| Item No. | Description | Quantity per pack |
|----------|--------------------------------|-------------------|
| 77851 | 96 places for up to 13mm tubes | 6 |
| 77852 | 50 places for up to 16mm tubes | 6 |

Drying / Draining Rack



The ABS plastic draining rack provides an excellent option for post-wash draining of tubes and bottles. Rack stands 20" tall x 14" wide. The back plate has 20 holes into which 5" pegs are tightened with the help of screw-nuts. Also includes two holes so the rack can be mounted on a wall. The bottom of the rack features a wastewater tray and drain.

| Item No. | Description | Quantity per pack |
|----------|----------------------------------|-------------------|
| 81741 | Drying / Draining Rack, 20 Place | 1 |

Spatulas, Stainless Steel with Wooden Handles

Flexible stainless steel blade with rounded end, mounted in a polished wood handle.



| Item No. | Description |
|----------|--------------------------------------|
| SSSW03 | Spatula with Wooden Handle, 3" Blade |
| SSSW04 | Spatula with Wooden Handle, 4" Blade |
| SSSW05 | Spatula with Wooden Handle, 5" Blade |
| SSSW06 | Spatula with Wooden Handle, 6" Blade |
| SSSW08 | Spatula with Wooden Handle, 8" Blade |

Spatulas, Stainless Steel

Stainless steel spatulas, available in various styles and sizes.

| Item No. | Description | Quantity per pack |
|----------|--|-------------------|
| SSFB04 | Spatula, 4" (10cm) long, one end flat, one end bent | 10 |
| SSFB06 | Spatula, 6" (15cm) long, one end flat, one end bent | 10 |
| SSFB08 | Spatula, 8" (20cm) long, one end flat, one end bent | 10 |
| SSFF05 | Spatula, 5" (12.5cm) long, both ends flat | 10 |
| SSFF08 | Spatula, 8" (20cm) long, both ends flat | 10 |
| SSFT06 | Spatula, 6" (15cm) long, one end flat, one end tapered | 10 |

Nickel spatulas are also available.
Please call for details.



Spatulas, Stainless Steel, Flat and Spoon

Stainless steel spatulas with one flat end and one spoon end.



| Item No. | Description | Quantity per pack |
|----------|--|-------------------|
| SSSP04 | Spatula, One Flat End, One Spoon End, 4" (10cm) long | 10 |
| SSSP06 | Spatula, One Flat End, One Spoon End, 6" (15cm) long | 10 |
| SSSP08 | Spatula, One Flat End, One Spoon End, 8" (20cm) long | 10 |

Spatulas, Stainless Steel, Both Ends Flat

Stainless steel spatulas with both ends flat.

| Item No. | Description | Quantity per pack |
|----------|---|-------------------|
| SSSS04 | Spatula, Both Ends Flat, 4" (10cm) long | 10 |
| SSSS06 | Spatula, Both Ends Flat, 6" (15cm) long | 10 |
| SSSS08 | Spatula, Both Ends Flat, 8" (20cm) long | 10 |



Micro Spatula, Stainless Steel

Stainless steel micro spatula, 8" (20cm) long, one end flat and one end pointed.



| Item No. | Description |
|----------|--------------------------------|
| SSFT08 | Micro Spatula, Stainless Steel |

Spatulas, Set of 6

Set of six of our most popular spoons and spatulas for the laboratory. Includes one each: SSSW04 (4" blade stainless steel spatula mounted on a hardwood handle), 81301 (6" polypropylene spatula, one end flat, one end spoon), SSFB06 (6" stainless steel spatula, one end bent, one end flat), SSSP06 (6" stainless steel spatula, one end flat, one end spoon), SSSS06 (6" stainless steel spatula, both ends flat), and SSFT06 (6" stainless steel spatula, one end flat, one end tapered).



| Item No. | Description |
|----------|--------------------|
| SPATST6 | Spatulas, Set of 6 |

Micro Spoon, Stainless Steel with Plastic Handle



Stainless steel micro spoon has an overall length of 16.5cm (6.5"), with one end round and one end plastic-coated for easy grip.

| Item No. | Description |
|----------|--|
| SSPP07 | Micro Spoon, Stainless Steel with Plastic Handle |

Micro Spoon, Stainless Steel

Stainless steel micro spoon has an overall length of 23.5cm (9.25"), with one end spoon and one end flat.



| Item No. | Description |
|----------|------------------------------|
| SSFS09 | Micro Spoon, Stainless Steel |

Spatulas, PP, Flat and Spoon



Molded in polypropylene, spatulas feature a spoon on one side. Available in 6" or 8" lengths.

| Item No. | Description | Quantity per pack |
|----------|--------------------------------------|-------------------|
| 81301 | Spatula, PP, Flat and Spoon, 6" long | 12 |
| 81302 | Spatula, PP, Flat and Spoon, 8" long | 12 |

Policeman / Spatula, PP

Multi-purpose tool made from polypropylene can be used as a stirrer or spatula. Measures 9.5" long with a diameter of 1/4".

| Item No. | Description | Quantity per pack |
|----------|-------------------------|-------------------|
| 81411 | Policeman / Spatula, PP | 12 |



Spatula, Porcelain



Glazed porcelain spatula, with one long flat end, features a knob on the other end for easy grip. Measures 8" (20cm) long.

| Item No. | Description | Quantity per pack |
|----------|--------------------|-------------------|
| JST001 | Spatula, Porcelain | 1 |

Spatulas with Spoons, Porcelain

Glazed porcelain spatula with one flat end and one spoon end.

| Item No. | Length (mm) | Capacity (ml) | Quantity per pack |
|----------|-------------|---------------|-------------------|
| JSS001 | 100 | 0.1 | 1 |
| JSS003 | 125 | 0.3 | 1 |
| JSS005 | 165 | 0.5 | 1 |
| JSS010 | 198 | 1.2 | 1 |
| JSS060 | 260 | 5.5 | 1 |



Laboratory Scoop, Stainless Steel



Stainless steel scoop with one pointed end for handling small amounts of chemicals. Length 6-1/2" (16.5cm). Also available with 5" long hardwood handle.

| Item No. | Description |
|----------|--|
| LSCSS6 | Laboratory Scoop, Stainless Steel |
| LSHND1 | Hardwood Handle for Laboratory Scoop |
| LSCSET | Laboratory Scoop and Hardwood Handle Set |

Laboratory Scoops with Handles, Stainless Steel

These laboratory scoops are made from high quality stainless steel and are available in two sizes: 5 oz. and 52 oz.

| Item No. | Description |
|----------|---|
| SCPSM05 | Laboratory Scoop with Handle, Stainless Steel, 5 oz. |
| SCPLG52 | Laboratory Scoop with Handle, Stainless Steel, 52 oz. |



NEW

NEW

Laboratory Scoops, PP



These sturdy polypropylene scoops are available in a variety of sizes and as a complete set of seven scoops. Capacities are molded into the top of each scoop for easy reference. The PP material is autoclavable and will not rust or corrode.

| Item No. | Capacity (ml) | Quantity per pack |
|----------|------------------------------------|-------------------|
| 81253 | 10 | 12 |
| 81254 | 25 | 12 |
| 81255 | 50 | 12 |
| 81256 | 100 | 12 |
| 81257 | 250 | 12 |
| 81258 | 500 | 6 |
| 81259 | 1000 | 6 |
| 81260 | Set of 7 Scoops (one of each size) | |



Spot / Well Plates

Spot Plate, 12 Cavity, Plastic

These economical white polystyrene plates have 12 depressions and are suitable for most applications where glass or porcelain plates are used. They are not recommended for strong solvents such as acetone or xylene. Each plate measures 112 x 92mm. Sold as a pack of 12.



| Item No. | Description | Quantity per pack |
|----------|--------------------------------|-------------------|
| SPPL12 | Spot Plate, 12 Cavity, Plastic | 12 |

Spot Plates, Porcelain

Color-reaction or spot plates, glazed except for bottom surface.



| Item No. | Number of Wells | Length (mm) | Width (mm) | Quantity per pack |
|----------|-----------------|-------------|------------|-------------------|
| JSC003 | 3 | 90 | 29 | 1 |
| JSC006 | 6 | 94 | 62 | 1 |
| JSC012 | 12 | 115 | 88 | 1 |
| JSC030 | 30 | 177 | 137 | 1 |

Well Plates, Clear Plastic

Clear polystyrene plate features deep uniform wells and include lids. Each well has an alpha-numeric marking. Non-sterile plates are individually wrapped in a plastic bag.

The 24-well plate measures 5" long x 3-1/4" wide x 7/8" high. Flat-bottomed wells are 5/8" deep and approximately 10mm in diameter.

The 96-well plate measures 5" long x 3-1/4" wide x 5/8" high.

U-bottomed wells are 7/16" deep and approximately 6mm in diameter.



F1003-U

| Item No. | Description | Quantity per pack |
|----------|----------------------|-------------------|
| F1004 | Well Plate, 24 Wells | 10 |
| F1003-U | Well Plate, 96 Wells | 10 |

Streak Plate, Porcelain



Porcelain streak plate, unglazed, for use in hardness testing of rocks and minerals.

| Item No. | Length | Width | Thickness | Quantity per pack |
|----------|--------|-------|-----------|-------------------|
| JSP001 | 2.5" | 2" | 1/8" | 1 |

Streak Plates, Glass

Designed for use in hardness testing of rocks and minerals, these 1/4" thick glass streak plates are sold as packs of 10.

| Item No. | Length | Width | Thickness | Quantity per pack |
|----------|--------|-------|-----------|-------------------|
| GLP1X2-P | 2" | 1" | 1/4" | 10 |
| GLP2X2-S | 2" | 2" | 1/4" | 10 |
| GLP3X2-P | 3" | 2" | 1/4" | 10 |



NEW

Lattice Lab System, Set #1



Setup with foot plates secured to a bench.
Two-dimensional lattices can be assembled in units of 24" x 24" with the crossbars horizontal or vertical. The set allows construction of up to two 24" x 24" sections with one crossbar each.

The Lattice Lab System is a lightweight set of aluminum support rods and clamps that allows a wide range of lab apparatus to be assembled and securely supported. Assembly is easy and requires only a screwdriver. Support rods are made of hard aluminum and foot plates and hook connectors are made of cast alloy.

Contents:

| | |
|--|----|
| Foot Plate, 2-5/16" diameter | 4 |
| Set Screw for Foot Plate | 4 |
| Anchoring Screw for Foot Plate | 12 |
| Hook Connector with Thumbscrew | 22 |
| Support Rod, 2" long, 1/2" diameter | 8 |
| Support Rod, 18" long, 1/2" diameter | 2 |
| Support Rod, 24" long, 1/2" diameter | 8 |

Item No.

Description

| Item No. | Description |
|----------|----------------------------|
| LLS001 | Lattice Lab System, Set #1 |



Sections can be added at any angle.
This can provide limited stability without securing all of the foot plates to the bench. Add heavy apparatus inside the angle of the sections for stability.



Create a portable 24" x 24" lattice.
Assemble it using the two 18" support rods with 2" support rods and the foot plates to form a secure base. More 2" rods and two 24" rods form a strong angle brace to maintain the lattice upright.

NEW

Lattice Lab System, Set #2



Five different rod lengths.
Construct a wide variety of lattice structures using this assortment that includes 2", 18", 24", 36" and 48" long rods.

This Lattice Lab System features an assortment of aluminum rods from 18" to 48" long. Assembly is easy and requires only a screwdriver. Support rods are made of hard aluminum and foot plates and hook connectors are made of cast alloy.

Contents:

| | |
|--|----|
| Foot Plate, 2-5/16" diameter | 4 |
| Set Screw for Foot Plate | 4 |
| Anchoring Screw for Foot Plate | 12 |
| Hook Connector with Thumbscrew | 26 |
| Support Rod, 2" long, 1/2" diameter | 8 |
| Support Rod, 18" long, 1/2" diameter | 2 |
| Support Rod, 24" long, 1/2" diameter | 5 |
| Support Rod, 36" long, 1/2" diameter | 2 |
| Support Rod, 48" long, 1/2" diameter | 4 |

Item No.

Description

| Item No. | Description |
|----------|----------------------------|
| LLS002 | Lattice Lab System, Set #2 |

Lattice Lab System, Set #3

NEW

This Lattice Lab System features an assortment of aluminum rods, including 10 rods that are 48" long. Assembly is easy and requires only a screwdriver. Support rods are made of hard aluminum and foot plates and hook connectors are made of cast alloy.

Contents:

| | |
|--|----|
| Foot Plate, 2-5/16" diameter | 6 |
| Set Screw for Foot Plate | 6 |
| Anchoring Screw for Foot Plate | 18 |
| Hook Connector with Thumbscrew | 42 |
| Support Rod, 2" long, 1/2" diameter | 10 |
| Support Rod, 18" long, 1/2" diameter | 3 |
| Support Rod, 36" long, 1/2" diameter | 2 |
| Support Rod, 48" long, 1/2" diameter | 10 |



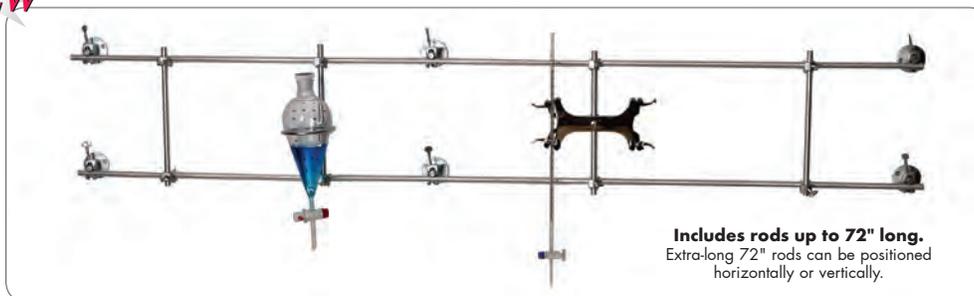
Includes 10 rods of 48" length.

This set features a large quantity of 48" rods for use in labs that require a large setup.

| Item No. | Description |
|----------|----------------------------|
| LLS003 | Lattice Lab System, Set #3 |

Lattice Lab System, Set #4

NEW



Includes rods up to 72" long.

Extra-long 72" rods can be positioned horizontally or vertically.

This Lattice Lab System set features aluminum rods up to 72" long. Assembly is easy and requires only a screwdriver. Support rods are made of hard aluminum and foot plates and hook connectors are made of cast alloy.

Contents:

| | |
|--|----|
| Foot Plate, 2-5/16" diameter | 8 |
| Set Screw for Foot Plate | 8 |
| Anchoring Screw for Foot Plate | 24 |
| Hook Connector with Thumbscrew | 49 |
| Support Rod, 2" long, 1/2" diameter | 6 |
| Support Rod, 12" long, 1/2" diameter | 6 |
| Support Rod, 24" long, 1/2" diameter | 2 |
| Support Rod, 48" long, 1/2" diameter | 7 |
| Support Rod, 72" long, 1/2" diameter | 5 |

| Item No. | Description |
|----------|----------------------------|
| LLS004 | Lattice Lab System, Set #4 |

Lattice Lab Rod Connector

NEW



This aluminum connector is used to attach two aluminum rods together. 12.9mm inner diameter. Includes two set screws and an Allen key.

| Item No. | Description |
|----------|---------------------------|
| LLSRC2 | Lattice Lab Rod Connector |

Lattice Lab Accessories

Components from Lattice Lab Sets are available individually so sets can be expanded to accommodate customized needs.

| Item No. | Description |
|----------|--------------------------|
| LLSCLMP | Hook Connector, Aluminum |
| LLSFPS | Foot Plate |
| LLSR02 | Aluminum Rod, 2" long |
| LLSR24 | Aluminum Rod, 24" long |
| LLSR36 | Aluminum Rod, 36" long |
| LLSR48 | Aluminum Rod, 48" long |
| LLSR72 | Aluminum Rod, 72" long |

NEW



Hook Connector connects two 1/2" diameter support rods at right angles with a single thumbscrew.



Set screw fits into foot plates to secure support rods.



Foot plates accept 1/2" diameter support rods. Three 3/16" countersunk holes allow the foot plate to be secured to a bench.

NEW

Laboratory Jacks

Laboratory support jacks are constructed of painted aluminum and stainless steel. The scissor jack design enables height adjustment with a simple turn of the knob.

LBJK44 has a 4" x 4" platform that can be vertically adjusted from a closed position of 2.5" up to 6". Maximum load capacity is 10kg.

LBJK66 has a 6" x 6" platform that can be vertically adjusted from a closed position of 3" up to 10.5". Maximum load capacity is 20kg.

LBJK88 has a 8" x 8" platform that can be vertically adjusted from a closed position of 2.5" up to 11.75". Maximum load capacity is 25kg.

| Item No. | Description |
|----------|-----------------------------------|
| LBJK44 | Laboratory Jack, 4" x 4" Platform |
| LBJK66 | Laboratory Jack, 6" x 6" Platform |
| LBJK88 | Laboratory Jack, 8" x 8" Platform |



LBJK44 closed



LBJK66 closed



LBJK88 closed

Laboratory Jack

Laboratory support jack is constructed of painted aluminum and stainless steel. The scissor jack design enables height adjustment with a simple turn of the knob. Sturdy design can support loads up to 20kg.

Lab jack platform measures 4.5" x 5.5" and features pre-drilled holes for attaching a support rod. Platform height can be vertically adjusted from closed position of 2.75" up to 10.5".

| Item No. | Description |
|----------|-----------------|
| LBJK01 | Laboratory Jack |



LBJK01 closed

Laboratory Jack with Platform and Rod



Laboratory support jack is constructed of painted aluminum and stainless steel. The scissor jack design enables height adjustment with a simple turn of the knob. Sturdy design can support loads up to 20kg.

Lab jack platform measures 4.5" x 5.5". Platform height can be vertically adjusted from closed position of 2.75" up to 10.5".

Set includes a removable 8" x 8" platform that attaches to the lab jack using the included 18" long, 1/2" diameter support rod.

| Item No. | Description |
|----------|---------------------------------------|
| LBJSET | Laboratory Jack with Platform and Rod |

Support Stands with Rods, Stamped Steel

Stamped steel bases with black enamel finish. Includes a removable, zinc-plated steel rod. Bases and rods are also available individually.

| Item No. | Base Size | Rod Length | Rod Diameter |
|----------|-----------|------------|--------------|
| SSB4X6 | 4" x 6" | 18" | 5/16" |
| SSB5X8 | 5" x 8" | 20" | 3/8" |
| SSB6X9 | 6" x 9" | 24" | 1/2" |
| SSB6X1 | 6" x 11" | 36" | 1/2" |



Heavy Support Stands with Rods, Stamped Steel



Heavy support stand includes a reinforcing steel plate that provides extra weight.



Heavy stamped steel bases with black enamel finish include a steel plate mounted underneath, which makes them about 50% heavier than regular stamped steel bases. The steel plate also facilitates a sturdier threading of the rod into the base.

Includes a removable, zinc-plated steel rod. Bases and rods are also available individually.

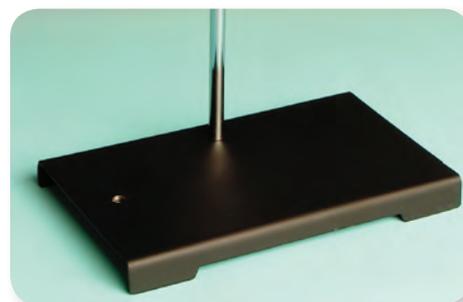
| Item No. | Base Size | Rod Length | Rod Diameter |
|----------|-----------|------------|--------------|
| SSB4X6-H | 4" x 6" | 18" | 5/16" |
| SSB5X8-H | 5" x 8" | 20" | 3/8" |
| SSB6X9-H | 6" x 9" | 24" | 1/2" |
| SSB6X1-H | 6" x 11" | 36" | 1/2" |

Two-Hole Support Stands with Rods, Stamped Steel

Stamped steel bases with black enamel finish feature two tapped holes. Hole at center of the shorter side is for standard ring stand use. Hole at center of the longer side is for applications such as titrations, specific gravity determinations, etc.

Includes a removable zinc-plated steel rod. Bases and rods are also available individually.

| Item No. | Base Size | Rod Length | Rod Diameter |
|-----------|-----------|------------|--------------|
| SSB4X6-H2 | 4" x 6" | 18" | 5/16" |
| SSB5X8-H2 | 5" x 8" | 20" | 3/8" |
| SSB6X9-H2 | 6" x 9" | 24" | 1/2" |
| SSB6X1-H2 | 6" x 11" | 36" | 1/2" |



Support Stands with Rods, Cast Iron

Heavy cast iron bases with black enamel finish. Includes a removable zinc-plated steel rod. Bases and rods are also available individually.

| Item No. | Base Size | Rod Length | Rod Diameter |
|-----------|-----------|------------|--------------|
| SSB4X6-CI | 4" x 6" | 18" | 5/16" |
| SSB5X8-CI | 5" x 8" | 20" | 3/8" |
| SSB6X9-CI | 6" x 9" | 24" | 1/2" |
| SSB6X1-CI | 6" x 11" | 36" | 1/2" |



Support Stand and Ring Sets



Each set contains a stamped steel base and a zinc-plated steel rod, along with 2, 3, 4, or 5 cast iron rings with boss head clamps.

| Item No. | Base Size | Rod Length | Rod Diameter | Ring Size |
|----------|-----------|------------|--------------|--------------------|
| SET462 | 4" x 6" | 18" | 5/16" | 3", 4" |
| SET583 | 5" x 8" | 20" | 3/8" | 3", 4", 5" |
| SET694 | 6" x 9" | 24" | 1/2" | 3", 4", 5", 6" |
| SET615 | 6" x 11" | 36" | 1/2" | 2", 3", 4", 5", 6" |

Support Rings, Cast Iron

Cast iron, zinc-plated support ring with boss head clamp and thumbscrew. Distance from support to center of ring is 4-1/2" for all sizes.

| Item No. | Description | Quantity per pack |
|----------|-------------------------------------|-------------------|
| SRCI02 | Cast Iron Support Ring, 2" Diameter | 5 |
| SRCI03 | Cast Iron Support Ring, 3" Diameter | 5 |
| SRCI04 | Cast Iron Support Ring, 4" Diameter | 5 |
| SRCI05 | Cast Iron Support Ring, 5" Diameter | 5 |
| SRCI06 | Cast Iron Support Ring, 6" Diameter | 5 |
| SRCI07 | Cast Iron Support Ring, 7" Diameter | 5 |



Support Rings, Steel Rod



Steel rod, zinc-plated support ring with attached boss head clamp and thumbscrew. Distance from support to center of ring is 4-1/2" for all sizes.

| Item No. | Description | Quantity per pack |
|----------|-------------------------------------|-------------------|
| SRSR02 | Steel Rod Support Ring, 2" Diameter | 5 |
| SRSR03 | Steel Rod Support Ring, 3" Diameter | 5 |
| SRSR04 | Steel Rod Support Ring, 4" Diameter | 5 |
| SRSR05 | Steel Rod Support Ring, 5" Diameter | 5 |
| SRSR06 | Steel Rod Support Ring, 6" Diameter | 5 |
| SRSR07 | Steel Rod Support Ring, 7" Diameter | 5 |

Extension Support Rings

Steel rod, zinc-plated extension support rings. Rod diameter 5/16", overall length 12" for all sizes.

| Item No. | Ring Diameter | Quantity per pack |
|----------|-------------------------------------|-------------------|
| SRSE02 | Extension Support Ring, 2" Diameter | 1 |
| SRSE03 | Extension Support Ring, 3" Diameter | 1 |
| SRSE04 | Extension Support Ring, 4" Diameter | 1 |
| SRSE05 | Extension Support Ring, 5" Diameter | 1 |
| SRSE06 | Extension Support Ring, 6" Diameter | 1 |



Triangular Support Stands with Rods, Cast Iron

Heavy cast iron triangular bases with black enamel finish. Includes a removable zinc-plated steel rod.

| Item No. | Base Size | Rod Length | Rod Diameter |
|----------|-----------|------------|--------------|
| TSR318 | 3" | 18" | 5/16" |
| TSR420 | 4" | 20" | 3/8" |
| TSR524 | 5" | 24" | 1/2" |
| TSR636 | 6" | 36" | 1/2" |



A-Base and Rod, Cast Iron



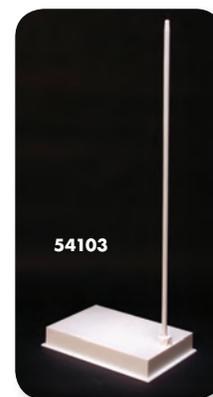
The A-shaped base is made of rugged cast iron and is designed for extra stability. It has 8" long legs with a black enamel finish. The 5" to 7-1/2" opening between the legs is designed for positioning items near the support rod. Includes a removable zinc-plated steel rod that is 24" long and 1/2" in diameter.

| Item No. | Description |
|----------|---------------------------|
| SBA724 | A-Base and Rod, Cast Iron |

Support Stands with Rods, Plastic

Molded polystyrene support stands are ideal for use in applications that require non-corrosive worksurfaces. Heavy, weighted base provides stability similar to metal versions. The removable steel rod is coated with polypropylene to make it non-corrosive.

| Item No. | Base Size | Rod Length | Rod Diameter |
|----------|---------------------------|------------|--------------|
| 54101 | 6" x 9" with side hole | 30" | 1/2" |
| 54102 | 8" x 12" with center hole | 30" | 1/2" |
| 54103 | 8" x 12" with side hole | 30" | 1/2" |



Support Stands with Rods, Porcelain

NEW



SSP6X6



SSP7X13

Heavy porcelain bases with glazed finish to prevent chemicals from seeping into the base. Base includes rubber feet to ensure the base does not slide or damage bench surface. Hole for rod is located in the center of the base. Includes a removable aluminum support rod. Stainless steel support rod is available separately.

| Item No. | Base Size | Rod Length | Rod Diameter |
|----------|-----------|------------|--------------|
| SSP6X6 | 6" x 6" | 20" | 3/8" |
| SSP7X13 | 7" x 13" | 24" | 1/2" |

Tripod Stands, Cast Iron



Cast iron ring with black enamel finish. Detachable zinc plated legs are interchangeable for use with various sizes of rings. Rings and legs are also available individually.

| Item No. | Ring O.D. | Height |
|----------|-----------|--------|
| TRS3X6 | 3.5" | 6" |
| TRS3X9 | 3.5" | 9" |
| TRS5X8-S | 5" | 9" |
| TRS5X8 | 5" | 8" |
| TRS6X9 | 6" | 9" |

Tripod Stands with Concentric Rings, Cast Iron

Removable concentric rings provide an adjustable worksurface for various applications. Available with three or four cast iron rings with black enamel finish. Detachable zinc plated legs are interchangeable for use with various sizes of rings. Rings and legs are also available individually.

| Item No. | Ring O.D. | Height |
|----------|-----------------------|--------|
| TCR6X9 | 3.5", 4.75", 6.5" | 9" |
| TCR8X9 | 3.5", 4.75", 6.5", 8" | 9" |



Clay Pipe Triangles



Good quality clay pipe mounted on heavy gauge twisted galvanized steel wire.

| Item No. | Description |
|----------|--------------------------------------|
| CPT015 | Clay Pipe Triangle, 1.5" side length |
| CPT020 | Clay Pipe Triangle, 2.0" side length |
| CPT025 | Clay Pipe Triangle, 2.5" side length |
| CPT030 | Clay Pipe Triangle, 3.0" side length |

Wire Gauze with Ceramic Center

Iron wire gauze (24 SWG/10 Mesh) with ceramic coating at the center and folded edges. Contains no asbestos. Sold as packs of 10.

| Item No. | Description | Quantity per pack |
|----------|---|-------------------|
| WGCC44 | Wire Gauze with Ceramic Center, 4" x 4" | 10 |
| WGCC55 | Wire Gauze with Ceramic Center, 5" x 5" | 10 |
| WGCC66 | Wire Gauze with Ceramic Center, 6" x 6" | 10 |



Wire Gauze, Plain

Iron wire gauze (24 SWG/10 Mesh) with folded edges. Sold as packs of 10.



| Item No. | Description | Quantity per pack |
|----------|----------------------------|-------------------|
| WGPL44 | Wire Gauze, Plain, 4" x 4" | 10 |
| WGPL55 | Wire Gauze, Plain, 5" x 5" | 10 |
| WGPL66 | Wire Gauze, Plain, 6" x 6" | 10 |

Stirring Rods, Glass

Stirring rods are made of soft flint glass, with both ends fire-polished and rounded.

| Item No. | Length / Diameter | Quantity per pack | Quantity per case |
|----------|-------------------|-------------------|-------------------|
| GSR005 | 5" / 3mm | 12 | 144 |
| GSR006 | 6" / 5mm | 12 | 144 |
| GSR008 | 8" / 5mm | 12 | 144 |
| GSR010 | 10" / 6mm | 12 | 144 |
| GSR012 | 12" / 10mm | 12 | 144 |
| GSR015 | 15" / 6mm | 12 | 144 |



Stirring Rods, Glass with Rubber Policeman



Rubber policeman attached to glass rod facilitates scraping and mixing. Stirring rods are made of soft flint glass, with both ends fire-polished and rounded. Policemen are made of natural rubber. Pre-assembled.

| Item No. | Length / Diameter | Quantity per pack |
|----------|-------------------|-------------------|
| GRPLO5 | 5" / 3mm | 12 |
| GRPLO6 | 6" / 5mm | 12 |
| GRPLO8 | 8" / 5mm | 12 |
| GRPL10 | 10" / 6mm | 12 |
| GRPL12 | 12" / 10mm | 12 |

Stirring Rods, Glass, One End Flat

Stirring rod made of soft flint glass, 12" long and 7mm in diameter, with one end flat for use as a spatula or policeman. Sold as a pack of 12.

| Item No. | Description | Quantity per pack |
|---------------|----------------------------------|-------------------|
| GLROD12-PK/12 | Glass Stirring Rod, One End Flat | 12 |



Rubber Policeman

Made of natural rubber. Ideal for scraping and mixing applications in the laboratory. Sold as a pack of 12.



| Item No. | Description | Quantity per pack |
|----------|--|-------------------|
| RHGSR1 | Rubber Policeman, fits 5mm and 6mm diameter rods | 12 |
| RHGSR2 | Rubber Policeman, fits 10mm diameter rods | 12 |

Stirring Rods, Plastic

Stirring rods made of polypropylene, with both ends rounded.

| Item No. | Length / Diameter | Quantity per pack |
|----------|-------------------|-------------------|
| 81401 | 10" / 10mm | 12 |
| 81405 | 8" / 7mm | 12 |
| 81406 | 10" / 7mm | 12 |
| 81407 | 12" / 7mm | 12 |



Rubber Stoppers

These black stoppers are made of solid natural rubber that stays pliable over a long period of time. Ideal for use with non-aggressive or concentrated solutions. Low sulfur content. Withstand temperatures from -25 to 70°C (-13 to 158°F). Available in solid, one-hole, and two-hole versions. Each stopper has its size marked in raised figures. All stoppers are 25mm tall. Sold as one-pound bags.



Rubber stoppers are packaged in convenient one-pound bags.

| Item No. Solid | Item No. One-Hole | Item No. Two-Hole | Stopper Size | Approx. No. per Lb. | Top Diameter | Bottom Diameter | Hole Size |
|----------------|-------------------|-------------------|--------------|---------------------|--------------|-----------------|-----------|
| RST000-S | RST000-H | NA | 000 | 170 | 13mm | 8mm | 3mm |
| RST00-S | RST00-H | RST00-H2 | 00 | 90 | 15mm | 10mm | 3mm |
| RST0-S | RST0-H | RST0-H2 | 0 | 63 | 17mm | 13mm | 3mm |
| RST1-S | RST1-H | RST1-H2 | 1 | 52 | 19mm | 14mm | 4mm |
| RST2-S | RST2-H | RST2-H2 | 2 | 45 | 20mm | 16mm | 5mm |
| RST3-S | RST3-H | RST3-H2 | 3 | 33 | 24mm | 18mm | 5mm |
| RST4-S | RST4-H | RST4-H2 | 4 | 28 | 26mm | 20mm | 5mm |
| RST5-S | RST5-H | RST5-H2 | 5 | 24 | 27mm | 23mm | 5mm |
| RST5A-S | RST5A-H | RST5A-H2 | 5½ | 21 | 28mm | 24mm | 5mm |
| RST6-S | RST6-H | RST6-H2 | 6 | 18 | 32mm | 26mm | 5mm |
| RST6A-S | RST6A-H | RST6A-H2 | 6½ | 16 | 34mm | 27mm | 5mm |
| RST7-S | RST7-H | RST7-H2 | 7 | 13 | 37mm | 30mm | 5mm |
| RST7A-S* | RST7A-H* | RST7A-H2* | 7½ | 13 | 39mm | 31mm | 5mm |
| RST8-S | RST8-H | RST8-H2 | 8 | 10 | 41mm | 33mm | 5mm |
| RST8A-S* | RST8A-H* | RST8A-H2* | 8½ | 10 | 43mm | 36mm | 5mm |
| RST9-S | RST9-H | RST9-H2 | 9 | 9 | 45mm | 37mm | 5mm |
| RST9A-S* | RST9A-H* | RST9A-H2* | 9½ | 9 | 46mm | 38mm | 5mm |
| RST10-S | RST10-H | RST10-H2 | 10 | 7 | 50mm | 42mm | 5mm |
| RST10A-S | RST10A-H | RST10A-H2 | 10½ | 7 | 53mm | 45mm | 5mm |
| RST11-S | RST11-H | RST11-H2 | 11 | 6 | 56mm | 48mm | 5mm |
| RST11A-S | RST11A-H | RST11A-H2 | 11½ | 6 | 63mm | 50mm | 5mm |
| RST12-S* | RST12-H* | RST12-H2* | 12 | 5 | 64mm | 54mm | 5mm |
| RST13-S* | RST13-H* | RST13-H2* | 13 | 4 | 68mm | 58mm | 5mm |
| RST14-S* | RST14-H* | RST14-H2* | 14 | 1 | 90mm | 75mm | 5mm |
| RST15-S* | RST15-H* | RST15-H2* | 15 | 1 | 103mm | 83mm | 5mm |
| RST16-S* | RST16-H* | RST16-H2* | 16 | 1 | 127mm | 90mm | 5mm |

*NEW SIZE

Neoprene Stoppers

Neoprene stoppers can be used in areas where rubber would be attacked by reagents or solvents. Synthetic green neoprene stoppers have good resiliency and shelf-life. They withstand petroleum products and oils as well as most inorganic acids and bases. Sold as one-pound bags.

| Item No. Solid | Stopper Size | Approx. No. per Lb. | Top Diameter | Bottom Diameter |
|----------------|--------------|---------------------|--------------|-----------------|
| NST000-S | 000 | 160 | 13mm | 8mm |
| NST00-S | 00 | 95 | 15mm | 10mm |
| NST0-S | 0 | 68 | 17mm | 13mm |
| NST1-S | 1 | 57 | 19mm | 14mm |
| NST2-S | 2 | 48 | 20mm | 16mm |
| NST3-S | 3 | 35 | 24mm | 18mm |
| NST4-S | 4 | 30 | 26mm | 20mm |
| NST5-S | 5 | 25 | 27mm | 23mm |
| NST5A-S | 5½ | 21 | 28mm | 24mm |
| NST6-S | 6 | 19 | 32mm | 26mm |
| NST6A-S | 6½ | 16 | 34mm | 27mm |
| NST7-S | 7 | 14 | 37mm | 30mm |
| NST8-S | 8 | 12 | 41mm | 33mm |
| NST9-S | 9 | 10 | 45mm | 37mm |
| NST10-S | 10 | 8 | 50mm | 42mm |
| NST10A-S | 10½ | 7 | 53mm | 45mm |
| NST11-S | 11 | 6 | 56mm | 48mm |
| NST11A-S | 11½ | 6 | 63mm | 50mm |
| NST12-S | 12 | 5 | 64mm | 54mm |
| NST13-S | 13 | 4 | 68mm | 58mm |

NSTPK2*

Neoprene Stopper Assortment, One Pound

*NEW SIZE



NSTPK2

Rubber Stopper Assortments

These black stoppers are made of solid natural rubber that stays pliable over a long period of time. Ideal for use with non-aggressive or concentrated solutions. Low sulfur content. Withstand temperatures from -25 to 70°C (-13 to 158°F).

These convenient assortments of various sizes of rubber stoppers are sold as one-pound bags.



| Item No. | Description | Sizes |
|----------|--------------------------------------|---------|
| RSTPK1 | Rubber Stoppers, Assorted, one pound | 1 to 6 |
| RSTPK2 | Rubber Stoppers, Solid, one pound | 00 to 7 |
| RSTPK3 | Rubber Stoppers, 1-Hole, one pound | 00 to 7 |
| RSTPK4 | Rubber Stoppers, 2-Hole, one pound | 2 to 8 |

Cork Stoppers



These grade XXX tapered cork stoppers are an excellent choice for general laboratory use. They are effective for both liquid and solid mediums, and offer light weight, resilience and compressibility. Chemically inert and moisture resistant. Sold as packs of 100.

| Item No. | Stopper Size | Height | Top Diameter | Bottom Diameter | Quantity per pack |
|----------|--------------|--------|--------------|-----------------|-------------------|
| CST000 | 000 | 13mm | 6mm | 4mm | 100 |
| CST00 | 00 | 13mm | 8mm | 5mm | 100 |
| CST0 | 0 | 13mm | 10mm | 7mm | 100 |
| CST1 | 1 | 16mm | 11mm | 8mm | 100 |
| CST2 | 2 | 17mm | 13mm | 9mm | 100 |
| CST3 | 3 | 19mm | 14mm | 10mm | 100 |
| CST4 | 4 | 20mm | 16mm | 11mm | 100 |
| CST5 | 5 | 22mm | 17mm | 12mm | 100 |
| CST6 | 6 | 24mm | 19mm | 13mm | 100 |
| CST7 | 7 | 25mm | 21mm | 15mm | 100 |
| CST8 | 8 | 27mm | 22mm | 17mm | 100 |
| CST9 | 9 | 29mm | 24mm | 18mm | 100 |
| CST10 | 10 | 31mm | 25mm | 20mm | 100 |
| CST11 | 11 | 31mm | 27mm | 21mm | 100 |
| CST12 | 12 | 31mm | 29mm | 22mm | 100 |
| CST13 | 13 | 31mm | 30mm | 24mm | 100 |
| CST14 | 14 | 31mm | 32mm | 25mm | 100 |
| CST15 | 15 | 31mm | 33mm | 27mm | 100 |
| CST16 | 16 | 38mm | 35mm | 27mm | 100 |
| CST17 | 17 | 38mm | 36mm | 30mm | 100 |
| CST18 | 18 | 38mm | 38mm | 31mm | 100 |
| CST19 | 19 | 38mm | 40mm | 33mm | 100 |
| CST20 | 20 | 38mm | 41mm | 34mm | 100 |

Cork Borer Sets

Good quality plated brass cork borers with solid brass handles, except for Set of 3 which includes plastic handles.

| Item No. | Description |
|----------|------------------------|
| CBST03 | Cork Borers, Set of 3 |
| CBST06 | Cork Borers, Set of 6 |
| CBST09 | Cork Borers, Set of 9 |
| CBST12 | Cork Borers, Set of 12 |



NEW



Culture Tubes with Cap, Round Bottom

Tubes with round bottoms are manufactured from ASTM E438 Type 1 Class A Borosilicate 3.3 glass. Includes polypropylene autoclavable screw cap with PTFE liner.

| Item No. | O.D. x Length (mm) | Capacity (ml) | Quantity per pack | Quantity per case |
|-----------|--------------------|---------------|-------------------|-------------------|
| TT9900-5 | 16 x 50 | 5 | 10 | 100 |
| TT9900-10 | 25 x 50 | 10 | 10 | 100 |
| TT9900-30 | 25 x 95 | 30 | 20 | 100 |
| TT9900-60 | 25 x 200 | 60 | 20 | 100 |

Disposable Culture Tubes, Borosilicate

Disposable culture tubes are manufactured from high quality borosilicate glass. Rimless design enables easy plugging using a stopper. Caps not included. Tubes meet ASTM standards and are alkali-free and inert.

NEW



| Item No. | O.D. x Length (mm) | Capacity (ml) | Quantity per pack | Quantity per case |
|----------|--------------------|---------------|-------------------|-------------------|
| TT9920-B | 12 x 75 | 5 | 72 | 720 |
| TT9920-C | 13 x 100 | 9 | 72 | 720 |
| TT9920-F | 16 x 100 | 11 | 72 | 720 |
| TT9920-M | 16 x 125 | 15 | 72 | 720 |
| TT9920-E | 16 x 150 | 20 | 72 | 720 |
| TT9920-G | 18 x 150 | 27 | 72 | 720 |
| TT9920-N | 20 x 150 | 34 | 72 | 720 |
| TT9920-I | 25 x 150 | 55 | 72 | 288 |
| TT9920-J | 25 x 200 | 75 | 48 | 192 |

NEW



Test Tubes, Polystyrene with Cap

This 13 x 100mm polystyrene test tube has a capacity of 7ml. Tube features a round bottom and includes a hollow top plug cap made of polypropylene. Sold as a pack of 100 tubes.

| Item No. | Description |
|----------|--|
| TPSC131 | Test Tube, Polystyrene with Cap, pack of 100 |

Test Tubes, Polypropylene

This 12 x 75mm polypropylene test tube has a capacity of 5ml. Tube features a round bottom and is autoclavable. Sold as a pack of 100 tubes.

NEW



| Item No. | Description |
|----------|---------------------------------------|
| TPP1275 | Test Tube, Polypropylene, pack of 100 |

NEW



Glass Tubing Assortment

This convenient one-pound assortment of borosilicate glass tubing includes various thicknesses and wall sizes. All pieces are 12" in length.

| Item No. | Description | Bore/Thickness |
|----------|-------------------------|----------------|
| GBT001 | Glass Tubing Assortment | Various |

Test Tubes with Rim, Borosilicate Glass

Pre-cleaned borosilicate glass test tubes with rims. Tubes can be used for hot or cold applications, are reusable, and can be autoclaved.

| Item No. | O.D. x Length (mm) | Capacity (ml) | Quantity per pack | Quantity per case |
|----------|--------------------|---------------|-------------------|-------------------|
| TT9800-A | 10 x 75 | 3 | 72 | 720 |
| TT9800-B | 12 x 75 | 5 | 72 | 720 |
| TT9800-C | 12 x 100 | 8 | 72 | 720 |
| TT9800-D | 15 x 125 | 15 | 72 | 720 |
| TT9800-E | 15 x 150 | 17 | 72 | 720 |
| TT9800-L | 16 x 100 | 14 | 72 | 720 |
| TT9800-M | 16 x 125 | 16 | 72 | 720 |
| TT9800-F | 18 x 150 | 24 | 72 | 720 |
| TT9800-N | 20 x 150 | 36 | 72 | 720 |
| TT9800-G | 25 x 100 | 37 | 72 | 720 |
| TT9800-H | 25 x 150 | 60 | 72 | 288 |
| TT9800-I | 25 x 200 | 75 | 48 | 192 |
| TT9800-J | 32 x 200 | 125 | 50 | 50 |
| TT9800-K | 38 x 200 | 175 | 50 | 50 |



Test Tubes without Rim, Borosilicate Glass

Pre-cleaned borosilicate glass test tubes without rims. Tubes can be used for hot or cold applications, are reusable, and can be autoclaved.



| Item No. | O.D. x Length (mm) | Capacity (ml) | Quantity per pack | Quantity per case |
|----------|--------------------|---------------|-------------------|-------------------|
| TT9820-A | 10 x 75 | 3 | 72 | 720 |
| TT9820-B | 12 x 75 | 5 | 72 | 720 |
| TT9820-C | 12 x 100 | 8 | 72 | 720 |
| TT9820-D | 15 x 125 | 15 | 72 | 720 |
| TT9820-E | 15 x 150 | 17 | 72 | 720 |
| TT9820-F | 16 x 100 | 14 | 72 | 720 |
| TT9820-G | 18 x 150 | 24 | 72 | 720 |
| TT9820-H | 25 x 100 | 37 | 72 | 720 |
| TT9820-I | 25 x 150 | 60 | 72 | 288 |
| TT9820-J | 25 x 200 | 75 | 48 | 192 |
| TT9820-K | 32 x 200 | 125 | 50 | 50 |
| TT9820-L | 38 x 200 | 175 | 50 | 50 |

Test Tube Baskets, PP

These test tube baskets are made of polypropylene. Autoclavable, unbreakable and non-corrosive baskets are ideal for rinsing and draining glassware. They are also useful for storage of test tubes or culture tubes during sterilization or incubation.

| Item No. | Description | Quantity per pack |
|----------|-------------------------------------|-------------------|
| 78101 | Test Tube Basket, 140 x 120 x 110mm | 6 |
| 78102 | Test Tube Basket, 160 x 160 x 160mm | 6 |



Draining Tray, PP

This polypropylene basket with wide net-like structure on all sides is useful for post-wash draining of laboratory apparatus. Autoclavable.

| Item No. | Description | Quantity per pack |
|----------|-----------------------------------|-------------------|
| 78103 | Draining Tray, PP, 16" x 16" x 4" | 6 |



Probe Thermometers



Thermometers feature 5" long stainless steel probes. Temperatures are shown on a dial display. Includes protective sleeve with pocket clip.

| Item No. | Temperature Range | Divisions |
|----------|-------------------|-----------|
| THMPR2 | -10° to 50°C | 1°C |
| THMPR3 | 0° to 200°C | 2°C |
| THMPR1 | 25° to 125°F | 1°F |
| THMPR4 | 50° to 550°F | 5°F |

Dial Thermometer

This versatile 38mm (1-1/2") diameter thermometer features molded plastic dial, with temperature ranges of -20° to 50°C, and 0° to 120°F, in 1° divisions. Can be mounted on any indoor/outdoor surface with a nail or two-sided adhesive tape (not included).

| Item No. | Description |
|----------|------------------|
| THMR01 | Dial Thermometer |



General Tools Kit



Consists of 6" slip joint pliers, 6.5" long nose pliers, 6" adjustable wrench, 3-piece offset screwdriver set, and a 6-in-1 screwdriver set featuring slotted bits, Phillips bits, and nut drivers.

| Item No. | Description |
|----------|------------------------|
| TKIT04 | General Tools Kit of 7 |

Laboratory Tools Kit

An assortment of six of the most commonly used laboratory tools, available as one convenient set. Contains one each of following: test tube brush, spatula, crucible tongs, test tube clamp, lab scoop, and forceps.

| Item No. | Description |
|----------|----------------------|
| LSET6 | Laboratory Tools Kit |



Triangular Files



Triangular file has a tapered shape, and is mounted on a hardwood handle for easy gripping. For general laboratory use, including to score glass before cutting.

| Item No. | Description | Overall Length |
|----------|--------------------|----------------|
| TRF004 | 4" Triangular File | 7" |
| TRF005 | 5" Triangular File | 8" |
| TRF006 | 6" Triangular File | 9" |
| TRF008 | 8" Triangular File | 11" |

Laboratory Trays, PP

Multi-purpose polypropylene molded trays can be used for sterilizing, drying glassware, porcelainware, and other laboratory supplies. These steam autoclavable trays have tapered walls designed for nesting.

| Item No. | Description | Quantity per pack |
|----------|-------------------------------------|-------------------|
| 81701 | Laboratory Tray, PP, 18" x 14" x 3" | 10 |
| 81702 | Laboratory Tray, PP, 15" x 12" x 3" | 10 |



Utility Trays, PP



Polypropylene molded utility tray is steam autoclavable and can be used for sterilizing and drying labware. The 5" depth makes this tray ideal for storage of labware.

| Item No. | Description | Quantity per pack |
|----------|----------------------------------|-------------------|
| 81721 | Utility Tray, PP, 15" x 14" x 5" | 6 |

Laboratory Trays, Large, PP

Large polypropylene molded laboratory tray is steam autoclavable and can be used for sterilizing and drying labware. The 5" depth makes this tray ideal for storage of labware.

| Item No. | Description | Quantity per pack |
|----------|--|-------------------|
| 81722 | Laboratory Tray, Large, PP, 20" x 17" x 5" | 6 |



Carrier Trays, PP



Polypropylene molded carrier tray is steam autoclavable. Includes a built-in handle for easy carrying of reagent bottles or other laboratory ware using one hand. Overall depth including the handle is 6". Trays are nestable for easy storage when empty.

| Item No. | Description | Quantity per pack |
|----------|-------------------------------------|-------------------|
| 81731 | Carrier Tray, PP, 15" x 9.5" x 4.5" | 6 |

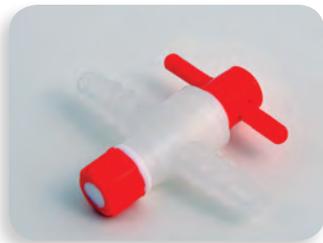
Laboratory Trays, Flat, PP

Flat polypropylene laboratory trays are ideal for containing small spills, and to serve as a drip pan. Economical trays measuring 15" x 11.5" are versatile for general laboratory use. Autoclavable. Sold as packs of 10.

| Item No. | Description | Quantity per pack |
|----------|--|-------------------|
| LTRAY1 | Laboratory Tray, Flat, PP, 15" x 11.5" | 10 |



Tubing Connectors



Stopcocks, PP/PTFE

These leak-proof economical polypropylene stopcocks have a PTFE plug and serrated ports that accept tubing from 6mm to 10mm in diameter. Available in 2-way and 3-way versions.

| Item No. | Description | Quantity per pack |
|----------|-----------------|-------------------|
| 55301 | Stopcock, 2-way | 6 |
| 55302 | Stopcock, 3-way | 6 |

Connectors, Y-shaped, PP

Polypropylene Y-shaped connectors with serrated ends are ideal for leak-proof tubing connections. Autoclavable.

| Item No. | Description | Quantity per pack |
|----------|------------------------------|-------------------|
| 46112 | Y-Connector, for 6mm tubing | 12 |
| 46114 | Y-Connector, for 8mm tubing | 12 |
| 46116 | Y-Connector, for 10mm tubing | 12 |



Connectors, T-shaped, PP

Polypropylene T-shaped connectors with serrated ends are ideal for leak-proof tubing connections. Autoclavable.

| Item No. | Description | Quantity per pack |
|----------|------------------------------|-------------------|
| 46111 | T-Connector, for 6mm tubing | 12 |
| 46113 | T-Connector, for 8mm tubing | 12 |
| 46115 | T-Connector, for 10mm tubing | 12 |



Connectors, 4-way, PP

Polypropylene cross-shaped connectors with serrated ends are ideal for leak-proof tubing connections. Autoclavable.

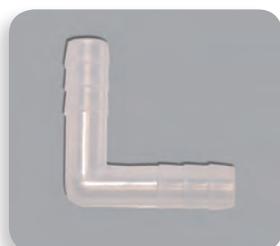
| Item No. | Description | Quantity per pack |
|----------|----------------------------------|-------------------|
| 46121 | 4-way Connector, for 6mm tubing | 12 |
| 46122 | 4-way Connector, for 8mm tubing | 12 |
| 46123 | 4-way Connector, for 10mm tubing | 12 |



Connectors, L-shaped, PP

Polypropylene L-shaped connectors with serrated ends are ideal for leak-proof tubing connections. Autoclavable.

| Item No. | Description | Quantity per pack |
|----------|------------------------------|-------------------|
| 46131 | L-Connector, for 6mm tubing | 12 |
| 46132 | L-Connector, for 8mm tubing | 12 |
| 46133 | L-Connector, for 10mm tubing | 12 |



Tubing Connectors Assortment, PP

A convenient assortment pack of 36 tubing connectors for your lab, usable with a variety of tubing sizes and connections. Pack includes 9 each (3 each x 3 sizes) of L-shaped, T-shaped, Y-shaped, and 4-way polypropylene connectors that are autoclavable.

| Item No. | Description |
|----------|--|
| TCA002 | Tubing Connectors Assortment, PP, pack of 36 |



Tuning Forks

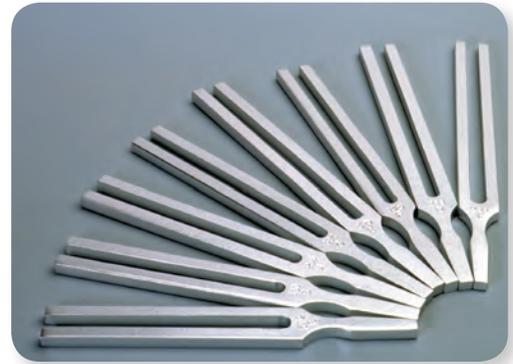
Made of aluminum alloy. The frequency and scale letter is stamped on each fork.

Individual Tuning Forks

| Item No. | Description / Frequency (Hz) | Note |
|----------|------------------------------|--------|
| TFK100 | 100 | - |
| TFK128 | 128 | C |
| TFK256 | 256 | C' |
| TFK288 | 288 | D' |
| TFK320 | 320 | E' |
| TFK341 | 341.3 | F' |
| TFK384 | 384 | G' |
| TFK426 | 426.6 | A' |
| TFK480 | 480 | B' |
| TFK512 | 512 | C'' |
| TFK640 | 640 | E'' |
| TFK1024 | 1024 | C''' |
| TFK2048 | 2048 | C'''' |
| TFK4096 | 4096 | C''''' |

Tuning Fork Sets

| Item No. | Description |
|----------|----------------------------|
| TFSET8 | Set of 8 - 256 to 512 Hz |
| TFSET13 | Set of 13 - 100 to 4096 Hz |



TFSET8



TFSET13



Tuning Fork Boxed Set of 8

Tuning Fork Boxed Set of 8 includes a wooden box with foam lining. Each tuning fork has a specific place in the foam lining die-cut for easy storage. Also contains a mallet specially designed with one hard and one soft end for use with all frequencies of forks. Contains one each of tuning forks with frequencies of 256, 288, 320, 341.3, 384, 426.6, 480, and 512 Hz.

| Item No. | Description |
|----------|----------------------------|
| TFBOX8 | Tuning Fork Boxed Set of 8 |

Tuning Fork Boxed Set of 13

Tuning Fork Boxed Set of 13 includes a wooden box with foam lining. Each tuning fork has a specific die-cut place in the foam lining for easy storage. Also contains a mallet specially designed with one hard and one soft end for use with all frequencies of forks. Contains one each of tuning forks with frequencies of 100, 128, 256, 288, 320, 341.3, 384, 426.6, 480, 512, 1024, 2048, and 4096 Hz.

| Item No. | Description |
|----------|-----------------------------|
| TFBOX13 | Tuning Fork Boxed Set of 13 |



Tuning Fork Mallet with Acrylic/Rubber Striker



Tuning fork mallet has a head with one end made of hard acrylic and the other end made of rubber. Head is mounted on a metal rod with an easy-grip wooden handle.

| Item No. | Description |
|----------|--|
| TFHAMR | Tuning Fork Mallet with Acrylic/Rubber Striker |

Tuning Fork Mallet with Rubber Striker

Economical mallet for striking tuning forks includes a spherical hard rubber head on a hardwood handle.

| Item No. | Description |
|----------|--|
| TFWHAM | Tuning Fork Mallet with Rubber Striker |



Weight Set of 9, Stainless Steel



Good quality weight set contains nine weights (one each of 1g, 5g, 10g, 50g and 100g sizes, and two each of 2g and 20g sizes) plus a set of 1 to 500mg fractional weights and a 5mg rider and forceps, in a wooden storage box. Weights are made of polished stainless steel and each weight is inscribed with its capacity.

| Item No. | Description |
|----------|----------------------------------|
| AWSS09 | Weight Set of 9, Stainless Steel |

Deluxe Slotted Weight Set of 8, Brass

Includes rack and eight brass weights, 1 x 500g, 2 x 200g, 1 x 100g, 1 x 50g, 2 x 20g, 1 x 10g,

| Item No. | Description |
|----------|--------------------------------|
| WHST08 | Deluxe Slotted Weight Set of 8 |



Deluxe Slotted Weight Set of 10, Brass

Includes rack and ten brass weights, 1 x 500g, 5 x 100g, 1 x 50g, 2 x 20g, 1 x 10g.



| Item No. | Description |
|----------|---------------------------------|
| WHST10 | Deluxe Slotted Weight Set of 10 |

Deluxe Slotted Weight Set of 12, Brass

Includes rack and twelve brass weights, 1 x 500g, 2 x 200g, 1 x 100g, 1 x 50g, 2 x 20g, 1 x 10g, 1 x 5g, 2 x 2g, 1 x 1g.

| Item No. | Description |
|----------|---------------------------------|
| WHST12 | Deluxe Slotted Weight Set of 12 |



Slotted Weight Set of 13, Brass



Includes hanger, case, and thirteen brass weights, 1 x 50g, 9 x 20g, 1 x 10g, 2 x 5g.

| Item No. | Description |
|----------|--------------------------|
| WHST13 | Slotted Weight Set of 13 |

Hooked Weight Set of 9, Brass

These weights feature flat countersunk bottoms, with a double-ended hooked rod through the middle. They can be used on balance pans, as well as hooked in tandem for lever arm studies. Set of nine weights consisting of one each 10g, 50g, 100g, 500g, 1,000g, and two each 20g and 200g weights. Please note: because of its size, the 10g weight does not include a countersunk bottom. Weights are made of polished brass and come in a storage block. Replacement weights are available separately.

| Item No. | Description |
|----------|-------------------------------|
| WHSET9 | Hooked Weight Set of 9, Brass |



Weights are designed to be hooked in tandem.



Hooked Weight Sets, Stainless Steel



WSST10

Individually calibrated weights made of high quality stainless steel. Both sets come with a sturdy plastic storage block. Set of 9 includes one each of 5g, 10g, 50g, 100g, and 500g, plus two each of 20g and 200g weights.

Set of 10 includes all of the above, plus one each 1000g weight.

| Item No. | Description |
|----------|--|
| WSST09 | Hooked Weight Set of 9, Stainless Steel |
| WSST10 | Hooked Weight Set of 10, Stainless Steel |

Hooked Weight Set of 9, Black Enamel

Set of nine weights consisting of one each 10g, 50g, 100g, 500g, 1000g, and two each 20g and 200g weights. Weights are made of cast iron with a black enamel finish and come with a sturdy plastic storage box. Weights can be hooked in tandem.

| Item No. | Description |
|----------|--------------------------------------|
| WHSBE9 | Hooked Weight Set of 9, Black Enamel |



Weights are designed to be hooked in tandem.



Weight Hangers

For use with slotted weights. Brass hanger weighs 50g. Stem length is 11.5cm. Aluminum hanger weighs 50g. Stem length is 14cm.

| Item No. | Description |
|----------|------------------------------|
| WHNG50B | Weight Hanger, 50g, Brass |
| WHNG50A | Weight Hanger, 50g, Aluminum |



Brass weight hanger



Aluminum weight hanger

Adapters

| | |
|---|---------|
| Glassware | 35 |
| Vacuum | 35 |
| Agate Mortar & Pestle Sets | 89 |
| Aprons, Rubberized | 82 |
| Aspirator Bottles (Carboys) | 18 |
| Assortments & Kits | |
| Chemistry Hardware Assortment | 79 |
| Distillation Apparatus | 76 |
| Filtering Kit | 76 |
| Filtration Glassware Sets | 56 - 59 |
| Glass Beaker Set | 11 |
| Glass Tubing | 120 |
| Glassware Assortment | 78 |
| Measuring Instruments Set | 84 |
| Organic Chemistry | |
| Glassware Sets | 77 |
| Pipette Starter Kit | 96 |
| Plastic Beakers Set | 12 |
| Plastic Pitchers Set | 14 |
| Plasticware Starter Kits | 81 |
| Porcelainware Starter Kit | 80 |
| Rubber Stoppers | 119 |
| Set of Spatulas | 107 |
| Soxhlet Extraction Apparatus | |
| with Heating Mantle | 76 |
| Test Tube Rack and Tubes | 102 |
| Tubing Connectors | 124 |

| | |
|---------------------------------|----|
| B.O.D. Bottles | 20 |
| Beaker Mugs | 11 |
| Beakers | |
| Brush | 21 |
| Glass | 10 |
| Glass Beaker Set | 11 |
| Plastic Beakers Set | 12 |
| PMP | 12 |
| Polypropylene | 12 |
| Tongs | 15 |
| With Handles | 14 |
| Bottle Top Dispensers | 55 |

Bottles

| | |
|--------------------------------|---------|
| Aspirator (Carboys) | 18 |
| B.O.D Bottles | 20 |
| Barnes Dropping | 20 |
| Media/Storage, Glass | 19 |
| Reagent, Plastic | 16 |
| Round, Glass | 20 |
| Specific Gravity | 19 |
| Storage, PP | 18 |
| Vacuum | 17 |
| Wash | 17 |
| Bowls, Stainless | 36 |
| Brush | |
| Beaker | 21 |
| Burette | 21 |
| Test Tube | 21 |
| Burettes | |
| Acrylic | 25 |
| Automatic | 25 |
| Brush | 21 |
| Clamps | 31 - 33 |
| Glass | 22 - 25 |

| | |
|---|-----|
| Carboys | 18 |
| Carrier Trays, Plastic | 123 |
| Casseroles, Porcelain | 53 |
| Centrifuge | |
| Centrifuge Tube Box | 27 |
| Hand-Operated | 27 |
| Micro Pestle | 27 |
| Microcentrifuge Tubes | 28 |
| Tubes | 26 |
| Chemistry Hardware Assortment | 79 |

Clamps

| | |
|--------------------------------------|---------|
| Burette Clamps | 31 - 33 |
| C-Clamps | 34 |
| Clamp Holders | 33 |
| Extension Clamps | 30 - 32 |
| Glassware, Jointed, Clamps | 34 |
| Hook Collar Clamps | 34 |
| Suspension Clamps | 33 |
| Swivel Clamps | 33 |

Clamps (cont.)

| | |
|---|---------|
| Test Tube Clamps | 34 |
| Tubing Clamps | 34 |
| Clay Pipe Triangles | 116 |
| Coats, Laboratory | 82 |
| Combustion Boats, Porcelain | 53 |
| Condensers, Coil, Glass | 35 |
| Conical Measuring Cylinders | 47 |
| Connectors, Tubing | 124 |
| Coplin Staining Jars, Plastic | 86 |
| Cork Borer Sets | 119 |
| Cork Stoppers | 119 |
| Coverslips, Glass | 86 |
| Crucible Tongs | 38 |
| Crucibles | |
| Glass | 37 |
| High Alumina | 39 |
| Nickel | 37 |
| Porcelain | 38 |
| Stainless Steel | 37 |
| Cryo Boxes | 42 |
| Cryo Vials | 40 |
| Culture Tubes, Glass | 120 |
| Cylinders | |
| Conical Measuring | 47 |
| Glass | 44 - 47 |
| Plastic | 48 |

Desiccators

| | |
|---|---------|
| Glass | 51 |
| Plastic | 50 |
| Plates, Porcelain | 52 |
| Dispensers, Bottle Top | 55 |
| Distillation Apparatus | 76 |
| Distilling Column, Glass | 35 |
| Draining Tray, Plastic | 121 |
| Drying / Draining Rack | 105 |
| Embedding Blocks | 88 |
| Evaporating Dishes, Porcelain | 52 |
| Extension Clamps | 30 - 32 |
| Eye Dropper, Glass | 20 |



| | | | | | |
|---|---------|--|---------|--|-----|
| Files, Triangular, Metal | 122 | Hydrometer Cylinders (Jars) | 47 | Microcentrifuge Tube Racks | 28 |
| Filter Adapter Set, Neoprene | 59 | Hydrometer Racks | 47 | Microcentrifuge Tubes | 28 |
| Filter Aid, Rubber | 59 | Hydrometers | 47 | Micrometers | 84 |
| Filter Paper | 60 | I noculating Loops, Metal and Plastic | 88 | Micropipette Stand | 96 |
| Filtering Kit | 76 | Instrument Trays | 99 | Micropipette Tips | 96 |
| Filtration Glassware Sets | 56 - 59 | J acks, Laboratory | 112 | Micropipettes, Multi-Channel | 95 |
| Flask Mug, Glass | 63 | Jars | | Micropipettes, Variable Volume | 94 |
| Flask Stand, Plastic | 61 | Hydrometer | 47 | Microscope Slides | |
| Flasks | | Storage, PP | 18 | Coverslips, Glass | 86 |
| Boiling, Glass | 60 | Jugs, Plastic | 14 | Glass, Concavity | 85 |
| Distilling, Glass | 61 | K its | | Microscope Slides (cont.) | |
| Erlenmeyer, Glass | 62 | Filtering Kit | 76 | Glass, Frosted | 85 |
| Erlenmeyer, Plastic | 63 | Glassware Starter Kits | 78 | Glass, Plain | 85 |
| Filtering, Glass | 63 | Lab Tools Kit | 122 | Storage Boxes | 87 |
| Recovery, Glass | 64 | Organic Chemistry Glassware Sets | 77 | Mini Pipettes | 98 |
| Tongs | 67 | Pipette Starter Kit | 96 | Mohr's Pinchcocks | 34 |
| Volumetric, Glass | 64 - 67 | Plasticware Starter Kits | 81 | Mohr's Pipettes, Glass | 90 |
| Forceps, Metal, Plastic | 68 | Porcelainware Starter Kit | 80 | Mortar & Pestle Sets | 89 |
| Freezer Boxes and Racks (Cryo) | 43 | Set of Spatulas | 107 | Mugs | |
| Funnels | | L ab Tools Kit | 122 | Beaker | 11 |
| Buchner | 70 | Laboratory Coats and Aprons | 82 | Flask | 63 |
| Buchner, Glass, with Fritted Disc | 70 | Laboratory Jack | 112 | N eoprene Stoppers | 118 |
| Funnel Holders, Plastic | 71 | Laboratory Scoops | | Nessler Cylinders | 46 |
| Glass | 70 | Stainless | 108 | Nickel Crucibles | 37 |
| Plastic | 69 | Plastic | 108 | O rganic Chemistry Glassware Sets | 77 |
| Porcelain | 71 | Laboratory Trays, Plastic | 123 | P arafilm Dispenser | 89 |
| Separatory | 72 | Lattice Lab System | 110 | Pasteur Pipettes | 99 |
| G eneral Lab Glassware Starter Kit | 78 | M agnetic Stir Bars | 73 | Petri Dishes | |
| Glass Crucibles | 37 | Magnifiers | 83 | Glass | 54 |
| Glass Plates | 54 | Mallets, Tuning Forks | 125 | Plastic | 53 |
| Glass Tubing Assortment | 120 | Mantles, Heating | 74 - 76 | Pipe Stem Triangles | 116 |
| Glassware Assortment | 78 | Masses | 126 | Pipette Filling Device | 93 |
| Goggles Storage Box | 89 | Measuring Cylinders | 44 - 49 | Pipettes | |
| Graduated Cylinders | 44 - 49 | Measuring Instruments | 84 | Disposable, Plastic | 99 |
| H and Tally Counter | 88 | Media/Storage, Glass Bottles | 19 | Micropipettes, Multi-Channel | 95 |
| Hardware Assortment | 79 | Micro Pestles | 27 | Micropipettes, Variable Volume | 94 |
| Heating Mantles | 74 - 76 | Micro Spatulas | 106 | Mohr, Glass | 90 |
| High Alumina Crucibles | 39 | | | Mini Pipettes | 98 |
| Hooked Weights | 126 | | | Pipette Filling Device | 93 |
| Hotplate / Magnetic Stirrers | 73 - 74 | | | | |

Index



Pipettes (cont.)

| | |
|-----------------------------|-----|
| Pipette Pumps | 93 |
| Pipette Starter Kit | 96 |
| Reagent Reservoirs | 99 |
| Serological, Glass | 92 |
| Stands | 100 |
| Tips | 96 |
| Volumetric, Glass | 91 |
| Pitchers, Plastic | 14 |
| Plasticware Starter Kit | 81 |
| Plates, Glass | 54 |
| Pocket Loupe Magnifiers | 83 |
| Policeman | |
| Rubber | 117 |
| Spatula, Plastic | 107 |
| Porcelain | |
| Casseroles | 53 |
| Combustion Boats | 53 |
| Crucibles | 38 |
| Desiccator Plates | 52 |
| Evaporating Dishes (Basins) | 52 |
| Funnels | 71 |
| Mortar & Pestle Sets | 89 |
| Porcelainware Starter Kit | 80 |
| Spatulas | 108 |
| Spot Plates | 109 |
| Streak Plates | 109 |
| Probe Thermometers | 122 |

QR coded Volumetric Flasks, Glass

66

Racks

| | |
|----------------------------|-----------|
| Hydrometer | 47 |
| Microcentrifuge Tube Racks | 28 |
| Nessler Cylinder | 100 |
| Test Tube | 101 - 105 |
| Vial | 41 |
| Reagent Reservoirs | 99 |
| Ring Supports | 114 |
| Rods, Stirring | 117 |
| Rubber Filter Aid | 59 |
| Rubber Stoppers | 118 |

Scoops

| | |
|----------------------------------|-----------|
| Plastic | 108 |
| Stainless Steel | 108 |
| Serological Pipettes, Glass | 92 |
| Slide Holding Forceps | 68 |
| Slide Storage Boxes & Trays | 87 |
| Slides, Microscope | |
| Glass, Concavity | 85 |
| Glass, Plain | 85 |
| Glass, Frosted | 85 |
| Slotted Weights | 126 |
| Soxhlet Apparatus | 76 |
| Spatulas | 106 - 108 |
| Specific Gravity Bottles | 19 |
| Spot Plates | |
| Polystyrene | 109 |
| Porcelain | 109 |
| Staining Jars, Plastic | 86 |
| Stainless Steel | |
| Bowls | 36 |
| Crucibles | 37 |
| Scoops | 108 |
| Spatulas | 106 - 108 |
| Stock Pots | 36 |
| Water Bath | 36 |
| Stir Bars, Magnetic | 73 |
| Stirring rods, Glass and Plastic | 117 |
| Stock Pots, Stainless | 36 |
| Stopcocks | 124 |
| Stoppers | 118 |
| Storage | |
| Instrument Trays | 99 |
| Micro Centrifuge Tubes | 28 |
| Slide Boxes & Trays | 87 |
| Vials | 41 |
| Streak Plates | |
| Porcelain | 109 |
| Glass | 110 |
| Support Rings | 114 |
| Support Stands | |
| A-shaped Base with Rod | 115 |
| Lattice Sets | 110 |

Support Stands (cont.)

| | |
|-------------------------------|-----|
| Pipettes | 100 |
| Plastic Bases with Rods | 115 |
| Porcelain | 115 |
| Rings | 114 |
| Steel Bases with Rods | 113 |
| Support Stand & Ring Sets | 114 |
| Triangular Supports with Rods | 115 |
| Tripod Stands | 116 |

Tape Measures

84

Test Tube

| | |
|---------|-----------|
| Baskets | 121 |
| Brushes | 21 |
| Glass | 121 |
| Plastic | 120 |
| Racks | 101 - 105 |

Thermometers 122

Tie-Dyed Laboratory Coats 82

Tips, Pipette 96

Tongs

| | |
|----------|----|
| Beaker | 15 |
| Crucible | 38 |
| Flask | 67 |

Tools Kit 122

Transfer Pipettes, Glass 91

Trays

| | |
|--------------------|-----|
| Draining | 121 |
| Instrument Storage | 99 |
| Plastic | 123 |

Triangles, Clay Pipe 116

Triangular Files 122

Tripod Magnifiers 83

Tripod Stands 116

Tubes

| | |
|-------------------------|-----|
| Culture, Glass | 120 |
| Test, Glass and Plastic | 120 |

Tubing Connectors 124

Tubing, Glass 120

Tuning Forks 125

Tweezers, Plastic 68



Terms and Conditions

| | | | |
|--|---------|--------------------------|-----|
| Utility Tanks, Stainless | 36 | Wash Bottles | 17 |
| Utility Trays, Plastic | 123 | Watch Glasses | 54 |
| Vacuum Adapters | 35 | Water Bath | 36 |
| Vacuum Filter Holder Sets | 56 - 59 | Weight Hangers | 127 |
| Vacuum Pump, Hand-Operated | 50 | Weights | 126 |
| Vernier Calipers | 84 | Well Plates | 109 |
| Vials, Storage, Plastic | 41 | Well Slides | 85 |
| Volumetric Flasks, QR Coded | 66 | Wire Gauze | 116 |
| Volumetric Glassware Starter Kit | 78 | | |
| Volumetric Pipettes, Glass | 91 | | |

- We guarantee our merchandise against defects in materials or workmanship, for one year from date of shipping.
- Products are normally available for immediate shipment from inventory. Deliveries for large orders are made as per prearranged lead times.
- We would be glad to quote on custom products manufactured exclusively for you. We also offer customized products with your name and/or logo.
- If you receive a shipment in damaged condition, please notify the carrier immediately. Also, contact us to obtain instructions for returning damaged goods.
- There is a 20% re-stocking fee for merchandise returned in good condition.
- Terms - net 30 days with approved credit.

United Scientific Supplies, Inc.

3055 N. Oak Grove Avenue
 Waukegan, IL 60087
 Phone 847-336-7556
 Fax 847-336-7571
 Email info@unitedsci.com
 www.unitedsci.com

Office hours : 8:30 am to 5:00 pm Central Time



sales@novatech-usa.com
 www.novatech-usa.com
 Tel: (866) 433-6682 Fax: (866) 433-6684
 Tel: (281) 359-8538 Fax: (281) 359-0084



United Scientific Supplies, Inc.

3055 N. Oak Grove Avenue
Waukegan, IL 60087
Phone 847-336-7556
Fax 847-336-7571
Email info@unitedsci.com
www.unitedsci.com



© Copyright 2017 - United Scientific Supplies, Inc.
Printed in PRC