

P
L
A
S
T
I
C
A
R
E

L
A
B
W
A
R
E

G
L
A
S
S
W
A
R
E



LABORATORY SUPPLIES



UNITED SCIENTIFIC SUPPLIES, INC.

4175 Grove Ave. • Gurnee, IL 60031 • Ph. 847-336-7556 • Fax 847-336-7571
www.unitedsci.com • e-mail: info@unitedsci.com



ABOUT US:

United Scientific Supplies, Inc. started out as United Trading Company in 1984. On January 1, 1993 the business was incorporated, under the name of **United Scientific Supplies, Inc.**

Ours is a family owned and operated business. We first started manufacturing and distributing scientific instruments and supplies in the mid 1950s. In the 1970s we started exporting products from India to Europe and the Middle East. In 1984, the U.S. distribution business was established in the Chicago area. Currently, most of our products

are manufactured in India and distributed from our warehouse in Gurnee, Illinois.

OUR MISSION:

Since the very beginning, our mission has been to offer quality products at good prices and to deliver them to our customers promptly. To achieve this, we maintain a large inventory. Therefore, products are normally available for immediate shipment. Deliveries for large orders are made as per prearranged lead times.

GUARANTEED QUALITY:

We guarantee our merchandise against defects in materials or workmanship, for one year from date of shipping. **Feel free to ask for samples for evaluation.**

Our products are available through laboratory supplies dealers only, located throughout the United States and Canada. For name and phone number of the dealer nearest you, please call us.

DEDICATED TO MEET CUSTOMERS' NEEDS:

We custom manufacture a wide variety of products. Due to exclusive arrangements for these products with our customers, they are not included in our catalog. We offer several advantages in **custom manufacturing** including economical tooling costs, short lead times, and very competitive pricing. Customizing products with your name and/or logo is also available at minimal extra cost. **Contact us to discuss your special needs.**



UNITED SCIENTIFIC SUPPLIES, INC.

4175 Grove Ave. • Gurnee, IL 60031 • Ph. 847-336-7556 • Fax 847-336-7571
www.unitedsci.com • e-mail: info@unitedsci.com

CONTENTS

Plasticware

Beakers	4
Measuring cylinders	4
Erlenmeyer flasks	4
Wash bottles	4, 5
Pitchers (Jugs)	5
Funnels	5, 6
Bottles, reagent	6
Bottles, dropping	6
Burettes, acrylic	7
Conical measures	7
Centrifuge tubes	7
RIA vials	7
Desiccators	8
Aspirator bottles (Carboys)	8
Trays	8
Boxes for storage	9, 10
Well (Immunology) plates	9
Stop cocks	9
Racks for vials	9, 10

Glassware

Beakers	11
Burettes	11
Measuring cylinders	12
Flasks	12, 13
Pipettes	13, 14
Funnels, separatory	15
Test tubes	15
Culture tubes	15

Pipettes

Micropipettes, variable and fixed volume	16
Micropipettes, fully autoclavable	16
Pipette filling device	17
Pipettes, multi-channel	17
Tips for pipettes	17
Pipettes, electronic	18

Pipettes, mini	18
Pipette pumps	18

Labware

Clamps and clamp holders	19, 26
Support Stands with rods	20, 21
Support and extension rings	21
Tripod Support Stands	21
Test Tube Racks	22
Pipette stands	23
Micro centrifuge tube racks	23
Test tube baskets	23
Stirring rods, glass	24
Crucibles	24
Crucible tongs	24
Filter paper	25
Triangles, pipe-stem	25
Laboratory jack	25
Spatulas	25
Funnel supports	26
Scoop, laboratory	27
Lab Tools Kit	27
Water bath	27
Watch glasses	27
Test tube brushes	27
Triangular files	28
Cork borer sets	28
Wire gauze	28
Stir bars, magnetic	28
Magnifiers	29
Microscope slides	29, 30
Slide storage boxes	30
Centrifuge, hand operated	30
Filter aid, rubber	30
Rubber stoppers	31
Embedding blocks	31
Hand tally counter	31

- **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 in Gurnee. We also stock some of the items at Clarkson Laboratory & Supply Inc.**
- **Clarkson Laboratory & Supply Inc.
350 Trousdale Drive Chula Vista California 91910 Fax: 619-425-7917**

BEAKERS

Beakers, molded in polypropylene, have excellent clarity and very good chemical resistance. These autoclavable beakers have prominently raised graduations on the outer surface. Pouring a solution becomes very convenient because of its tapered spout.



Item No.	Description	O.D. (mm)	Height (mm)	Graduated Interval (ml)	Quantity Per Pack
11110	25 ml	34	49	5	12
11111	50 ml	43	54	5	12
11112	100 ml	53	62	5	12
11113	250 ml	72	100	10	6
11114	500 ml	89	120	10	4
11115	1000 ml	110	150	25	3

MEASURING CYLINDERS (ROUND BASE)

Our Measuring Cylinders are molded as one-piece in polypropylene. These autoclavable cylinders have raised prominent graduations for easy reading and have excellent contact clarity. The broad round base provides good stability.



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

MEASURING CYLINDERS (HEXAGONAL BASE)

We also offer Measuring Cylinders with a hexagonal base. The hexagonal base provides excellent stability to the cylinder, and the tapered spout works really well while pouring any reagents.

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



ERLENMEYER FLASK

Wide-mouth, conical flask made of polypropylene. Comes with a screw cap, or can be used with a stopper. Chemical resistant, and autoclavable to 135°C. Graduated in easy to see green print.



Item No.	Description	Graduated Interval	Quantity Per Pack
FP0125	125 ml	25 ml	12
FP0250	250 ml	50 ml	12
FP0500	500 ml	50 ml	12

WASH BOTTLES, UNITARY

These Bottles are made of translucent and unbreakable low density polyethylene. The distinguishing feature that these bottles contain is the built-in delivery tube making it a one-piece wash bottle. These bottles are graduated on the outer surface to reflect an approximate volume of solution filled or dispensed.

Item No.	Description	Graduated Interval	Quantity Per Pack
36607	125 ml	25 ml	12
36605	250 ml	50 ml	12
36606	500 ml	100 ml	12



WASH BOTTLES

Wash bottles are made of Low Density Polyethylene which provides a translucent and unbreakable character. Solutions can be poured easily by squeezing the bottle lightly. The cap is fitted with a flexible polyethylene delivery tube which can be aimed wherever required.

Item No.	Description	Quantity Per Pack
36601	125 ml	12
36602	250 ml	12
36603	500 ml	6
36604	1000 ml	6



PLASTIC PITCHERS

These handy jugs, molded in polypropylene, are clear, autoclavable and have good chemical resistance. All sizes have handles for easy and convenient lifting, and feature raised graduations.



Item No.	Description	Top Flange Diameter (mm)	Height (mm)	Graduated Interval	Quantity Per Pack
81101	250 ml	83	99	10 ml	12
81102	500 ml	97	126	10 ml	12
81103	1000 ml	114	170	10 ml	6
81104	2000 ml	150	212	20 ml	6
81105	5000 ml	184	225	250 ml	1

FUNNELS STANDARD STEM

These long stem funnels have smooth walls, 60 degree cone angle and external ribs to prevent air lock. Molded in polypropylene, these clear funnels can also be steam autoclaved.

Item No.	Description	Top Inside Diameter (mm)	Stem Length (mm)	Quantity Per Pack
FSPP55	55 mm	50	39	12
FSPP65	65 mm	61	65	12
FSPP75	75 mm	74	69	12
FSPP10	100 mm	93	84	6
FSPP150	150 mm	148	125	6



FUNNELS SHORT STEM

These powder funnels feature wide, short stems. They are made of polypropylene.

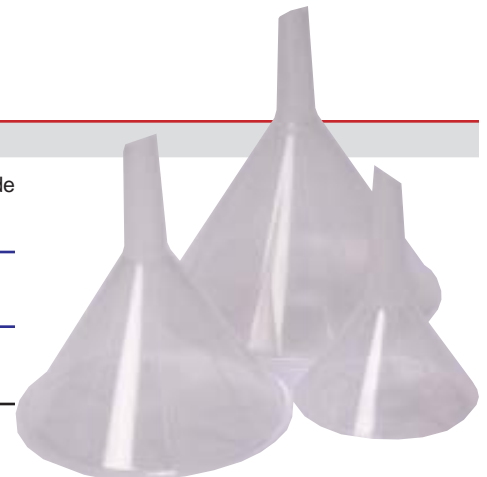
Item No.	Description	Material	Top Outside (mm)	Stem Length (mm)	Quantity Per Pack
FHD165	65 mm	HDPE	65	20	12
FHD185	85 mm	PP	85	30	12
FHD125	125 mm	HDPE	125	40	12



UTILITY FUNNELS

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

Item No.	Description	Top Outside (mm)	Stem Length (mm)	Quantity Per Pack
FPCC35	35 mm	35	32	12
FPCC52	52 mm	52	32	12
FPCC65	65 mm	65	32	12



PLASTICWARE



BUCHNER FUNNELS

These polypropylene 2-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.	Description	Top Diameter (mm)	Stem Length (mm)	Quantity PerPack
57105	70 mm	82	60	12
57105-A	90 mm	103	70	12
57106	110 mm	131	84	12



SEPARATORY FUNNELS

Providing excellent clarity and strength, this pear-shaped polypropylene separating funnel has a leakproof threaded screw cap. The polypropylene stopcock, fitted with a self-lubricating PTFE plug, is push-fitted to the stem of the funnel. Not graduated.

Item No.	Description	Quantity PerPack
81201	100 ml	2
81202	250 ml	2
81203	500 ml	2

REAGENT BOTTLES (NARROW MOUTH)

Available in polypropylene as well as polyethylene. The polypropylene bottles are rigid, translucent and have excellent contact clarity. These bottles can be autoclaved when filled, as well when they are empty. The polyethylene bottles also have excellent strength and are unbreakable. The polypropylene cap has a built in seal ring to make these bottles leakproof.

Item No. for LDPE	Item No. for PP	Description	Height	Neck Dia. ID/OD	Quantity Per Pack
33401	33301	60 ml	72mm	17/22mm	12
33402	33302	125 ml	110mm	16.5/20mm	12
33403	33303	250 ml	139mm	20/25mm	12
33404	33304	500 ml	165mm	20/25mm	12
33405	33305	1000 ml	222mm	20/25mm	6

Also available in high density polyethylene (HDPE). Call for details.



REAGENT BOTTLES (WIDE MOUTH)

Available in polypropylene and polyethylene. The polypropylene bottles are rigid, translucent and have excellent contact clarity. These bottles can be autoclaved filled as well as empty. The polyethylene bottles have excellent strength and are unbreakable. The polypropylene cap has a built in seal ring to make these bottles leakproof.

Item No. for LDPE	Item No. for PP	Description	Height	Neck Dial D/OD	Quantity Per Pack
33406	33306	60 ml	73mm	20/25mm	12
33407	33307	125 ml	100mm	27/32mm	12
33408	33308	250 ml	137mm	35/41mm	12
33409	33309	500 ml	149mm	35/41mm	12
33410	33310	1000 ml	218mm	35/41mm	6

Also available in high density polyethylene (HDPE). Call for details.



DROPPING BOTTLES

Blown in low density polyethylene, these dropping bottles dispense small uniform drops of liquid when pressed lightly.

Item No.	Description	Quantity Per Pack
22101	60 ml	12
22102	125 ml	12



ACRYLIC BURET



This buret has a clear acrylic body and leakproof stopcock with a self lubricating PTFE plug. Each buret is individually calibrated for maximum accuracy. Acrylic body is resistant to dilute mineral acids and bases except Hydrofluoric Acid and Ammonium Hydroxide. It can be used with pHs ranging from 1 to 14 and with up to 5% weight per weight of acids or 30% of bases. Graduations are at 0.1ml.

Item No.	Description	Overall Length(mm)	Quantity Per Pack
11501	25 ml	570	1
11502	50 ml	735	1
11503	100 ml	835	1



CONICAL MEASURES

These conical measures are very good for measuring small quantities of reagents. Molded in polypropylene, these autoclavable measures have a hexagonal base which provides it excellent stability. The measures are clear, have good chemical resistance and have raised graduations for easy reading.

Item No.	Description	Top Flange Diameter (mm)	Height (mm)	Graduated Interval	Quantity Per Pack
81150	12 ml	29	67	1 ml	12
81151	25 ml	50	70	1 ml	12
81152	50 ml	53	91	2 ml	12
81153	125 ml	64	122	5 ml	12
81154	200 ml	81	147	5 ml	12



CENTRIFUGE TUBE, ROUND BOTTOM

Molded in polypropylene and polycarbonate, these tubes have excellent clarity and are strong enough to be used up to 50,000xG. These tubes can be autoclaved; however, repeated autoclaving in PC tubes reduces their mechanical strength.

Item No.	Description	Material	Quantity Per Pack
63401	16 ml	PP	50
63402	50 ml	PP	50
63411	16 ml	PC	25
63412	50 ml	PC	25
63421	Cap for 16 ml tube		100
63422	Cap for 50 ml tube		100

PP=polypropylene PC=polycarbonate



OAK RIDGE CENTRIFUGE TUBE

Oak Ridge centrifuge tubes, made of polypropylene, have excellent contact clarity and can be used up to 50,000xG. The screw cap is fitted with a silicon O-Ring making it totally leakproof. These tubes should not be used below 4°C.

Item No.	Description	Quantity Per Pack
63501	30 ml	12
63502	50 ml	12

RIA VIAL

Polypropylene or Polystyrene tubes that are generally used in RIA, coagulation and bacteriology. The polypropylene tubes are clear and can withstand 3000 RCF during centrifugation while the transparent polystyrene tubes can withstand 1400 RCF. The polypropylene tubes can accept common acids, alkalies and solvents at room temperature while the PS tubes can accept mild bases, weak acids but not organic solvents.

Item No.	Description	Material	Quantity Per Pack
64001	12 x 75 mm	Polystyrene	500
64002	12 x 75 mm	Polypropylene	500
64011	Cap for 12mm RIA tube		100



DESICCATORS

These autoclavable desiccators are made of polypropylene (PP) and polycarbonate and can hold vacuum up to 740mm Hg for 24 hours without any greasing. The PP stopcock has a self lubricating PTFE plug that works to create the vacuum, shut it off and release it. Non-vacuum (Plain) desiccators are physically the same as vacuum desiccators. Only difference is the absence of stopcock. Grease should be applied on the flanges to make it air-tight.

Non-Vacuum Dessicators

Item No.	Description	Flange OD/ID (mm)	Plate OD (mm)	Height (mm)	Max Clearance* (mm)	Quantity Per Pack
55201	6"	171/150	138	204	123	1
55202	8"	232/199	190	257	166	1
55203	10"	276/240	248	315	207	1

*Maximum clearance above plate.

Vacuum Dessicators

Item No.	Description	Flange OD/ID (mm)	Plate OD (mm)	Height (mm)	Max Clearance* (mm)	Quantity Per Pack
55204	6"	171/150	138	204	123	1
55205	8"	232/199	190	257	166	1
55206	10"	276/240	248	315	207	1

*Maximum clearance above plate



ASPIRATOR BOTTLES (CARBOYS)

Made of polypropylene, autoclavable, durable and dependable. The leakproof spigot screwed to the bottle body requires only a half turn to open or close. These bottles are used for storing or dispensing distilled water or other laboratory solutions. Threads should be totally disengaged before autoclaving.

Item No.	Description	Quantity Per Pack
34101	5 L	1
34102	10 L	1
34103	20 L	1



LABORATORY TRAY

Multi-purpose polypropylene molded trays can be used for sterilizing, drying glassware, porcelain ware, and other laboratory supplies. These steam autoclavable trays have tapered walls designed for nesting.

Item No.	Dimensions	Quantity Per Pack
81701	450 x 350 x 75mm	10
81702	375 x 300 x 75mm	10



UTILITY TRAY

Steam autoclavable, polypropylene molded tray can be used for sterilizing, drying labware, and are ideal for storage of labware.

Item No.	Dimensions	Quantity Per Pack
81721	375 x 350 x 130mm	6



CARRIER TRAY

Steam autoclavable, polypropylene molded tray has a built-in handle for easy carrying of reagents or laboratory ware using one hand.

Item No.	Dimensions	Quantity Per Pack
81731	380 x 240 x 115mm	6





PLASTICWARE

STORAGE BOXES



Polypropylene and square in shape to help save shelf space. These boxes have polypropylene caps, are autoclavable and provide good chemical resistance and heavy duty service.

Item No.	Description	Quantity Per Pack
81900	250 ml	12
81901	500 ml	12
81902	1000 ml	12



MAGENTA BOX

Made of tough and transparent polycarbonate, the Magenta Box is useful for observing, but not disturbing, specimens during tissue culture experiments. The square box is autoclavable. Cover is made of polypropylene. Dimensions are 75mm x 75mm x 100mm.

Item No.	Description	Quantity Per Pack
81801	Magenta Box	12

IMMUNOLOGY (WELL) PLATES



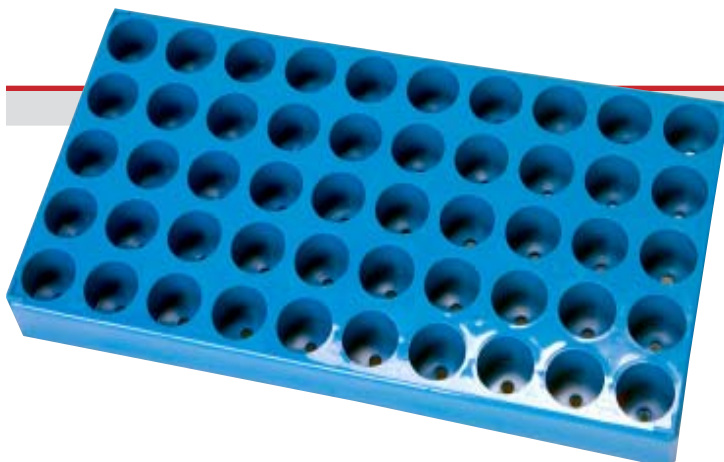
These 96-well plates are made of optically clear, non-toxic Polystyrene. Available with Flat-bottom or U-bottom wells. Both well designs include an alpha-numeric index molded into the plate. Packaged individually, plates are available in sterile or non-sterile versions. Dimensions of all plates are 128mm x 85mm.

Item No.	Description	Quantity Per Pack
66901	Flat-Bottom Immunology Plate, Non-Sterile	72
66902	U-Bottom Immunology Plate, Non-Sterile	72
66901-S	Flat-Bottom Immunology Plate, Sterile	72
66902-S	U-Bottom Immunology Plate, Sterile	72

STOP COCKS

Polypropylene Stop Cocks are fitted with a PTFE plug and have serrated tabulations that accept 6mm to 100mm diameter tubing. These stop cocks are leak proof and are available in two types, i.e. 2-way and 3-way.

Item No.	Description	Quantity Per Pack
55301	Stop cock 2-way	6
55302	Stop cock 3-way	6



RACK FOR SCINTILLATION VIAL

Polypropylene molded racks for Scintillation Vials are autoclavable and corrosion resistant. These rugged and stable racks can hold scintillation vials for convenient storage, handling and sample preparation.

Item No.	Description	Quantity Per Pack
65101	Rack for 90 vials of 8ml capacity	2
65102	Rack for 50 vials of 20ml capacity	2



CRYO RACK

Molded in polypropylene, our Cryo Racks are tough, autoclavable, and hold 50 vials. Vials can be unscrewed without actually picking them up as the vial will lock in each well, and will not twist while unscrewing. Rack comes with four anti-skid rubber feet, and each well is identifiable with an alphanumeric index.

Item No.	Description	Quantity Per Pack
66201	Cryo Rack	2

CRYO BOX (POLYCARBONATE)

These Cryo Boxes are molded in polycarbonate, making them extra strong and autoclavable. They are designed to be used at temperatures ranging from -190°C to $+121^{\circ}\text{C}$. The transparent covers provide a good view of the contents, and are numbered for better inventory control.

Item No.	Description	Quantity Per Pack
66301	81 places for 1.0ml or 1.8ml vials	4
66302	81 places for 4.5ml vials	4
66303	100 places for 1.0ml or 1.8ml vials	4



CRYO BOX (POLYPROPYLENE)

Molded in polypropylene, these cryo boxes feature hinged box tops. Available in 2 different sizes, these autoclavable boxes feature an alphanumeric index for easy identification of different vials placed inside.



Item No.	Description	Quantity Per Pack
66501	81 places for 1.0ml or 1.8ml vials	4
66502	100 places for 1.0ml or 1.8ml vials	4

MICRO CENTRIFUGE TUBE TWIN RACK

This twin purpose rack can be used for both 0.5ml and 1.5ml micro centrifuge tubes. Each side has 108 holes for 0.5ml and 1.5ml MCTs respectively. The transparent cover provides an excellent view as well as protection for the tubes. Each face of the base has an alphanumeric index for easy identification of tubes.

Item No.	Description	Quantity Per Pack
63211	Rack for 0.5ml and 1.5ml MCTs	4



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
Polypropylene (PP)	135	0	Translucent	Yes
Polystyrene (PS)	90	20	Clear	No

BEAKERS

Beakers, Borosilicate glass, are ideal for heating, because of optimum balance between thermal resistance and mechanical resistance achieved from controlled wall thickness at the sides, radius and bottom. Spouts are designed for easy pouring.

BEAKERS, LOW FORM

Item No.	Capacity	Quantity Per Pack	Quantity Per Case
BG1000-5	5ml	12	192
BG1000-10	10ml	12	192
BG1000-25	25ml	12	192
BG1000-50	50ml	12	192
BG1000-100	100ml	12	192
BG1000-150	150ml	12	192
BG1000-250	250ml	12	96
BG1000-400	400ml	12	48
BG1000-500	500ml	12	48
BG1000-600	600ml	6	48
BG1000-1000	1000ml	6	24
BG1000-2000	2000ml	4	16
BG1000-3000	3000ml	4	16



BEAKER, BERZELIUS, TALL FORM WITH SPOUT

Item No.	Capacity	Quantity Per Pack	Quantity Per Case
BG1060-100	100 ml	12	192
BG1060-250	250 ml	12	192
BG1060-500	500 ml	12	96
BG1060-1000	1000 ml	6	24

BURETTES

Borosilicate glass burettes offer accuracy, reliability and durability even after repeated usage. Each burette is individually calibrated for precision and high accuracy. All graduations are durable in white enamel. The burette stopcocks are specially ground so that they provide leak resistant operation. Burettes with general purpose (gp) screwthread stopcocks with PTFE keys offer excellent flow control. Also, burettes with these gp stopcocks have unique Fluon/glass seals that prevent leakage.

BURETTES, FITTED WITH BOROFLO GENERAL PURPOSE STOPCOCKS WITH PTFE KEYS, ACCURACY AS PER CLASS "B"

Item No.	Capacity	Graduation Interval	Quantity Per Pack	Quantity Per Case
BR2122-10	10ml	0.05ml	1	24
BR2122-25	25ml	0.10ml	1	24
BR2122-50	50ml	0.10ml	1	24
BR2122-100	100ml	0.02ml	1	24

**Also available in Class "A" with individual factory certificate. Call for prices.*

BURETTES, STRAIGHT BORE STOPCOCK, ACCURACY AS PER CLASS "B"

Item No.	Capacity	Graduation Interval	Quantity Per Pack	Quantity Per Case
BR2124-1	1ml	0.01ml	1	24
BR2124-2	2ml	0.02ml	1	24
BR2124-5	5ml	0.02ml	1	24
BR2124-10	10ml	0.05ml	1	24
BR2124-25	25ml	0.10ml	1	24
BR2124-50	50ml	0.10ml	1	24
BR2124-100	100ml	0.20ml	1	24

**Also available in Class "A" with individual factory certificate. Call for prices.*

CYLINDERS

Borosilicate cylinders with pour spouts feature single "to contain" scales. Hexagonal base is available in all-glass or detachable plastic versions. Plastic-base cylinders include bumper guards.



CYLINDERS, ALL-GLASS, HEX BASE

Item No.	Capacity	Graduation Interval	Quantity Per Pack
CY3022-5	5 ml	0.1 ml	10
CY3022-10	10 ml	0.2 ml	10
CY3022-25	25 ml	0.5 ml	20
CY3022-50	50 ml	1 ml	20
CY3022-100	100 ml	1 ml	20
CY3022-250	250 ml	2 ml	20
CY3022-500	500 ml	5 ml	10
CY3022-1000	1000 ml	10 ml	10
CY3022-2000	2000 ml	20 ml	4



CYLINDERS, PLASTIC HEX BASE

Item No.	Capacity	Graduation Interval	Quantity Per Pack
CY137-5	5 ml	0.1 ml	10
CY137-10	10 ml	0.2 ml	10
CY137-25	25 ml	0.5 ml	10
CY137-50	50 ml	1 ml	10
CY137-100	100 ml	1 ml	10
CY137-250	250 ml	2 ml	10

FLASKS

Borosilicate glass flasks are designed to give the best combination of thermal shock resistance, physical strength and resistance to chemical attack. The flasks with interchangeable joints are particularly suitable for all glass apparatus assemblies.

FLASKS, BOILING, FLORENCE, FLAT BOTTOM

Item No.	Capacity	Quantity Per Pack	Quantity Per Case
FG4060-25	25 ml	12	192
FG4060-50	50 ml	12	192
FG4060-100	100 ml	12	192
FG4060-150	150 ml	12	192
FG4060-250	250 ml	12	192
FG4060-300	300 ml**	12	192
FG4060-500	500 ml	6	96
FG4060-1000	1000 ml	6	48
FG4060-2000	2000 ml	4	24
FG4060-3000	3000 ml	4	24

** suitable for use in Polenske Apparatus



FLASKS, BOILING, ROUND BOTTOM



Item No.	Capacity	Quantity Per Pack	Quantity Per Case
FG4260-25	25 ml	12	192
FG4260-50	50 ml	12	192
FG4260-100	100 ml	12	192
FG4260-150	150 ml	12	192
FG4260-250	250 ml	12	192
FG4260-500	500 ml	6	96
FG4260-1000	1000 ml	6	48
FG4260-2000	2000 ml	4	24
FG4260-3000	3000 ml	4	24

FLASKS, DISTILLING, WITH SIDE ARM

Item No.	Capacity	Quantity Per Pack	Quantity Per Case
FG4620-100	100 ml	100	96
FG4620-125	125 ml	125	96
FG4620-250	250 ml	250	96
FG4620-500	500 ml	500	48
FG4620-1000	1000 ml	1000	24
FG4620-2000	2000 ml	2000	12



FLASKS, ERLLENMEYER, CONICAL, NM



Item No.	Description	Quantity Per Pack	Quantity Per Case
FG4980-10	10 ml	12	96
FG4980-25	25 ml	12	96
FG4980-50	50 ml	12	96
FG4980-100	100 ml	12	96
FG4980-150	150 ml	12	96
FG4980-250	250 ml	12	96
FG4980-500	500 ml	12	48
FG4980-1000	1000 ml	6	48
FG4980-2000	2000 ml	4	24
FG4980-3000	3000 ml	4	24
FG4980-5000	5000 ml	4	12



FLASKS

FLASKS, FILTERING, HEAVY WALL, BOLT NECK WITH TUBULATION

Item No.	Capacity	Quantity Per Pack	Quantity Per Case
FG5340-50	50 ml	12	96
FG5340-100	100 ml	12	96
FG5340-250	250 ml	12	96
FG5340-500	500 ml	6	48
FG5340-1000	1000 ml	4	24
FG5340-2000	2000 ml	4	24
FG5340-5000	5000 ml	2	12

FLASKS, VOLUMETRIC, WITH I/C STOPPER, CLASS "B"

Item No.	Capacity	Quantity Per Pack	Quantity Per Case
FG5641-5	5 ml	6	72
FG5641-10	10 ml	6	72
FG5641-25	25 ml	6	72
FG5641-50	50 ml	4	48
FG5641-100	100 ml	4	48
FG5641-200	200 ml	4	24
FG5641-220	250 ml	4	24
FG5641-500	500 ml	2	12
FG5641-1000	1000 ml	2	8
FG5641-2000	2000 ml	2	8

FLASKS, VOLUMETRIC, WITH I/C, PLASTIC STOPPER, CLASS "B"

Item No.	Capacity	Quantity Per Pack	Quantity Per Case
FG5642-25	25 ml	6	72
FG5642-50	50 ml	4	48
FG5642-100	100 ml	4	48
FG5642-200	200 ml	4	24
FG5642-220	250 ml	4	24
FG5642-500	500 ml	2	12
FG5642-1000	1000 ml	2	8



PIPETTES, VOLUMETRIC

PIPETTES, TRANSFER, VOLUMETRIC, ACCURACY AS PER CLASS "A", WITH FACTORY CERTIFICATE

Item No.	Capacity	Quantity Per Pack	Quantity Per Case
PT7100-A	1	10	50
PT7100-B	2	10	50
PT7100-C	5	10	50
PT7100-D	10	10	50
PT7100-E	20	10	50
PT7100-F	25	10	50
PT7100-G	50	10	50
PT7100-H	100	10	50

PIPETTES, TRANSFER, VOLUMETRIC, ACCURACY AS PER CLASS "B"

Item No.	Capacity	Quantity Per Pack	Quantity Per Case
PT7102-A	1	10	50
PT7102-B	2	10	50
PT7102-C	5	10	50
PT7102-D	10	10	50
PT7102-E	20	10	50
PT7102-F	25	10	50
PT7102-G	50	10	50
PT7102-H	100	10	50

PIPETTES, MEASURING (MOHR TYPE)

BOROSIL brand pipettes are manufactured from specially selected heavy-wall machine-drawn borosilicate accurate bore glass tubing. They have precision formed jets and bevel ground ends to resist chipping. The graduation marks are in durable white enamel or amber stain, both are resistant to normal laboratory agents and repeated washing. All the pipettes are individually measured and then marked. Accuracy is ensured between any two readings, because of uniformity of bore. The pipettes can be autoclaved and if necessary can be flamed for sterilization.



PIPETTES, MEASURING (MOHR TYPE), ACCURACY AS PER CLASS "A" OF I.S. 4162:1967, WITH FACTORY CERTIFICATE

Item No.	Capacity	Graduation Interval	Quantity Per Pack	Quantity Per Case
PM7059-A	0.1ml**	0.01ml	10	50
PM7059-B	0.2ml**	0.01ml	10	50
PM7059-C	1.0ml	0.01ml	10	50
PM7059-D	1.0ml**	0.1ml	10	50
PM7059-E	2.0ml	0.02ml	10	50
PM7059-F	2.0ml**	0.1ml	10	50
PM7059-G	5.0ml	0.05ml	10	50
PM7059-H	5.0ml**	0.1ml	10	50
PM7059-I	10.0ml	0.1ml	10	50
PM7059-J	25.0ml	0.2ml	10	50

** Not covered by IS specifications.

PIPETTES MEASURING (MOHR TYPE), ACCURACY AS PER CLASS "B" OF I.S. 4162:1967

Item No.	Capacity	Graduation Interval	Quantity Per Pack	Quantity Per Case
PM7060-A	0.1ml**	0.01ml	10	50
PM7060-B	0.2ml**	0.01ml	10	50
PM7060-C	1.0ml	0.01ml	10	50
PM7060-D	1.0ml**	0.1ml	10	50
PM7060-E	2.0ml	0.02ml	10	50
PM7060-F	2.0ml**	0.1ml	10	50
PM7060-G	5.0ml	0.05ml	10	50
PM7060-H	5.0ml**	0.1ml	10	50
PM7060-I	10.0ml	0.1ml	10	50
PM7060-J	25.0ml	0.2ml	10	50

** Not covered by IS specifications.

PIPETTES, SEROLOGICAL



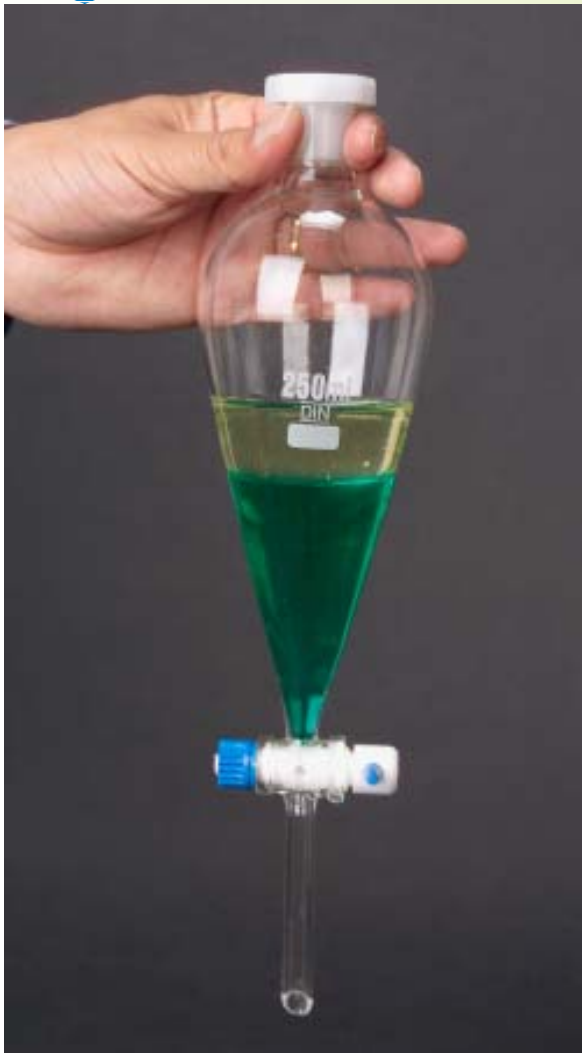
PIPETTES, SEROLOGICAL ACCURACY AS PER CLASS "A", WITH FACTORY CERTIFICATE

Item No.	Capacity	Graduation Interval	Quantity Per Pack	Quantity Per Case
PS7079-A	0.1ml	0.01ml	10	50
PS7079-B	0.2ml	0.01ml	10	50
PS7079-C	1.0ml	0.01ml	10	50
PS7079-D	1.0ml	0.1ml	10	50
PS7079-E	2.0ml	0.02ml	10	50
PS7079-F	2.0ml	0.1ml	10	50
PS7079-G	5.0ml	0.05ml	10	50
PS7079-H	5.0ml	0.1ml	10	50
PS7079-I	10.0ml	0.1ml	10	50
PS7079-J	25.0ml	0.2ml	10	50

PIPETTES, SEROLOGICAL ACCURACY AS PER CLASS "B"

Item No.	Capacity	Graduation Interval	Quantity Per Pack	Quantity Per Case
PS7080-A	0.1ml	0.01ml	10	50
PS7080-B	0.2ml	0.01ml	10	50
PS7080-C	1.0ml	0.01ml	10	50
PS7080-D	1.0ml	0.1ml	10	50
PS7080-E	2.0ml	0.02ml	10	50
PS7080-F	2.0ml	0.1ml	10	50
PS7080-G	5.0ml	0.05ml	10	50
PS7080-H	5.0ml	0.1ml	10	50
PS7080-I	10.0ml	0.1ml	10	50
PS7080-J	25.0ml	0.2ml	10	50

SEPARATORY FUNNELS



The stopcock bores, body openings, and stems of these funnels are carefully aligned to provide smooth, even liquid flow with fast cut-off. Available in conical or globe shapes, both versions include a PTFE key and stopcock, and a polyethylene stopper.

SEPARATORY FUNNEL, CONICAL SHAPE

Item No.	Capacity	Quantity Per Pack	Quantity Per Case
SF149-25	25 ml	2	20
SF149-50	50 ml	2	20
SF149-100	100 ml	2	20
SF149-250	250 ml	2	20
SF149-500	500 ml	2	20
SF149-1000	1000 ml	1	10
SF149-2000	2000 ml	1	10

SEPARATORY FUNNEL, GLOBE SHAPE (not shown)

Item No.	Capacity	Quantity Per Pack	Quantity Per Case
SF152-25	25 ml	2	20
SF152-50	50 ml	2	20
SF152-100	100 ml	2	20
SF152-250	250 ml	2	20
SF152-500	500 ml	2	20
SF152-1000	1000 ml	1	10
SF152-2000	2000 ml	1	10

TEST TUBES

TUBES, TEST WITH RIM

Item No.	Dimensions (O.D. x Length)	Quantity Per Pack	Quantity Per Case
TT9800-A	10 x 75	72	720
TT9800-B	12 x 75	72	720
TT9800-C	12 x 100	72	720
TT9800-D	15 x 125	72	720
TT9800-E	15 x 150	72	720
TT9800-F	18 x 150	72	720
TT9800-G	25 x 100	72	720
TT9800-H	25 x 150	72	720
TT9800-I	25 x 200	72	720
TT9800-J	32 x 200	36	360
TT9800-K	38 x 200	36	360

TUBES, TEST WITHOUT RIM

Item No.	Dimensions (O.D. x Length)	Quantity Per Pack	Quantity Per Case
TT9800-A	10 x 075	72	720
TT9800-B	12 x 075	72	720
TT9800-C	12 x 100	72	720
TT9800-D	15 x 125	72	720
TT9800-E	15 x 150	72	720
TT9800-F	16 x 100	72	720
TT9800-G	18 x 150	72	720
TT9800-H	25 x 100	72	720
TT9800-I	25 x 150	72	720
TT9800-J	25 x 200	72	720
TT9800-K	32 x 200	36	360
TT9800-L	38 x 200	36	360



CULTURE MEDIA TUBE, ROUND BOTTOM, WITH SCREW CAP AND RUBBER LINER

Item No.	Capacity	Dimensions (O.D. x Length)	Quantity Per Pack	Quantity Per Case
TT9900-5	5 ml	16 mm x 75 mm	275	825
TT9900-10	10 ml	16 mm x 125 mm	115	345
TT9900-30	30 ml	25 mm x 100 mm	240	720
TT9900-60	60 ml	25 mm x 200 mm	100	300

CULTURE MEDIA TUBE, FLAT BOTTOM, WITH SCREW CAP AND RUBBER LINER

Item No.	Capacity	Dimensions (O.D. x Length)	Quantity Per Pack	Quantity Per Case
TT9910-5	5 ml	16 mm x 50 mm	150	450
TT9910-15	15 ml	25 mm x 57 mm	120	360
TT9910-30	30 ml	25 mm x 95 mm	240	720

PIPETTES



VARIABLE VOLUME MICROPIPETTES

Featuring autoclavable tipcones and built-in tip ejectors, our Variable Volume Micropipettes are offered in eight volume ranges 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 9001:2000 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	Vol. (µl)	Accuracy (±%)	Accuracy (±µl)	Precision (≤%)	Precision (≤µl)	Compatible Tips
PVV-2	0.2 – 2.0µl	0.01	0.2	12.0	0.024	6.0	0.012	20µl
			1.0	2.5	0.025	1.5	0.015	
			2.0	1.5	0.03	0.7	0.014	
PVV-10	0.5-10µl	0.1	0.5	5.0	0.025	2.8	0.014	20µl
			5.0	1.5	0.075	0.8	0.04	
			10.0	1.0	0.1	0.4	0.04	
PVV-20	2-20µl	0.1	2.0	5.0	0.1	1.5	0.03	20µl
			10.0	1.0	0.1	0.6	0.06	
			20.0	1.0	0.2	0.3	0.06	
PVV-50	5-50µl	1.0	5.0	2.5	0.125	1.5	0.075	200µl
			25.0	0.7	0.175	0.3	0.075	
			50.0	0.7	0.35	0.3	0.15	
PVV-100	10-100µl	1.0	20.0	2.0	0.25	0.7	0.07	200µl
			50.0	0.7	0.4	0.3	0.15	
			100.0	0.8	0.8	0.2	0.15	
PVV-200	20-200µl	1.0	40.0	1.5	0.5	0.3	0.14	200µl
			100.0	0.6	1.0	0.3	0.3	
			200.0	0.6	1.2	0.2	0.2	
PVV-1000	100-1000µl	10.0	200.0	1.2	1.6	0.3	0.3	1000µl
			500.0	0.6	3.0	0.2	1.0	
			1000.0	0.5	5.0	0.2	2.0	
PVV-5000	1-5ml	100.0	1000.0	0.8	7.5	0.2	1.5	5 ml
			2500.0	0.6	15.0	0.2	5.0	
			5000.0	0.6	30.0	0.2	10.0	
PVV-10000	2-10ml	100.0	2000.0	1.2	15.0	0.2	3.0	10 ml
			5000.0	0.6	30.0	0.2	15.	
			10000.0	0.6	60.0	0.2	30.0	



FULLY AUTOCLAVABLE MICROPIPETTES

Constructed of fully autoclavable plastic, with a stainless steel piston, these ergonomically designed pipettes will provide you with many years of dependable service. Manufactured in an ISO 9001:2000 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. Available in a wide range of variable and fixed volume sizes.

VARIABLE VOLUME (FULLY AUTOCLAVABLE):

Item No.	Volume Range	Increment	Volume (µl)	Accuracy (±%)	Accuracy (±µl)	Precision (≤%)	Precision (≤µl)	Compatible Tips
PAV-2	0.2 – 2.0 µl	0.01	0.2	12.0	0.024	6.0	0.012	20µl
			1.0	2.5	0.025	1.5	0.015	
			2.0	1.5	0.03	0.7	0.014	
PAV-10	0.5-10µl	0.1	0.5	5.0	0.025	2.8	0.014	20µl
			5.0	1.5	0.075	0.8	0.04	
			10.0	1.0	0.1	0.4	0.04	
PAV-20	2-20µl	0.1	2.0	5.0	0.1	1.5	0.03	20µl
			10.0	1.0	0.1	0.6	0.06	
			20.0	1.0	0.2	0.3	0.06	
PAV-50	5-50µl	1.0	5.0	2.5	0.125	1.5	0.075	200µl
			25.0	0.7	0.175	0.3	0.075	
			50.0	0.7	0.35	0.3	0.15	
PAV-100	10-100µl	1.0	20.0	2.0	0.25	0.7	0.07	200µl
			50.0	0.7	0.4	0.3	0.15	
			100.0	0.8	0.8	0.2	0.15	
PAV-200	20-200µl	1.0	40.0	1.5	0.5	0.3	0.14	200µl
			100.0	0.6	1.0	0.3	0.3	
			200.0	0.6	1.2	0.2	0.2	
PAV-1000	100-1000µl	10.0	200.0	1.2	1.6	0.3	0.3	1000µl
			500.0	0.6	3.0	0.2	1.0	
			1000.0	0.5	5.0	0.2	2.0	
PAV-5000	1-5ml	100.0	1000.0	0.8	7.5	0.2	1.5	5 ml
			2500.0	0.6	15.0	0.2	5.0	
			5000.0	0.6	30.0	0.2	10.0	
PAV-10000	2-10ml	100.0	2000.0	1.2	15.0	0.2	3.0	10 ml
			5000.0	0.6	30.0	0.2	15.	
			10000.0	0.6	60.0	0.2	30.0	





PIPETTES

PIPETTE FILLING DEVICE

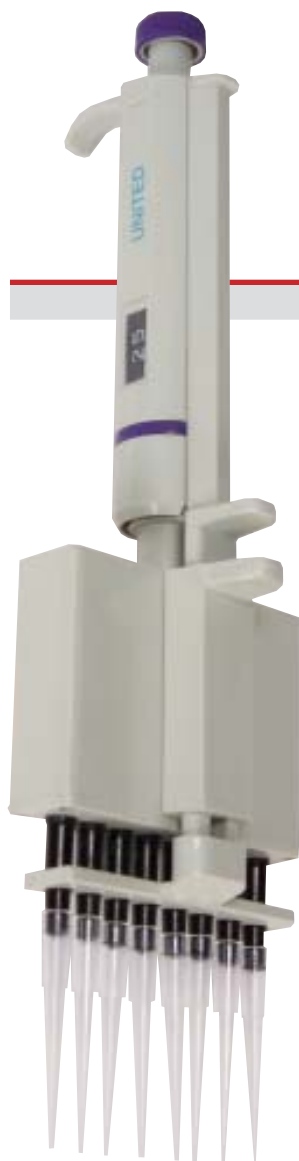
This device is an efficient and reliable electronic pipette filling instrument. It is designed for ease and comfort to suit all types of liquid handling needs in every laboratory. Features include LED charging indicators, adjustable pump speed, comfort grip and multiple housing color combinations.

Also, a universal Silicon collet is provided to accept all standard pipettes up to 100 ml. 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.



Item No.	Description
MPF-CY-110V	Cream body/yellow collet and plungers
MPF-CR-110V	Cream body/red collet and plungers
MPF-CV-110V	Cream body/violet collet and plungers
Replacement Filters:	
MPF-45-pk/5	Replacement filters 0.45 µm
MPF-20-pk/5	Replacement filters 0.2 µm



MULTI CHANNEL PIPETTES

These 8-channel pipettes feature high accuracy and precision, and ease of use for 96-well plates. Manufactured in an ISO 9001:2000 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.

- Extended volume range up to 300µl
- Comfortable, light weight and soft plunger movement
- Separate tip ejector allows for easy tip ejection
- Recommended for DNA amplifications, kinetic studies, molecule screening, ELISA, etc.

8 Channel Pipettes

Item No.	Volume Range	Increment	Volume (µl)	Accuracy (±%)	Accuracy (±µl)	Precision (≤%)	Precision (≤µl)	Compatible Tips*
PMC-8/10	0.5 – 10.0 µl	0.1µl	0.5	8.0	0.04	5.0	0.025	20µl
			5.0	4.0	0.2	2.0	0.1	
			10.0	2.0	0.2	1.0	0.1	
PMC-8/50	5-50µl	1.0µl	5.0	3.0	0.15	2.0	0.1	200µl
			25.0	1.0	0.25	0.3	0.075	
			50.0	1.0	0.5	0.5	0.25	
PMC-8/100	20-100µl	1.0µl	20.0	1.5	0.3	1.0	0.2	200µl
			50.0	1.0	0.5	0.3	0.15	
			100.0	1.0	1.0	0.3	0.3	
PMC-8/300	40-300µl	1.0µl	40.0	1.5	0.6	0.8	0.24	300µl
			100.0	1.0	1.0	0.5	0.5	
			300.0	0.7	2.1	0.3	0.9	

REPLACEMENT TIPS

We recommend using the following tips to assure optimal compatibility with United pipettes.

Item No.	Tip Size (ul)	Description/ Color	Quantity Per Pack
T 20UL-N	20 µl	NATURAL	1,000
T 200UL -Y	200 µl	YELLOW	1,000
T 1000UL-B	1000 µl	BLUE	1,000
T 5ML-N	5 ml	NATURAL	500
T 10ML-N	10 ml	NATURAL	400



PIPETTES



ELECTRONIC PIPETTES

Ergonomically designed and easy to operate, our electronic pipettes are available in 6 models to meet all of your pipetting needs. Features include:

- Four operating modes: Step, Dilution, Standard, and Calibration mode.
- Variable working speeds, adjustable on a scale of 1 to 5.
- Large, single rocker button for both filling and dispensing.
- Two-line large alphanumeric liquid crystal display.
- Built-in tip ejector.
- Easily re-calibrated by the user.
- Can be used while being re-charged.

Each pipette is individually calibrated according to ISO 8655 standards. A calibration certificate is provided with each pipette. A charging unit is included at no additional cost.

Item No.	Volume Range (µl)	Increments (µl)	Compatible Tips
PME-10	0.2 – 10 µl	0.05 µl	10 µl
PME-120	5 - 120 µl	0.5 µl	200 µl
PME-300	20 - 300 µl	1.0 µl	300 µl
PME-1000	50 - 1000 µl	5.0 µl	1000 µl
PME-5000	100 - 5000 µl	10.0 µl	5 ml
PME-10000	500 - 10000 µl	50.0 µl	10 ml



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 "Li'lPet" to be used for reverse pipetting and repetitive pipetting. The tip cone of "Li'lPet" (5µl, 10µl, 20µl) is designed to accept both regular 200µl tips or ultra micro 20µl tips.

These pipettes are fully autoclavable at 121°C and 15psi. The length of the pipette is 130mm, that is an optimum size for user comfort during pipetting. Plungers are color coded for different volumes for easy identification in the lab.

Each pipette is individually calibrated per DIN 12650 standards. Also, the pipettes are manufactured in an ISO 9002 certified facility.



Item No.	Description	Accuracy(%)	C.V. (%)
PMP005	5 µl	1.5	1.0
PMP010	10 µl	1.0	1.0
PMP020	20 µl	0.5	0.5
PMP025	25 µl	0.5	0.5
PMP050	50 µl	0.4	0.3
PMP100	100 µl	0.3	0.3

PIPETTE PUMPS

Good quality. Pipettors provide 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	Color	Quantity Per Pack
PPMP02	2 ml	Blue	12
PPMP10	10 ml	Green	12
PPMP25	25 ml	Red	12



EXTENSION CLAMPS

Top – 3 pronged clamp, 10" long, prongs covered with rubber tubing
 Bottom – Extension clamp with cork covered jaws, 8" total length

Item No.	Description
ECL J03	3-Prong Clamp, Steel
CLEX01	Extension Clamp, Steel
ECAL03	3 Prong Clamp, Aluminum (not shown)



SUSPENSION CLAMPS



Thermometer clamp features adjustable 360 degree rotating jaw, for attaching up to 1/2" diameter rods and thermometers.
 Clamp with Hook. It can be rotated and locked in any position. Ideal for supporting suspended thermometers, drying tubes, etc.

Item No.	Description
THCL01	Thermometer Clamp
CLHK01	Clamp With Hook

HOOK COLLAR CLAMPS

For suspending pulleys, balances, etc. from support rods, or cross members.

Item No.	Description
HKCL01	For 1/2" Dia. Rods
HKCL02	For 3/4" Dia. Rods



C- CLAMPS

Our clamps feature strong malleable iron frames that are painted to reduce corrosion.

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



CLAMP HOLDERS



For rods to 19mm in diameter.



Item No.	Description
RCLBH1	Cast Iron, Brass Thumb Screws
RCLBH2	Brass Body, Brass Thumb Screws
RCLBH3	Cast Zinc, Brass Thumb Screws

SUPPORT STANDS, AND RINGS

SUPPORT STANDS WITH RODS

Stamped steel bases, with black enamel finish. Removable, zinc plated, steel rods.

Bases and Rods are also available individually. See price list.

Item No.	Base Size	Rod Length/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

These stamped steel bases feature an added steel plate on the back, 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.

Item No.	Base Size	Rod Length/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"



SUPPORT STANDS - CAST IRON

Heavy cast iron bases with black enamel finish. Removable zinc plated steel rods.

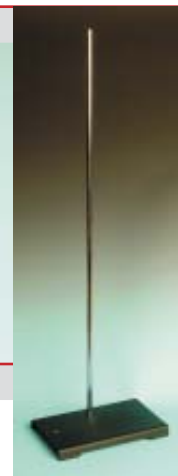
Item No.	Base Size	Rod Length/Diameter
SSB4X6-CI	4"x6"	18" / 5/16"
SSB5X8-CI	5"x8"	20" / 3/8"
SSB6X9-CI	6"x9"	24" / 1/2"
SSB6X11-CI	6"x11"	36" / 1/2"



2-HOLE SUPPORT STANDS

Stamped steel bases featuring 2 tapped holes for the rods. Hole at center of the shorter side is for standard ring stand use. Hole at center of the longer side is for titrations, specific gravity determinations, etc. Zinc plated steel rods are included.

Item No.	Base Size	Rod Length/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"



TRIANGULAR SUPPORTS WITH RODS

Heavy cast-iron triangular bases, with black enamel finish, with zinc plated steel rods.

Item No.	Leg Size	Rod Length/Diameter
TSR318	3"	18" / 5/16"
TSR420	4"	20" / 3/8"
TSR524	5"	24" / 1/2"
TSR636	6"	36" / 1/2"



Support stands and rings are available in additional custom sizes per your specifications. Please call for details.



LABWARE

SUPPORT STAND AND RINGS

Each set contains a stamped steel base and rod, along with 2, 3, 4, or 5 cast iron rings with clamps.

Sets are shipped in specially designed boxes, with your item number labeled on each box.

Item No.	Base	Ring Size	Shipping Weight	Shipping Dimensions
SET462	4" x 6"	3", 4"	3.0 lb	22" x 7" x 2"
SET583	5" x 8"	3", 4", 5"	4.75 lb	22" x 7" x 2"
SET694	6" x 9"	3", 4", 5", 6"	6.75 lb	38" x 7" x 2"
SET615	6" x 11"	2", 3", 4", 5", 6"	8.75 lb	38" x 7" x 2"



EXTENSION SUPPORT RINGS



Zinc plated STEEL extension rings. Rod diameter is 5/16", overall length is 12".

Item No.	Ring Diameter
SRSE02	2"
SRSE03	3"
SRSE04	4"
SRSE05	5"
SRSE06	6"

TRIPOD STAND

Cast Iron ring with black enamel finish. Detachable zinc plated legs.

Item No.	Ring OD	Height
TRS3X6	3.5"	6"
TRS3X9	3.5"	9"
TRS5X8XS	4.25"	9"
TRS5X8	5"	8"
TRS6X9	6"	9"



Legs are inter-changeable. Tripod Stands can be ordered in any combination of Ring OD, and height.

SUPPORT STAND, PLASTIC



These non-corrosive, molded support stands provide excellent alternatives to metal ones. Even the metallic rod has a polypropylene covering making it non-corrosive. The rod measuring 0.5" diameter x 30" long can be screwed into the heavy base giving way to a stable support stand.

Item No.	Description	Quantity Per Pack
54101	9" x 6" – side hole	1
54102	12" x 8" – center hole	1
54103	12" x 8" – side hole	1



WOODEN TEST TUBE RACKS

Solid hardwood construction. All racks are polished to minimize damage to surface from spills.

Item No.	Description
TTHW01	Six 25mm Holes, 6 Drying Pins, With a 1/2" Thick Base
TTHW02	Six 20mm Holes, 6 Drying Pins, With a 1" Thick Base
TTHW03	12-tube wooden rack, 1-tier, 25mm holes, 12 drying pins
TTHW04	13-tube wooden rack, 2-tier, 6 drying pins



TTHW01



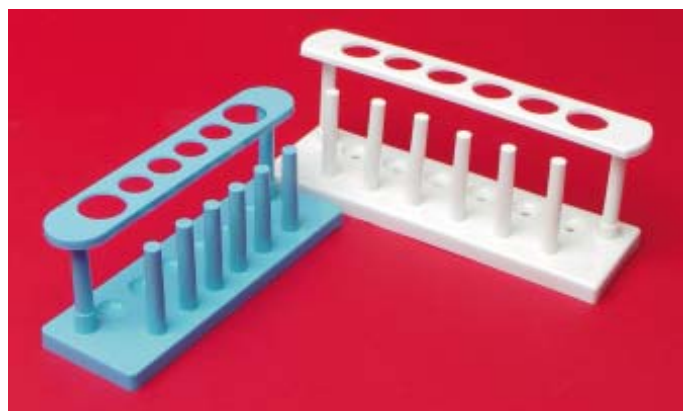
TTHW02



TTHW03



TTHW04



PLASTIC TEST TUBE RACKS

IN-LINE TEST TUBE RACK – POLYETHYLENE

These polyethylene racks will hold six test tubes, and also have six drying pins. Sides are fully open for clear viewing.

Item No.	Description
TTHP01	Two 30mm, and four 20 mm holes. Pre-assembled
TTHP02	Six 25mm Holes. Needs assembly

PLASTIC TEST TUBE RACK

Sturdy high-impact plastic rack will hold 12 test tubes up to 25 mm in diameter. Easy to assemble, and chemical resistant. Dimensions: 9"x3"x1".



Item No.	Description
TTHP03	12 tube plastic rack, 25mm holes



ROUND TEST TUBE RACK

Good quality round test tube rack will hold 24 tubes up to 20mm in diameter. Solid hi-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, 24-tube round plastic.

TEST TUBE STAND (3 TIER)

Polypropylene rack with a 3-tier design provides a clear view of the tube contents and convenient insertion and removal of tubes. Every part is colored and opaque. These autoclavable racks can withstand sub-freezing temperatures.

Item No.	Description	Quantity Per Pack
77706	13mm x 31 tubes	2
77707	16mm x 31 tubes	2
77708	20mm x 20 tubes	2
77709	25mm x 12 tubes	2
77710	25mm x 18 tubes	2
77711	32mm x 12 tubes	2
77712	25mm x 36 tubes	2
77714	13mm x 18 tubes	4
77715	15mm x 18 tubes	4
77716	18mm x 12 tubes	4
77717	13mm x 62 tubes	2
77718	16mm x 62 tubes	2
77719	20mm x 40 tubes	2



PIPETTE STAND (VERTICAL)

This is a polypropylene, stable, non-corrosive, detachable stand which can hold 28 pipettes with maximum diameter of 9/16". The heavy base measures 9" in diameter and a polypropylene coated square rod measuring 15" in length is screwed into the base. The top disc that can be fixed on the rod has holes for holding pipettes while the lower one has pilot holes where the pipette tips rest and liquids drain down to the base. These discs can be adjusted on the rod according to the length of the pipette. The arrows provided on the discs should be kept parallel to ensure that corresponding holes are being centered.



Item No.	Description	Quantity Per Pack
79102	Pipette Stand (Vertical)	1



PIPETTE STAND (94 PIPETTES-ROTARY)

Molded in polypropylene, this unique stand holds a maximum of 94 pipettes and rotates on central vertical axis for convenient selection of any particular pipette. Central vertical axis measures 19" in height. The lower rotating disc has four concentric troughs with tapered sides and open bottoms which cradle the pipette tips protectively and permit water drops to run off. This lower rotating disc measures 9" in diameter. The upper disc has a grid pattern concentric with the bottom disc and keeps the pipettes vertical. Liquids draining off the pipettes are retained on the top of the stationary base by the outer ring. This stand can be easily disassembled & reassembled.

Item No.	Description	Quantity Per Pack
79103	Pipette Stand (Rotary)	1

PIPETTE STAND (HORIZONTAL)

This detachable stand can hold 12 pipettes, 6 on each side, in a horizontal position. Molded in polypropylene, this autoclavable stand has two sides which are attached to each other with three metallic rods coated with polypropylene. This stand can be easily disassembled for space saving storage.

Item No.	Description	Quantity Per Pack
79101	Pipette Stand (Horizontal)	6



RACK FOR MICRO CENTRIFUGE TUBE



Molded in polycarbonate, this autoclavable rack is made for holding twenty four 1.5ml micro centrifuge tubes. This rack has a unique stacking feature which prevents movement in any direction. The holes are numbered and lettered for easy identification.

Item No.	Description	Quantity Per Pack
77705	Rack for Micro Cent Tubes-24 Holes	4
77705 A	Rack for Micro Cent Tubes-48 Holes	4

TEST TUBE BASKETS

These test tube baskets are made of polypropylene. These 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	140x120x110mm	6
78102	160x160x160mm	6



GLASS STIRRING RODS

Stirring rods made of soft glass, with both ends rounded.

GLASS STIRRING RODS

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



STIRRING RODS WITH PRE-ASSEMBLED RUBBER POLICEMAN

Item No.	Length / Diameter	Quantity Per Pack
GRPL05	5" / 3mm	12
GRPL06	6" / 5mm	12
GRPL08	8" / 5mm	12
GRPL10	10" / 6mm	12
GRPL12	12" / 10mm	12

RUBBER POLICEMAN

Item No.	Description
RHGSR1	Rubber policeman, pack of 12

CRUCIBLES: NICKEL, PORCELAIN



NICKEL

Unibody construction with one piece of sheet nickel, polished inside and out. Lids sold separately.

Item No.	Capacity
NCR015	15ml
NCR025	25ml
NCR050	50ml
NCR100	100ml

PORCELAIN

Very good, quality porcelain crucibles, made to withstand temperatures up to 1150°C. Glazed inside and out, except for outside bottom surface. Lids included.

LOW-WIDE FORM

Item No.	Capacity
PCL015	15ml
PCL025	25ml
PCL050	50ml

HIGH FORM

Item No.	Capacity
PCH015	15ml
PCH025	25ml
PCH050	50ml

STEEL CRUCIBLES

Unibody construction with one piece of steel, polished inside and out. Lids sold separately.

Item No.	Capacity
SCR015	15 ml
SCR020	20 ml
SCR025	25 ml
SCR030	30 ml
SCR050	50 ml
SCR100	100 ml

STAINLESS STEEL CRUCIBLES

Unibody construction with one piece of stainless steel. Lids sold separately.

Item No.	Capacity
SSR015	15 ml
SSR020	20 ml
SSR025	25 ml
SSR030	30 ml
SSR050	50 ml
SSR100	100 ml

CRUCIBLE TONGS

Overall length 9", riveted joints, tips are serrated.

Item No.	Description
CTOS09	Oxidized Steel
CTSP09	Plated Steel
CTBR09	Brass
CTSS09	Stainless Steel





LABWARE

FILTER PAPERS

Superior quality neutral filter paper, 100 circles packed in cardboard box. Suitable for medium filtration, very low ash content.

Item No.	Size (cm)
FPR007	7
FPR009	9
FPR011	11
FPR125	12.5
FPR150	15
FPR180	18
FPR240	24
FPR320	32

FILTER PAPER – RECTANGULAR		
Item No.	Quantity Per Pack	Size (cm)
FPR8X11	100	8.5" x 11"
FPR1822	100	18" x 22"

We also cut Filter Paper to specific sizes, and shapes.
Call for minimum quantities.



CLAY PIPE TRIANGLES

Quality clay pipe on heavy gauge galvanized steel wire. Individually packed in poly bags, and chip board boxes.

Item No.	Size
CPT015	1.5" Side Length
CPT020	2.0" Side Length
CPT025	2.5" Side Length
CPT030	3.0" Side Length

LABORATORY JACK

Strong, excellent quality laboratory support jack, made of aluminum and stainless steel. Vertical height to 26cm; 15x12cm top and base plates. Also available with removable 20x20cm platform, and 45cm long support rod.

Item No.	Description
LBJK01	Laboratory Jack
LBJSET	Laboratory Jack with removable platform and support rod



STAINLESS STEEL SPATULA (One end flat, One end spoon)

Item no.	Description
SSSP04	Overall Length, 4"
SSSP06	Overall Length, 6"
SSSP08	Overall Length, 8"

*Nickel Spatulas are also available. Call for prices.

SPATULA WITH WOODEN HANDLES

Flexible stainless steel blade with rounded end, mounted in a polished wood handle.

Item no.	Description
SSSW03	3" Blade
SSSW04	4" Blade
SSSW05	5" Blade
SSSW06	6" Blade
SSSW08	8" Blade

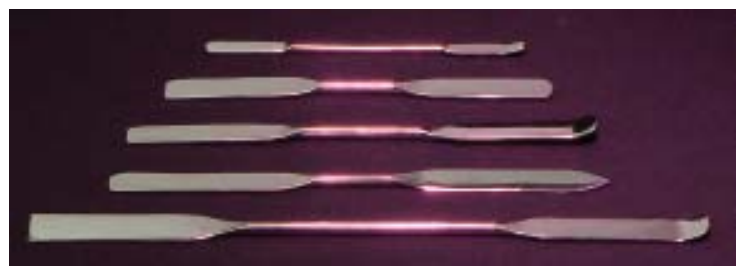
SPATULAS

Stainless steel spatulas, available in following styles and sizes.

Item No.	Description
SSFB08	Length 8" (20cm), one end flat, one end bent
SSFB06	Length 6" (15cm), one end flat, one end bent
SSFB04	Length 4" (10cm), one end flat, one end bent
SSFF05	Length 5" (12.5cm), both ends flat
SSFT06	Length 6" (15cm), one end flat, one end tapered

STAINLESS STEEL SPATULA (Both ends flat)

Item no.	Description
SSSS04	Overall Length, 4"
SSSS06	Overall Length, 6"
SSSS08	Overall Length, 8"



FUNNEL HOLDER



Made of polypropylene, these corrosion free funnel holders can hold funnels with diameters 3" to 6". The extra plate provided can be placed to hold funnels having diameter 1" to 3". Two tapered wedges are provided to ensure firm grip on rods having 1/2" or 3/8" diameter.

Item No.	Description	Quantity Per Pack
45103	Funnel Holder	12

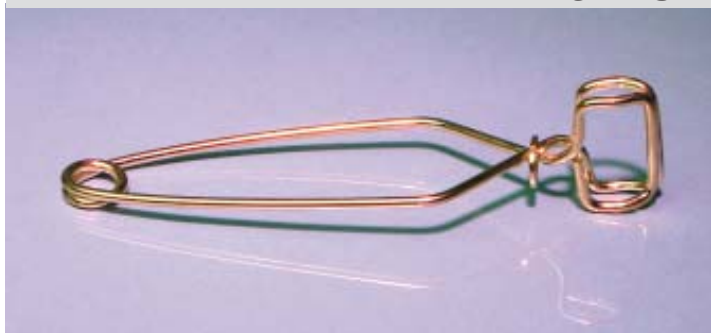
SEPARATORY FUNNEL HOLDER

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 having 1/2" or 3/8" diameter.

Item No.	Description	Quantity Per Pack
45104	Separatory Funnel Holder	12



TEST TUBE CLAMPS



Self-closing, available in Brass Wire, or Brass Finish

Item No.	Description
TTCL01	Brass Wire, With Finger Grips
TTCL02	Brass Wire, W/O Finger Grips
TTCL03	Steel Wire, Brass Finish, With Finger Grips
TTCL04	Steel Wire, Brass Finish, W/O Finger Grips

WIRE TUBING CLAMPS



MOHR'S PINCHCOCK Made of steel wire, nickel plated.

Item No.	For Tubing Diameter
CLMP01	10mm
CLMP02	13mm
CLMP03	16mm

SCREW COMPRESSOR CLAMPS

Item No.	Type	Opens To
HSCOP1	open	3/4"
HSCOP2	open	1"
HSCCL1	closed	3/4"
HSCCL2	closed	1"



BURETTE CLAMP (FISHER STYLE)

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

United Item No.	Description	Quantity Per Pack
45101	Single Fisher Clamp	12
45102	Double Fisher Clamp	6





LABWARE

LABORATORY SCOOP

Great quality stainless steel scoop with one pointed end for handling small amount of chemicals. Length 6 1/2" (16.5 cm). Also available with 5" long hardwood handle.



Item No.	Description
LSCSS6	Laboratory scoop, stainless steel
LSHND1	Lab scoop hardwood handle
LSCSET	Lab scoop and handle set

LAB TOOLS KIT

A nice assortment of most commonly used lab tools, available as one convenient set. Contains one each of following: test tube brush, spatula, crucible tongs, test tube clamp, lab scoop, forceps.



Item No.	Description
LSET6	Lab Tools Kit (6 pieces)

WATER BATH

This standard size (8" x 2 3/4") water bath is ideal for heating flasks, bottles, tubes, etc. Features seven concentric rings, flat bottom, and a steam escape outlet. Solid stainless steel construction.



Item No.	Description
WTBH08	Water bath, stainless steel

Shipping weight: 1.5 lb.

WATCH GLASSES

Made from clear glass sheet, (1.8 to 2.0 mm thick) fine ground and polished edges. Packed in boxes of 12.



Item no.	Size (Dia.)
WGL050	50mm
WGL065	65mm
WGL075	75mm
WGL090	90mm
WGL100	100mm
WGL125	125mm
WGL150	150mm

TEST TUBE BRUSHES

Good quality nylon bristles, mounted in twisted heavy gauge galvanized wire.

Item No.	Brush Length	Brush Dia.	Overall Length	Brush Top
TTBRB1	2 1/2"	1/2"	8"	Straight
TTBR11	2 1/2"	1/2"	7"	Radial
TTBRB2	3"	3/4"	8"	Straight
TTBRB3	3"	1"	9"	Straight
TTBRB4	4"	1 1/2"	11"	Straight

BURETTE BRUSH:				
BUBR01	10"	1/2"	28"	Straight



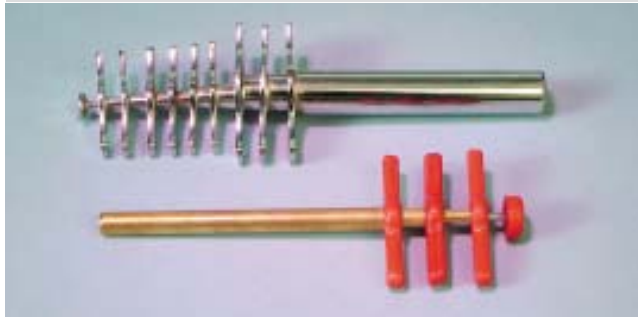
TRIANGULAR FILE

Ideal for scoring glass tubing for cutting. File has a tapered shape, and comes mounted on a hardwood handle.



Item No.	File Length	Overall length
TRF004	4"	7"
TRF005	5"	8"
TRF006	6"	9"
TRF008	8"	11"

CORK BORER SETS



Good quality plated brass cork borers with handles.

Item No.	Sizes in set
CBST03	3
CBST09	9
CBST12	12

WIRE GAUZE

WIRE GAUZE

With Ceramic Center

Iron wire gauze (24 SWG/10 Mesh) with ceramic coating at the center. Contains no asbestos.

Item No.	Size (inches)
WGCC44	4" x 4"
WGCC55	5" x 5"
WGCC66	6" x 6"

WIRE GAUZE – Plain

Item No.	Size (inches)
WGPL44	4" x 4"
WGPL55	5" x 5"
WGPL66	6" x 6"

WIRE GAUZE – Ceramic Center, with Metal Frame

Item No.	Size (inches)
WGMF44	4" x 4"
WGMF55	5" x 5"
WGMF66	6" x 6"



MAGNETIC STIR BARS



Stir bars consist of an Alnico magnet encapsulated in molded Teflon coating. Our stir bars feature pivot rings for better performance.

Item No.	Length x Diameter
MSB001	1" x 5/16"
MSB015	1 5/8" x 5/16"
MSB002	2" x 5/16"

MAGNIFIERS—HAND LENSES



Glass lenses mounted on metal frames with bakelite handles.

Item No.	Dia. (mm)
MFG050	50
MFG065	65
MFG075	75
MFG100	100

Glass lenses molded into high quality unibody plastic frames.

Item No.	Dia. (mm)
MFP050	50
MFP065	65
MFP075	75
MFP100	100



TRIPOD MAGNIFIER

Tripod magnifier, 10x magnification. Brass or plastic.

Item No.	Description
TRP10X	Plastic
TRPBR1	Brass



POCKET LOUPE

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

Item No.	Description
MFC010	Magnifier, pocket loupe, 10x

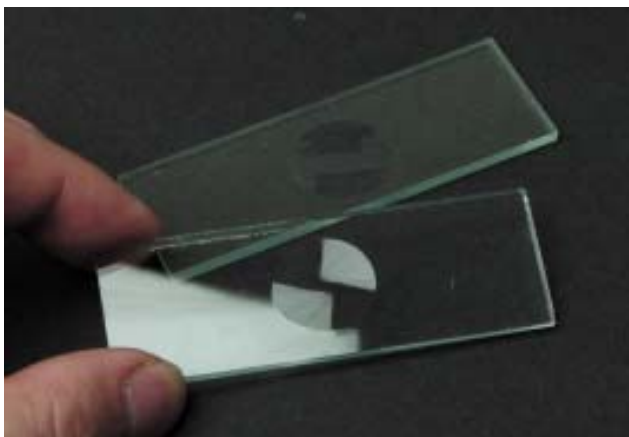


MICROSCOPE SLIDES

PLAIN SLIDES

Made of quality sheet glass, with ground edges. Each slide is cleaned and individually wrapped in poly film. Packaged in boxes of 72 slides.

Item No.	Description	Thickness
MSL3X1	Plain Slides, 3" X 1"	1.3mm
MSL3X2	Plain Slides, 3" X 1"	1.0mm



CONCAVITY SLIDES

Made of good quality glass sheet 1.2mm thick, with ground edges, and spherical concavities. Available with single, double, or triple concavities, in packages of 12

All microscope slides, and coverslips can be packaged per your specifications. Call for details.

Item No.	Size	Concavities
CS3X11	3" X 1"	1
CS3X12	3" X 1"	2
CS3X13	3" X 1"	3



CAVITY SLIDES THICK

These slides are made of 3.2mm thick clear glass sheet. Size 3" x 1". Available with single, double, or triple concavities in packages of 12.

Item No.	Concavities
CSTK01	1
CSTK02	2
CSTK03	3

FROSTED SLIDES

Microscope clear slides, glass, 3"x1", 1.3mm thick, one end frosted, that's easy to mark and read.

Item No.	Quantity Per Box
MSLF01	72



SLIDE STORAGE BOXES, PLASTIC

Sturdy two-piece molded plastic slide boxes. The bottom section has slide 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.	Capacity
SBP010	10 slides
SBP025	25 slides
SBP050	50 slides



SLIDE STORAGE BOXES WOODEN

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

Item No.	Capacity
WSB025	25 Slides
WSB050	50 Slides
WSB100	100 Slides



HAND CENTRIFUGE

This hand-driven centrifuge comes with a table-mounting clamp. Features a painted metal body, and metal head. Comes complete with 4 each aluminum shields. Easily dis-assembles for storage in specially designed foam box.

Item No.	Description
CENTFG1	Hand-driven centrifuge



RUBBER FILTER AID

This molded rubber filter disc is designed to support and seal in place 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	Quantity Per Pack
FLTR01	Rubber Filter Aid	6



RUBBER STOPPERS, ASSORTMENTS

Convenient assortments of various sizes of rubber stoppers in 1-lb. Bags.

Item No.	Description	Sizes
RSTPK1	Rubber Stoppers, Assorted	1 to 6
RSTPK2	Rubber Stoppers, Solid	00 to 7
RSTPK3	Rubber Stoppers, 1-hole	00 to 7
RSTPK4	Rubber Stoppers, 2-holes	2 to 8



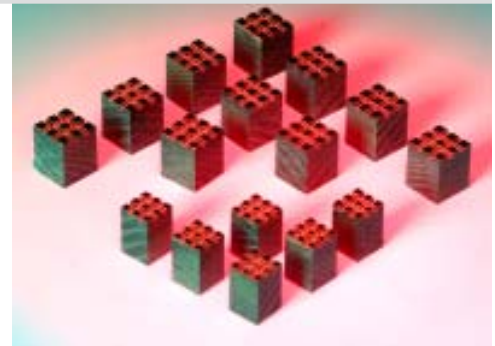
RUBBER STOPPERS:

Item No. Solid	Item No. 1-hole	Item No. 2-hole	Stopper Size	Approx. No. Per Lb.	Hole Size
RST00-S	RST00-H	RST00-H2	00	90	3mm
RST0-S	RST0-H	RST0-H2	0	63	3mm
RST1-S	RST1-H	RST1-H2	1	52	4mm
RST2-S	RST2-H	RST2-H2	2	45	5mm
RST3-S	RST3-H	RST3-H2	3	33	5mm
RST4-S	RST4-H	RST4-H2	4	28	5mm
RST5-S	RST5-H	RST5-H2	5	24	5mm
RST5A-S	RST5A-H	RST5A-H2	5 ¹ / ₂	21	5mm
RST6-S	RST6-H	RST6-H2	6	18	5mm
RST6A-S	RST6A-H	RST6A-H2	6 ¹ / ₂	16	5mm
RST7-S	RST7-H	RST7-H2	7	13	5mm
RST8-S	RST8-H	RST8-H2	8	10	5mm
RST9-S	RST9-H	RST9-H2	9	9	5mm
RST10-S	RST10-H	RST10-H2	10	7	5mm
RST10A-S	RST10A-H	RST10A-H2	10 ¹ / ₂	7	5mm
RST11-S	RST11-H	RST11-H2	11	6	5mm

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.	Description
EB0001	Embedding blocks, 1/2" x 1/2", pack of 10
EB0002	Embedding blocks, 5/8" x 5/8", pack of 10
EB0003	Embedding blocks, 3/4" x 3/4", pack of 10
EB0004	Embedding blocks, 1" x 1", pack of 10

HAND TALLY COUNTER



Bright plastic case makes this hand tally counter lightweight yet sturdy. The counter advances by 1, up to 9999 each time the button is pressed. Turn the side knob to return the reading to zero. Use for counting bacterial colonies, vibrations of a pendulum, etc.

Item No.	Description
HTCP01	Hand Tally Counter