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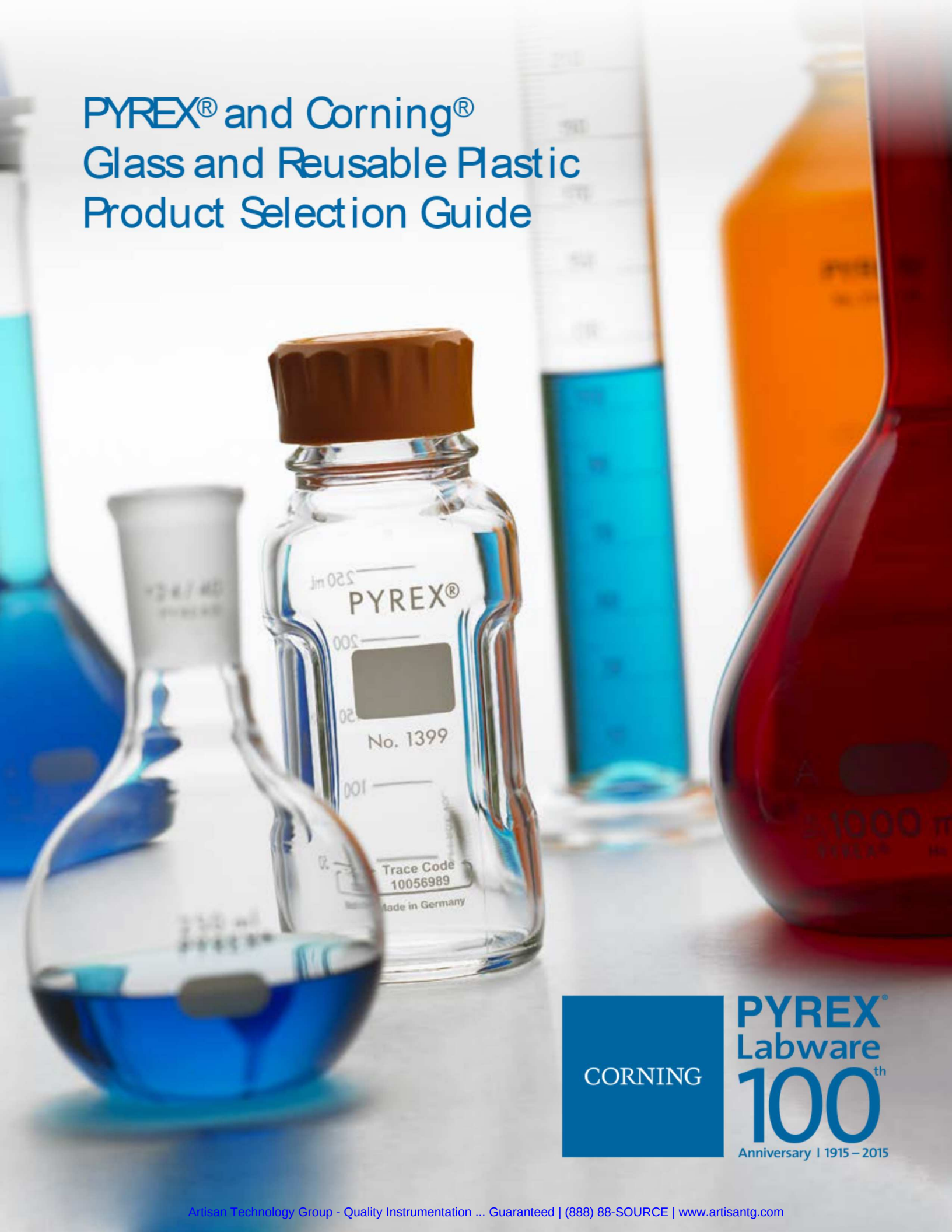
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PYREX® and Corning® Glass and Reusable Plastic Product Selection Guide



CORNING

PYREX® Labware 100th Anniversary | 1915 – 2015

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CORNING PYREX® Labware 100th Anniversary | 1915–2015

Trusted by Scientists for 100 Years

In 2015 Corning celebrates the 100th anniversary of PYREX®. Corning's invention of PYREX set a global standard for labware that continues to be the scientists' choice a century later. PYREX's chemically stable, heat-resistant, low-expansion borosilicate formula can be found in laboratories all around the world, from research facilities and medical centers to high school labs.

During the last 100 years, PYREX glass has been at the heart of groundbreaking discoveries and advancements in medicine, chemistry and countless other ¿rsts. PYREX labware was used to support the rapid development and mass production of Penicillin during World War II, and was also integral in the development and commercialization of Dr Jonas Salk's polio vaccine in the 1950's.

We are proud to present our new Glass and Reusable Plastic Product Selection Guide on the occasion of this anniversary. In this guide you will ¿nd a selection of Corning's newest and most requested glass products as well as reusable plasticware.

Introduction

Corning Life Sciences is pleased to present our PYREX® Reusable and Disposable Glassware Product Selection Guide. In this guide, you will Ànd a selection of Corning's newest and most requested products.

For up-to-date information on Corning Life Sciences' comprehensive range of products and services, go to www.corning.com/lifesciences where you can access:

- New products information
- Technical information including:
  - Application notes
  - Instruction manuals
  - Product bulletins
- Product catalog information
- Product literature
- Complete Distributor information

You can always reach our Customer Service Center at 1.800.492.1110.

Ordering Information

Corning products are available through any authorized Corning support ofÀce or distributor. Please see our website for a complete listing. To place an order, simply contact the distributor of your choice. For each requested product, provide the Corning catalog number, product description, and desired quantity.

PYREXPLUS® glassware is coated with a tough, transparent plastic vinyl. The coating, which is applied to the outside of the vessel, helps prevent exterior surface abrasion. It also helps minimize the loss of contents and helps contain glass fragments if the glass vessel is broken.

PYREX VISTA™ glassware is an economical option for the customer who is willing to forgo the premium beneÀts of PYREX products. Manufactured to Corning/PYREX standards and price competitive with comparable products, PYREX VISTA glassware offers a full range of products from beakers to pipets and is easily recognized by its blue graduations and novel marking spot.

Abbreviations Used in this Catalog

LDPE	Low density Polyethylene
ETFE	Ethylene tetraÁuoroethylene
PBT	Polybutylene terephthalate
PP	Polypropylene
PVC	Polyvinyl chloride
PTFE	PolytetraÁuoroethylene
PMP	Polymethylpentene
PFA	PerÁuoroalkoxy-copolymer

Speci¿cations for Joints, Threads, and Stopcocks



Standard Taper
Symbol used to designate interchangeable joints, stoppers, and stopcocks that comply with the requirements of Commercial Standard CS-21 published by N.I.S.T.



Spherical Joint
Symbol designates spherical joints that comply with CS-21.



Product Standard
Symbol designates stopcock plugs made of PTFE that meet requirements of N.I.S.T. Voluntary Product Standard PS 28-70.

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Reusable Glassware

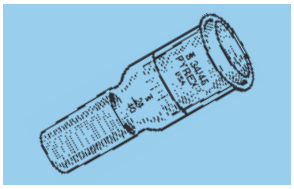
ADAPTERS



7800 PYREX® Adapter, Drying Tube, ⅋ Joint

Inverted form with the inner ⅋ joint at one end only, with a single bulb. The chamber is approximately 110 mm long including the bulb, 30 mm O.D. and will take a No. 2 rubber stopper.

Cat. No.	⅋ Joint Size	Approx. Bulb O.D. (mm)	Approx. Length (mm)	Qty/ Pk	Qty/ Cs
7800-24	24/ 40	30	183	1	12



8800 PYREX Adapter, Reducing, ⅋ Joints

With an outer ⅋ joint at the top and a smaller inner ⅋ joint at the bottom.

Cat. No.	⅋ Top Outer Joint Size	⅋ Bottom Inner Joint Size	Approx. Length (mm)	Qty/ Pk	Qty/ Cs
8800-2419	24/ 40	19/ 38	105	2	6
8800-2924	29/ 42	24/ 40	105	2	6
8800-3424	34/ 45	24/ 40	110	–	1



8820 PYREX Adapter, Enlarging, ⅋ Joints

With an outer ⅋ joint at the top and a larger inner ⅋ joint at the bottom.

Cat. No.	⅋ Top Outer Joint Size	⅋ Bottom Inner Joint Size	Approx. Length (mm)	Qty/ Pk	Qty/ Cs
8820-1019	10/ 30	19/ 38	85	–	1
8820-1024	10/ 30	24/ 40	90	2	12
8820-1424	14/ 35	24/ 40	90	–	1
8820-1924	19/ 38	24/ 40	95	1	6
8820-2429	24/ 40	29/ 42	100	1	6
8820-2434	24/ 40	34/ 45	110	1	6
8820-2445	24/ 40	45/ 50	115	1	6
8820-2455	24/ 40	55/ 50	120	1	6
8820-2945	29/ 42	45/ 50	115	–	1



8821 PYREX Adapter, Thermometer

One end with a ⅋ ground joint and the other end tooled to accommodate a thermometer. The adapter is supplied complete with a rubber thermometer holder (Cat. No. 7715).

Cat. No.	⅋ Joint Size	Approx. Length (mm)	Qty/ Cs
8821-14	14/ 20	60	1
8821-19	19/ 22	57	1
8821-24	24/ 40	80	1

*This tube is also a replacement part for all Corning organic chemistry kit (Cat. Nos. 6949 through 6949K).



8825 PYREX Adapter, Bushing Type, ⅋ Joints

These adapters are fabricated with heavy walls for mechanical strength and are further strengthened by the heavy, uniform rim at the top which affords a serviceable Ànger grip. These adapters are shorter than the conventional type, thus allowing more compact and convenient assemblies. Useful for attaching ⅋ thermometers.

Cat. No.	⅋ Outer Joint Size	⅋ Inner Joint Size	Approx. Length (mm)	Qty/ Pk	Qty/ Cs
8825-3424	34/ 45	24/ 40	59	2	12

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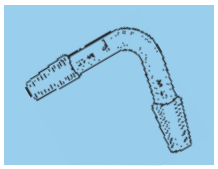
ADAPTERS



8840 PYREX® Adapter, 105° Angle, ⅋ Joint with Drip Tube

The arms are approximately 105° apart. The upper end is equipped with an outer 24/40 ⅋ joint. The lower end is cut off at an angle and is used as a receiver adapter. Tube O.D. is 12 mm.

Cat. No.	⅋ Outer Joint Size	Qty/Pk	Qty/Cs
8840-24	24/40	2	12



8920 PYREX Adapter, Connecting, 75° Angle, Two-way ⅋ Joints

The arms are approximately 75° apart and both are equipped with inner 24/40 ⅋ joints. Often used as a stillhead adapter

Cat. No.	⅋ Inner Joint Size	Qty/Pk	Qty/Cs
8920-24	24/40	2	12



8930 PYREX Adapter, Connecting, 75° Angle, Distilling, ⅋ Joints

With full-length inner 24/40 ⅋ joints. The connecting arm is approximately at a 75° angle from vertical and is 200 mm long.

Cat. No.	Approx. O.D. (mm)	⅋ Inner Joint Size	Qty/Cs
8930-24	22	24/40	1



8940 PYREX Adapter, Connecting, 105° Angle, Two-way, ⅋ Joints

The arms are approximately 105° apart. One end is equipped with an outer 24/40 ⅋ joint and the other end with an inner ⅋ joint. Used as a receiver adapter.

Cat. No.	Top Outer ⅋ Joint Size	Bottom Inner ⅋ Joint Size	Qty/Pk	Qty/Cs
8940-24	24/40	24/40	1	12



8945 PYREX Adapter, Connecting, 105° Angle, Two-way, Vacuum Suction Tube, ⅋ Joints

A receiver adapter, with a vacuum connection. The vacuum tube O.D. is 10 mm.

Cat. No.	Approx. Length (mm)	⅋ Inner and Outer Joint Size	Approx. Stem Length Below ⅋ Joint (mm)	Qty/Pk	Qty/Cs
8945-24	295	24/40	170	1	6



8946 PYREX Adapter, 105° Angle, Distilling, ⅋ Joints

With outer ⅋ joint at the top and an inner-sealed through drip-tip joint at the bottom. Bent at a 105° angle. The serrated sidearm is 10 mm O.D. Drip-tip at the bottom extends about 20 mm below the lower end of the joint.

Cat. No.	Approx. Length (mm)	⅋ Inner and Outer Joint Size	Qty/Pk	Qty/Cs
8946-24	175	24/40	1	6



8947 PYREX Adapter, Vacuum, Connecting, 105° Angle, ⅋ Joints

With tubulation of 10 mm O.D. for attaching to a vacuum pump or to inner and outer ⅋ joints. Includes a drip-tip on the inner tube.

Cat. No.	⅋ Inner and Outer Joint Size	Qty/Pk	Qty/Cs
8947-14	14/20	–	1
8947-19	19/22	1	6

*These tubes are also replacement parts for organic chemistry kits Cat. Nos. 6949-E, 6949G-2, and 6949K.



8950 PYREX Adapter, Distilling, 60° Angle, Three ⅋ Joints

Cat. No.	⅋ Inner and Outer Joint Size	Approx. Length (mm)	Qty/Cs
8950-24	24/40	206	1

*This tube is also a replacement part for organic chemistry kit (Cat. No. 6949).

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8980 PYREX® Adapter, Connecting, ⅋ 10/30 Thermometer Opening, 75° Angle, Three-way

The sidearm is at an angle approximately 75° from the lower joint. The lower end and sidearm are equipped with inner ⅋ 24/40 joints. The outer ⅋ 10/30 joint accommodates a thermometer.

Cat. No.	⅋ Top Outer Joint Size	⅋ Bottom Inner Joint Size	Approx. Length (mm)	Qty/Pk	Qty/Cs
8980-24	10/30	24/40	160	1	6



9000 PYREX Adapter, Connecting, 75° Angle, Three-way, ⅋ Joints

The sidearm is at an angle approximately 75° from the lower joint. The lower end and sidearm are equipped with inner ⅋ joints, and the upper end with an outer ⅋ joint. All joints on each tube are of the same size.

Cat. No.	⅋ Inner and Outer Joint Size	Approx. Length (mm)	Qty/Pk	Qty/Cs
9000-14	14/20	105	–	1
9000-19	19/22	105	–	1
9000-24	24/40	160	1	6

*These tubes are also replacement parts for organic chemistry kits (Cat. Nos. 6949-E, 6949G-2, and 6949K).

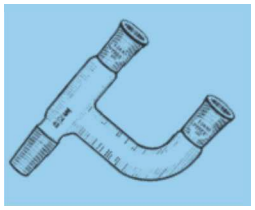


9021 PYREX Adapter, Connecting, 120° Angle, Three-way, ⅋ Joints

The sidearm is at an angle approximately 120° from the lower joint. Both outer and inner ⅋ joints are of the same size.

Cat. No.	⅋ Inner and Outer Joint Size	Approx. Length (mm)	Qty/Cs
9021-24	24/40	162	1

*This tube is also a replacement part for organic chemistry kit Cat. No. 6949.



9040 PYREX Adapter, Connecting, Claisen type, Three-way, ⅋ Joints

With outer ⅋ joints at the upper end and on the parallel sidearm. With inner ⅋ joint at the lower end. All joints on each tube are of the same size.

Cat. No.	⅋ Inner and Outer Joint Size	Approx. Length (mm)	Qty/Cs
9040-24	24/40	160	6



9050 PYREX Adapter, Connecting, Claisen Type, Three-way, ⅋ Joints

A three-way tube with two outer and one inner joint of the same size.

Cat. No.	⅋ Inner and Outer Joint Size	Approx. Length (mm)	Qty/Cs
9050-14	14/20	125	1
9050-19	19/22	123	1

*This tube is also a replacement part for organic chemistry kits (Cat. Nos. 6949-E, 6949G-2, and 6949K).



9060 PYREX Adapter, Connecting, ⅋ 10/30 Thermometer Opening, Distilling, Three-way, ⅋ Joints

The sidearm is at an angle approximately 75° from the lower part of the vertical tube. The joint on the sidearm is at an angle approximately 105° from the sidearm. The sidearm and lower tube are equipped with inner 24/40 ⅋ joints of the same size. The upper tube is equipped with an outer ⅋ 10/30 joint for a thermometer.

Cat. No.	⅋ Top Outer Joint Size	⅋ Bottom Inner Joint Size	Approx. Width (mm)	Qty/Pk	Qty/Cs
9060-24	10/30	24/40	200	1	6

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9420 PYREX® Adapter, Distilling, Suction, Joints

For converting ordinary Áasks with jointed necks to vacuum-type receivers. With an outer joint at the top and an inner joint of the same size at the bottom. The sidearm is approximately 10 mm O.D. by 25 mm long.

Cat. No.	Inner and Outer Joint Size	Approx. Total Length (mm)	Qty/Pk	Qty/Cs
9420-24	24/40	137	1	6

*This tube is also a replacement part for organic chemistry kit (Cat. No. 6949).

BEADS



7268 PYREX Bead, Solid Glass

Useful as packing for distillation columns, mixing beads, and boiling stones. Beads are packaged in 0.45 kg. (1 lb.) packs, which have a packing volume of approximately 360 cm^3 or 22 cubic inches.

Cat. No.	Approx. O.D. (mm)	Avg. Count (lb)	O.D. Tolerance (±mm)	Qty/Pk	Qty/Cs
7268-3	3	13,600	.75	1	4
7268-4	4	5,700	.75	1	4
7268-5	5	3,000	.75	1	4
7268-6	6	1,700	.75	1	4

BEAKERS



1000 PYREX Beaker, Low Form, Double Scale, Graduated

Beaker, with spout, manufactured with uniform wall thickness, offers optimum balance between thermal shock resistance and mechanical strength. For convenience, the 250 through 4000 mL beakers have a double graduated metric scale to indicate approximate content. All sizes have an extra large marking spot. The 10 mL size is not graduated.

Cat. No.	Approx. Capacity (mL)	Graduation Range (mL)	Approx. O.D. x Height (mm)	Graduation Increment (mL)	Qty/Pk	Qty/Cs
1000-10	10	–	25 x 32	–	12	48
1000-20	20	5-15	32 x 40	5	12	48
1000-30	30	5-25	35 x 56	10	12	48
1000-50	50	10-40	42 x 56	10	12	48
1000-100	100	20-80	50 x 72	10	12	48
1000-150	150	20-140	57 x 86	10	12	48
1000-250	250	25-200	68 x 90	25	12	48
1000-400	400	25-325	77 x 110	25	12	48
1000-600	600	50-500	90 x 124	50	6	36
1000-800	800	50-750	98 x 135	50	6	24
1000-1L	1000	50-1000	108 x 158	50	6	24
1000-1XL	1500	200-1400	121 x 166	100	4	16
1000-2L	2000	200-1800	131 x 193	100	4	8
1000-3L	3000	250-2500	146 x 216	125	1	6
1000-4L	4000	500-3500	160 x 250	250	1	6
1000-PACK*	Assortment Pack				5	1 set

*A convenience pack containing one each of the most popular sizes of 1000 beaker. Designed for the low volume user, a case contains one each of Àve sizes; 50 mL, 100 mL, 250 mL, 600 mL, and 1L. Packaged in a partitioned carton for safe transit and storage.
Reference: ASTM E-960.

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1003 PYREX® Beaker, Grif¿n, Heavy Duty, Graduated

Heavy duty beakers speciÀcally designed to offer the best mechanical strength under harsh conditions, such as mechanized washing operations. For convenience, the 250 through 4000 mL beakers have a double graduated metric scale to indicate their approximate content. All sizes have an extra large marking spot.

Cat. No.	Approx. Capacity (mL)	Graduation Range (mL)	Approx. O.D. x Height (mm)	Graduation Increment (mL)	Qty/ Pk	Qty/ Cs
1003-150	150	20-140	57 x 86	20	12	48
1003-250	250	25-200	68 x 90	25	12	48
1003-400	400	25-325	82 x 110	25	12	48
1003-600	600	50-500	90 x 124	50	6	36
1003-1L	1000	50-1000	108 x 156	50	6	24
1003-2L	2000	200-1800	131 x 180	200	4	8
1003-4L	4000	500-3500	160 x 250	250	1	4

Reference: ASTM E-960.



1010 PYREX Beaker, with Handle

A sturdy, molded glass handle is secured to this beaker by a stainless steel strap which Àts into a recess in the beaker wall. Hot liquids can be handled easily and safely.

Cat. No.	Description	Approx. Capacity (mL)	Approx. O.D. x Height (mm)	Qty/ Pk	Qty/ Cs
1010	Complete	3000	155 x 213	1	8
1010-BO	Beaker Only	3000	155 x 213	1	8



1060 PYREX Beaker, Berzelius, Tall Form, with Spout, Graduated

A tall beaker with spout to facilitate pouring. For convenience, these beakers are graduated to indicate their approximate content.

Cat. No.	Approx. Capacity (mL)	Grad. Range (mL)	Approx. O.D. x Height (mm)	Grad. Increment (mL)	Qty/ Pk	Qty/ Cs
1060-100	100	20-80	50 x 79	10	12	48
1060-200	200	25-150	56 x 102	25	12	48
1060-300	300	25-250	64 x 118	25	12	48
1060-400	400	25-325	69 x 127	25	6	36
1060-500	500	50-450	75 x 136	50	6	30
1060-600	600	50-550	79 x 152	50	6	24
1060-1L	1000	50-950	89 x 187	50	6	18

For beaker cover, see Cat. No. 9985.
Reference: ASTM E-960.



6480 PYREX Beaker, Double Spout, Double Scale

Graduated in both Áuid ounces and milliliters. The graduations are approximate only. These blown graduates, of substantial weight for greater mechanical strength, are ideal for measuring hot solutions. (Because of their heavy walls, they should not be subjected to direct contact with the heat source.)

Cat. No.	Approx. Capacity (mL)	Fluid Ounces	Approx. O.D. x Height (mm)	Grad. Increment (mL)	Qty/ Pk	Qty/ Cs
6480-125	125	4	56 x 102	5	1	12
6480-250	250	8	64 x 130	10	1	12
6480-500	500	16	78 x 172	25	1	12
6480-1L	1000	32	102 x 190	50	1	6
6480-2L	2000	64	117 x 265	50	1	6

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BOTTLES



1220 PYREX® Bottle, Aspirator, Outlet for Tubing

A range of bottles featuring a tubular sidearm outlet to facilitate attachment of flexible tubing. Useful as a delivery/storage container for solutions.

Cat. No.	Approx. Capacity (mL)	Rubber Stopper No.	Approx. O.D. of Outlet (mm)	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
1220-250	250	2	10	72 x 132	6	18
1220-500	500	4	10	84 x 164	6	12
1220-1L	1000	6	10	110 x 200	1	6
1220-2L	2000	6	15	138 x 250	1	6
1220-4L	4000	10	15	175 x 289	1	4
1220-2X	9500	12	15	187 x 476	–	1
1220-3X	13250	12	15	238 x 445	–	1
1220-5	19000	12	15	292 x 508	–	1



61220 PYREXPLUS® Bottle, Aspirator, Protective Coating, Outlet for Tubing

Bottle has a protective PVC coating for longer product life and safety. Protective coating helps prevent glass from shattering and reduces spills. Autoclavable (121°C) and resistant to thermal shock. Bottle features a tubular sidearm outlet for attachment of flexible tubing. The tubulation is not coated to allow easy connection of standard size tubing.

Cat. No.	Approx. Capacity (mL)	Rubber Stopper No.	Approx. O.D. of Outlet (mm)	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
61220-250	250	2	10	70 x 132	–	6
61220-500	500	4	10	86 x 164	–	6
61220-1L	1000	6	10	107 x 200	1	4
61220-2L	2000	6	12.5	133 x 250	1	4
61220-4L	4000	10	12.5	165 x 298	–	1
61220-3X	13250	12	12.5	238 x 445	–	1

Do not place over direct heat or flame. Do not heat above 121°C moist heat or 110°C dry heat.



1260 PYREX Bottle, Centrifuge, Heavy Wall

For use where relatively small amounts of solids are involved. These bottles have a small bottom area, which permits concentration of sediment for decanting operations. Due to the heavy wall, the actual capacity is approximately 85% of the capacity listed.

Cat. No.	Approx. Capacity (mL)	Rubber Stopper No.	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
1260-250	250	6	60 x 143	–	12
1260-500	500	6	73 x 175	1	6

The 250 mL fits IEC #384, the 500 mL fits IEC #353.



1261 PYREX Bottle, Centrifuge, Heavy Wall, Screw Cap

Particularly useful in handling sputum specimens. This bottle enables digestion, shaking, neutralizing, and centrifuging to be performed in one container. The tight-fitting polypropylene screw cap with PTFE liner reduces the possibility of aerosol escape.

Cat. No.	Approx. Capacity (mL)	Approx. O.D. x Height (mm)	G.P.I. Thread Finish	Qty/Pk	Qty/Cs
1261-200	200	60 x 141	38 x 400	1	12
1261-CO	–	Cap Only, White	38 x 400	–	1

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1290 PYREX® Bottle, Roux Culture, Offset Neck

This bottle is designed so that when laid Áat, it will hold approximately one-half of the stated capacity of solution. Offset neck is tool-Ànished for increased strength and uniform stopper (Cat. No. 7575-19) Àt. It is useful for growing mass cultures and single or monolayer cultures. Will withstand repeated sterilization (wet or dry). Bottle stacks for easy storage.

Cat. No.	Approx. Capacity (mL)	Approx. Cross Section (mm)	Approx. Height (mm)	Qty/ Cs
1290-1L	1000	55 x 120	255	18



1367 PYREX Bottle, Milk Dilution, Screw Cap

Narrow mouth bottle for general storage of solutions and tissue culture work. Phenolic cap with rubber liner will withstand sterilization (wet at 121°C). Meets the requirements for milk dilution bottles stated in the Standard Methods for the Examination of Dairy Products, published by the American Public Health Association.

Cat. No.	Approx. Capacity (mL)	Approx. Cross Section (mm)	Approx. Height (mm)	Qty/ Pk	Qty/ Cs
1367-160	160	44 x 44	150	12	48

For cap only, see Cat. No. 9999-28, G.P.I. No. 28-400.



1368 PYREX Bottle, Milk Dilution, Wide Mouth, Screw Cap

Wide mouth bottle (approximately 28 mm opening) to facilitate addition of dry solids or liquids. Phenolic cap with rubber liner will withstand sterilization (wet at 121°C). Meets the requirements for milk dilution bottles stated in the Standard Methods for the Examination of Dairy Products," published by the American Public Health Association.

Cat. No.	Approx. Capacity (mL)	Approx. Cross Section (mm)	Approx. Height (mm)	Qty/ Pk	Qty/ Cs
1368-160	160	44 x 44	150	12	48

For cap only, see Cat. No. 9999-40, G.P.I. No. 40-400.



1372 PYREX Bottle, Milk Dilution, Screw Cap, Graduated

Narrow mouth bottle with a cut-line graduation mark at 99 ±1 mL. Phenolic cap with rubber liner will withstand sterilization (wet at 121°C). Meets the requirements for milk dilution bottles stated in the Standard Methods for the Examination of Dairy Products, published by the American Public Health Association.

Cat. No.	Approx. Capacity (mL)	Approx. Cross Section (mm)	Approx. Height (mm)	Qty/ Pk	Qty/ Cs
1372-160	160	44 x 44	150	12	48

For cap only, see Cat. No. 9999-28, G.P.I. No. 28-400.



1373 PYREX Bottle, Milk Dilution, Wide Mouth, Screw Cap, Graduated

Wide mouth bottle for easy measuring or Àlling. With cut-line graduation mark at 99 ±1 mL. Phenolic cap with rubber liner will withstand sterilization (wet at 121°C).

Cat. No.	Approx. Capacity (mL)	Approx. Cross Section (mm)	Approx Height (mm)	Qty/ Pk	Qty/ Cs
1373-160	160	44 x 44	150	12	48

For cap only, see Cat. No. 9999-40, G.P.I. No. 40-400.



1395HTC PYREX Bottle, Media, Storage, High Temperature Cap

Heavy duty bottle which can be used for storage as well as mixing and sampling. Includes red PBT cap and red ETFE pouring rings for dry heat sterilization. Glass bead indicates full capacity line on 100 mL through 2L size. Bottles have permanent white enamel graduations and marking spots.

Cat. No.	Description	Approx. Capacity (mL)	Thread Finish	Approx. O.D. x Height (mm)	Grad. Range (mL)	Grad. Increment (mL)	Qty/ Cs
1395-100HTC	Storage Bottle	100	GL45	56 x 100	40-80	20	10
1395-250HTC	Storage Bottle	250	GL45	70 x 138	50-200	50	10
1395-500HTC	Storage Bottle	500	GL45	86 x 176	100-400	100	10
1395-1LHTC	Storage Bottle	1000	GL45	101 x 225	100-900	100	10
1395-2LHTC	Storage Bottle	2000	GL45	136 x 262	400-1800	200	10
1395-5LHTC	Storage Bottle	5000	GL45	186 x 335	500-4500	500	1
1395-10LHTC	Storage Bottle	10000	GL45	234 x 410	2000-9000	1000	1

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1395 PYREX® Bottle, Media, Storage, Screw Cap

Heavy duty bottle which can be used for storage as well as mixing and sampling. Includes linerless, one-piece autoclavable polypropylene plug seal cap with drip free pouring rings. Optional red PBT caps and red ETFE pouring rings are available for dry heat sterilization (180°C). Glass bead indicates full capacity line on 100 mL through 2L size. Bottles have permanent white enamel graduations and marking spots. Color-coded polypropylene caps are available in a choice of orange, green, purple, red, and light gray.

Cat. No.	Description	Approx. Capacity (mL)	Thread Finish	Approx. O.D. x Height (mm)	Grad. Range (mL)	Grad. Increment (mL)	Qty/ Cs
1395-25	Storage Bottle	25	GL25	36.5 x 70	10-25	5	10
1395-50	Storage Bottle	50	GL32	46 x 88	20-50	10	10
1395-100	Storage Bottle	100	GL45	56 x 100	40-80	20	10
1395-150	Storage Bottle	150	GL45	50 x 125	62-110	25	10
1395-250	Storage Bottle	250	GL45	70 x 138	50-200	50	10
1395-500	Storage Bottle	500	GL45	86 x 176	100-400	100	10
1395-750	Storage Bottle	750	GL45	95 x 203	100-600	100	10
1395-1L	Storage Bottle	1000	GL45	101 x 225	100-900	100	10
1395-2L	Storage Bottle	2000	GL45	136 x 262	400-1800	200	10
1395-3X	Storage Bottle	3500	GL45	160 x 295	500-3000	500	10
1395-5L	Storage Bottle	5000	GL45	186 x 335	500-4500	500	1
1395-10L	Storage Bottle	10000	GL45	234 x 410	2000-9000	1000	1





1395 PYREX Bottle, Storage, Screw Caps

Cat. No.	Description	Thread Finish	Qty/ Cs
1395-45DC	3-hole Red PBT Delivery Cap	GL45	1
1395-32HTC	Red Cap, High Temperature with PTFE Liner	GL32	10
1395-45HTC	Red Cap, High Temperature with PTFE Liner	GL45	10
1395-32LTC	Orange Cap	GL32	20
1395-45LTC	Orange Cap	GL45	20
1395-32LTR	Clear Ring	GL32	50
1395-45LTR	Clear Ring	GL45	50
1395-45HTR	Pouring Ring, ETFE, High Temperature	GL45	50
1395-45LTC1	Purple Cap	GL45	20
1395-45LTC2	Light Gray Cap	GL45	20
1395-45LTC3	Green Cap	GL45	20
1395-45LTMC	Gray Membrane Cap	GL45	10
1395-25HTSC	Cap, Open Top, PBT, High Temperature	GL25	10
1395-32HTSC	Cap, Open Top, PBT, High Temperature	GL32	10
1395-45HTSC	Cap, Open Top, PBT, High Temperature	GL45	10
1395-25SS	Septa, Silicone	GL25	10
1395-32SS	Septa, Silicone	GL32	10
1395-45SS	Septa, Silicone	GL45	10
1395-25TS	Septa, PTFE Faced Silicone	GL25	10
1395-32TS	Septa, PTFE Faced Silicone	GL32	10
1395-45TS	Septa, PTFE Faced Silicone	GL45	10

Caution: Bottles larger than 2L should NOT be used with bottle top Àlter units, or in other applications involving vacuum pressure, as breakage may occur. DO NOT have caps tightened immediately after autoclaving, as the vacuum resulting from cooling can cause breakage. A pouring ring is not included on 25 mL size. A vented cap is NOT recommended for use on the 5L and 10L 1395 series bottle.

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51395 PYREX® Bottle, Low Actinic, Media, Storage, Graduated, Screw Cap

Heavy duty bottle of low actinic glass for use when storing/transporting light sensitive materials. Includes a linerless, one-piece, autoclavable, orange polypropylene, plug-seal cap with drip-free pouring rings. Glass bead indicates full capacity line. Permanent white enamel graduations and marking spots.Thread size: GL 45. Neck I.D.: 29 mm I.D.

Cat. No.	Approx. Capacity (mL)	Diameter x Height (mm)	Approx. Grad. Range (mL)	Grad. Increment (mL)	Qty/Cs
51395-25	25	36.5 x 70	10-25	5	4
51395-50	50	46 x 88	20-50	10	4
51395-100	100	56 x 100	40-80	20	4
51395-250	250	70 x 138	50-200	50	4
51395-500	500	86 x 176	100-400	100	4
51395-1L	1000	101 x 225	100-900	100	4
51395-2L	2000	136 x 260	400-1800	200	4
51395-5L	5000	181 x 335	500-4500	500	1
51395-10L	10000	227 x 410	1000-9000	1000	1

Replacement caps and pouring rings are available (catalog 1395 series).



1396 PYREX Bottle, Media Storage, Screw Cap, Graduated, Square

Manufactured from PYREX borosilicate glass for chemical and thermal resistance. Square bottles are easier to handle, require less space (13% to 20%) on the shelf or in the autoclave and are ideal for mixing, sampling, and storage. Features include white enamel graduations, large marking spot and a glass ridge molded into the bottle to indicate full capacity. Includes linerless, one-piece, autoclavable, orange, polypropylene plug seal cap with drip-free pouring ring. A wide range of optional caps are available under the catalog 1395 series.

Cat. No.	Description	Approx. Capacity (mL)	Thread Finish	Approx. O.D. x Height (mm)	Grad. Range (mL)	Grad. Increment (mL)	Qty/Cs
1396-100*	Square Storage Bottle	100	GL 32	50 x 105	40-80	20	10
1396-250*	Square Storage Bottle	250	GL 45	64 x 138	50-200	50	10
1396-500*	Square Storage Bottle	500	GL 45	78 x 176	100-400	100	10
1396-1L*	Square Storage Bottle	1000	GL 45	94 x 217	100-900	100	10

*Do NOT have caps tightened immediately after autoclaving as the vacuum resulting from cooling can cause breakage. Not applicable for vacuum use.



1397 PYREX Bottle, Round Wide Mouth Media Storage, with GLS80 Screw Cap

Wide mouth bottles are designed for heavy duty storage as well as mixing and sampling. The extra-wide mouth (69 mm inner diameter) gives easier access for pouring and removing pastes, powders, and larger items. They include a linerless, one-piece autoclavable orange polypropylene plug seal GLS80-threaded cap with a drip-free pouring ring. The neck opening is 5 times larger than on GL 45-threaded bottles, is much easier to add or remove powders, and to clean.

Cat. No.	Approx. Capacity (mL)	Thread Finish	Approx. O.D. x Height (mm)	Grad. Range (mL)	Grad. Increment (mL)	Qty/Cs
1397-500	500	GLS80	101 x 148	100-500	100	10
1397-1L	1000	GLS80	101 x 218	100-1000	100	10
1397-2L	2000	GLS80	136 x 248	400-2000	200	10
1397-80LTC	Orange Wide Mouth Cap, GLS80					20

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1399 PYREX® Slim Line Storage Bottle

Round media bottles can be used for storage as well as mixing. The indented side grips ensure easy handling. The bottles are graduated to their full working volume. The narrow proÀle uses less space on shelves, refrigerators, and autoclaves. The new style cap has wider knurls for a more comfortable grip. It also requires 1/3 less turns to secure a closure. Not recommended for use under vacuum.

Cat. No.	Description	Approx. Capacity (mL)	Approx. O.D. x Height (mm)	Thread Finish	Qty/Cs
1399-125	Storage Bottle	125	55 x 124	GL45	4
1399-250	Storage Bottle	250	66 x 158	GL45	4
1399-500	Storage Bottle	500	78 x 193	GL45	4
1399-1L	Storage Bottle	1000	93 x 253	GL45	4



1400 PYREX Roller Bottle with 38 mm Screw Cap

Manufactured from PYREX borosilicate glass for optical clarity and mechanical strength. Can withstand repeated wet or dry sterilization. Supplied with 38 mm deep skirted rubber-lined phenolic screw cap.

Cat. No.	Description	Cell Growth Area (cm^2)	Approx. O.D. x Height (mm)	Qty/Cs
1400-285	Roller Bottle	840	110 x 285	2



1500 PYREX Bottle, Reagent, Narrow Mouth, PYREX ⅋ Stopper

With neck ground and furnished with ⅋ stopper.

Cat. No.	Description	Approx. Capacity (mL)	⅋ Stopper No.	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
1500-125	Complete	125	19	55 x 136	6	48
1500-250	Complete	250	19	70 x 160	1	36
1500-500	Complete	500	24	86 x 198	1	24
1500-1L	Complete	1000	29	107 x 235	1	24
1500-2L	Complete	2000	29	133 x 282	1	6

For stopper only, see Cat. No. 7575.



61500 PYREXPLUS® Bottle, Reagent, Narrow Mouth, Protective Coating, PYREX ⅋ Stopper

Features a protective PVC coating for longer product life and safety. Protective coating helps prevent glass from shattering and reduces spills. Autoclavable (121°C) and resistant to thermal shock. Bottle has a ground neck with a ⅋ stopper.

Cat. No.	Description	Approx. Capacity (mL)	⅋ Stopper No.	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
61500-125	Complete	125	19	55 x 136	6	12
61500-250	Complete	250	19	70 x 160	1	6
61500-500	Complete	500	24	86 x 198	1	6
61500-1L	Complete	1000	29	107 x 235	1	6
61500-2L	Complete	2000	29	133 x 282	–	1

For stopper only, see Cat. No. 7575.
Warning: Do not place over direct heat or Áame. Do not heat above 121°C moist heat or 110°C dry heat.
Not recommended for dry heat sterilization. Will melt.



1580 PYREX Bottle, Reagent, Wide Mouth, Stopper

The wide mouth bottle is supplied with an improved stopper. Meets A.P.H.A. requirements for a water sample bottle. Not covered by ⅋ speciÀcations, but stopper is ground to an interchangeable 1:10 taper approximately 12.7 mm (½") in length.

Cat. No.	Description	Approx. Capacity (mL)	Stopper No.	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
1580-125	Complete	125	29	57 x 142	12	24

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1585 PYREX® Bottle, Serum

Designed especially for handling and storing sterile culture media and sera where stability of the glass is of prime importance. Also suitable for storing distilled water and standard solutions. Will withstand hot air (dry) or steam (wet) sterilization. Necks are tooled to increase mechanical strength and for uniform stopper Àt.

Cat. No.	Approx. Capacity (mL)	Rubber Stopper No.	Approx. O.D. x Height (mm)	Qty/Cs
1585-4L	4000	8	165 x 278	8
1585-9L	9000	8	203 x 413	4



1595 PYREX Bottle, Solution

These bottles are designed for storage of solutions and are ideal for media preparation. The 9.5 liter (2½ gallon) and 13.25 liter (3½ gallon) sizes are in a conventional bottle shape. The 19 liter (5 gallon) and 45.5 liter (12 gallon) sizes are similar in design to a carboy. The necks are tooled to increase mechanical strength and for uniform stopper Àt.

Cat. No.	Approx. Capacity (mL)	Rubber Stopper No.	Approx. O.D. x Height (mm)	Qty/Cs
1595-2X	9500	12	187 x 470	4
1595-3X	13250	12	238 x 445	4
1595-5	19000	12	292 x 508	1
1595-12	45500	12	406 x 584	1



1596 PYREX Bottle, Solution, Graduated, Carboy

With double scale (liters and gallons) black enamel graduations. Graduated in 500 mL increments.

Cat. No.	Approx. Capacity (mL)	Rubber Stopper No.	Approx. O.D. x Height (mm)	Qty/Cs
1596-9L	9500	12	187 x 476	4
1596-13L	13250	12	238 x 440	4
1596-19L	19000	12	292 x 485	1

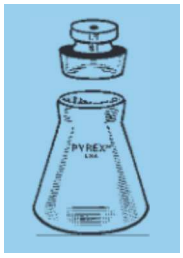


61596 PYREXPLUS® Bottle, Solution, Protective Coating, Graduated, Carboy

Bottle features a protective PVC coating for longer product life and safety. Protective coating helps prevent glass from shattering and reduces spills. Autoclavable (121°C) and resistant to thermal shock. Designed for storage of solutions, ideal for media preparation. The 9L and 13L sizes are in conventional bottle shape. The 19L size is similar in design to a carboy. Necks are tooled to increase mechanical strength and for uniform stopper Àt. Graduated in 500 mL increments with black enamel.

Cat. No.	Approx. Capacity (mL)	Rubber Stopper No.	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
61596-9L	9500	12	187 x 476	–	1
61596-13L	13250	12	238 x 440	–	1
61596-19L	19000	12	292 x 485	–	1

Warning: Do not place over direct heat or Áame. Do not heat above 121°C moist heat or 110°C dry heat.



1620 PYREX Bottle, Hubbard-Carmick, Speci¿c Gravity

Use with viscous Áuids, semi-solid bitumens, and emulsions.

Cat. No.	Approx. Capacity (mL)	$ Stopper Size	Approx. O.D. x Height (mm)	Qty/Cs
1620-25	25	24/12	40 x 57	12

Reference: ASTM Test D-70, D-1429, and D-115.

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1622 PYREX® Bottle, Gay Lussac Bottle, Specific Gravity

Unadjusted for calibration in the laboratory.

Cat. No.	Approx. Capacity (mL)	Approx. O.D. x Height without Stopper	Qty/Cs
1622-2	2	17 x 32	1



61626 PYREXPLUS® Bottle, Media, Storage, Screw Cap

Heavy duty bottle which can be used for storage as well as mixing and sampling. A protective PVC coating helps prevent glass from shattering and reduces spills. Autoclavable (121°C) and resistant to thermal shock. Bottle comes complete with autoclavable, one-piece, green colored, polypropylene plug seal cap with drip-free pouring ring. Glass bead indicates full capacity line. Teal enameled graduations and marking spot. Thread size: GL 45. Neck opening: 29 mm I.D.

Cat No	Approx. Capacity (mL)	Approx. O.D. x Height (mm)	Grad. Range (mL)	Grad. Increment (mL)	Qty/Cs
61626-100	100	56 x 100	40-80	20	4
61626-250	250	70 x 138	50-200	50	4
61626-500	500	86 x 176	100-400	100	4
61626-1L	1000	101 x 225	100-900	100	4
61626-2L	2000	136 x 262	400-1800	200	4



1680 PYREX Bottle, Weighing, Tall, Short Length Joints

Tall form bottle with a joint style opening that accepts a closed bottom, hollow pennyhead style stopper.

Cat. No.	Approx. Capacity (mL)	Approx. Weight (g)	Joint	Approx. O.D. x Length (mm)	Qty/Pk	Qty/Cs
1680-1550	7	9	14/10	15 x 50	6	24
1680-1580	12	13	14/10	15 x 80	–	6
1680-2540	12	18	24/12	25 x 40	6	24
1680-2550	16	21	24/12	25 x 50	6	24
1680-3060	30	30	29/12	30 x 60	6	18
1680-4050	45	52	40/12	40 x 50	6	12
1680-4080	70	67	40/12	40 x 80	6	12
1680-5060	85	78	50/12	50 x 60	–	6



1682 PYREX Bottle, Weighing, Low Form, Short Length Joints

Low form bottle with a joint style opening that accepts a closed bottom hollow Pennyhead style stopper.

Cat. No.	Approx. Capacity (mL)	Approx. Weight (g)	Joint	Approx. O.D. x Length (mm)	Qty/Pk	Qty/Cs
1682-5030	35	53	50/12	50 x 30	2	6
1682-6030	50	71	60/12	60 x 30	2	6
1682-7033	82	111	71/15	70 x 33	2	6



1684 PYREX Bottle, Weighing, PARR, Short Length External Joints

Joints designed for use in weighing small samples. The closure style cap fits over the external ground body.

Cat. No.	Approx. Capacity (mL)	Approx. Weight (g)	Joint	Approx. O.D. x Length (mm)	Qty/Pk	Qty/Cs
1684-2024	4	12	24/12	20 x 24	6	12

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1686 PYREX® Bottle, Weighing, Regular, Short Length External Joints

Standard form bottle with a closure that fits over the external ground body.

Cat. No.	Approx. Capacity (mL)	Approx. Weight (g)	Joint	Approx. O.D. x Length (mm)	Qty/Pk	Qty/Cs
1686-2540	12	20	29/12	25 x 40	6	18
1686-2550	16	25	29/12	25 x 50	6	18
1686-3060	30	32	34/12	30 x 60	6	18
1686-4050	45	55	45/12	40 x 50	6	12
1686-4080	70	72	45/12	40 x 80	6	12
1686-40100	92	83	45/12	40 x 100	6	12



1688 PYREX Bottle, Weighing, Low Form, Short Length External Joints

Low form bottle like the 1682 bottles but with a closure that fits over the external ground body.

Cat. No.	Approx. Capacity (mL)	Approx. Weight (g)	Joint	Approx. O.D. x Length (mm)	Qty/Pk	Qty/Cs
1688-5030	36	68	55/12	50 x 30	–	2
1688-6030	42	73	60/12	60 x 30	–	2



7732 PYREX Bottle, Bomb, Gum Stability

For the determination of gum stability of gasoline. The cover prevents condensed vapors in bomb stem from contaminating the sample, but does not interfere with free flow of oxygen. Made in accordance with ASTM D-525.

Cat. No.	Description	Approx. O.D. x Height (mm)	Qty/Cs
7732	Complete	50 x 105	1
7732-CO	Cover Only	–	1



7735 PYREX Bottle, Ramsbottom, Bulb, Carbon Residue

Used in determining carbon residue in petroleum products. Reference: ASTM D-524.

Cat. No.	Approx. O.D. x Body Length (mm)	Stem O.D. (mm)	Qty/Pk	Qty/Cs
7735-24	24 x 57	8	12	24



GAS WASHING BOTTLES

31750 PYREX Bottle, Gas Washing, Side Inlet, Fritted Disc, Stopper

The side tube on this bottle has a rod sealed to the bottle near the top for extra strength. Tubulation O.D. is 10 mm. The large diameter fritted disc permits the handling of large volumes of gas. (See page 22 for definition of fritted disc porosity).

Cat. No.	Description	Approx. Capacity (mL) and Porosity	Stopper Size	O.D. of Disc (mm)	Approx. O.D. x Height (mm)	Qty/Cs
31750-350C	Complete	350 C	24/40	60	70 x 290	1



1760 PYREX Bottle, Gas Washing, Tall Form, Stopper

The stopper incorporates a plain tip tube as the distributor. These bottles have a large hexagonal base for stability. Tubulations are 18 mm O.D.

Cat. No.	Description	Approx. Capacity (mL)	Stopper Size	Approx. Height (mm)	Qty/Cs
1760-125	Complete	125	29/42	335	1
1760-250	Complete	250	29/42	340	1
1760-500	Complete	500	29/42	390	1

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31760 PYREX® Bottle, Gas Washing, Tall Form, Fritted Disc, ⅋ Stopper

These bottles have a large hexagonal base for stability. The fritted disc provides greater efficiency and more uniform dispersion of gas bubbles for complete absorption. Tubulation O.D. is approximately 8 mm.

Cat. No.	Description	Approx. Capacity (mL) and Porosity	⅋ Stopper Size	O.D. of Disc (mm)	Approx. O.D. x Height (mm)	Qty/Cs
31760-125EC	Complete	125 EC	40/50	20	38 x 300	1
31760-125C	Complete	125 C	40/50	20	38 x 300	1
31760-250EC	Complete	250 EC	40/50	20	51 x 305	1
31760-250C	Complete	250 C	40/50	20	51 x 305	1
31760-500EC	Complete	500 EC	40/50	20	64 x 350	1
31760-500C	Complete	500 C	40/50	20	64 x 350	1
31760-500BO	Bottle Only	500	–	20	–	1
31760-500ES	Stopper Only	500 EC	–	20	–	1
31760-500S	Stopper Only	500 C	–	20	–	1



31770 PYREX Bottle, Gas Washing, Tall Form, Fritted Cylinder, ⅋ Stopper

Stopper is equipped with a 12 mm diameter fritted cylinder instead of a disc as the distributor.

Cat. No.	Description	Approx. Capacity (mL) and Porosity	⅋ Stopper Size	Approx. O.D. x Height (mm)	Qty/Cs
31770-125EC	Complete	125 EC	29/42	38 x 298	1
31770-125C	Complete	125 C	29/42	38 x 298	1
31770-250EC	Complete	250 EC	29/42	51 x 290	1
31770-250C	Complete	250 C	29/42	51 x 290	1
31770-500EC	Complete	500 EC	29/42	63 x 340	1
31770-500C	Complete	500 C	29/42	63 x 340	1



1900 PYREX Bottle, Nesbitt, Absorption, Stopper

For the absorption of CO_2 in carbon determination. Weight, when filled, is approximately 135 grams. A turn of the interchangeable stopper closes both inlet and outlet tubes.

Cat. No.	Approx. Height (mm)	Inlet/Outlet Tube O.D. (mm)	Qty/Pk	Qty/Cs
1900-165	155	6	1	2

BURETS



2094 PYREX Buret, Colored Scale, Dispensing, Straight Bore PTFE Stopcock Plug

Used when dispensing large volumes of liquids rapidly and accurately. Made from close tolerance, accurate bore tubing with uniform walls, these burets have a permanently colored scale. Tips are carefully drawn and ground to reduce chipping. Provided with a PTFE stopcock plug to reduce freezing and eliminate lubricant contamination. The smooth micro-finish of the stopcock barrel assures a precision fit and optimum leak-resistant performance.

Cat. No.	Approx. Capacity (mL)	Grad. Increment (mL)	Tol. (± mL)	Approx. O.D. x Height (mm)	Stopcock Bore (mm)	Qty/Cs
2094-250	250	1	2.0	33 x 550	4	1
2094-500	500	5	2.5	41 x 675	4	1
2094-1L	1000	10	5.0	50 x 810	6	1

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2103 PYREX® Buret, Colored Scale, Class A, ß PTFE Stopcock Plug

The capacity tolerance on these burets is established by ASTM E-287 and they are calibrated in accordance with ASTM E-542. Tips are carefully drawn from accurate bore tubing to insure proper drainage rates. This buret has colored markings, Àne, sharp lines, and large easy-to-read numbers. The stopcock barrel has a smooth micro-Ànish to assure leak-resistant performance. Each buret is supplied with a dust cover. All sizes are furnished with a 2 mm bore stopcock plug.

Cat. No.	Approx. Capacity (mL)	Grad. Increment (mL)	Tol. (± mL)	Approx. O.D. x Height (mm)	Qty/ Cs
2103-10	10	.05	.02	9 x 560	1
2103-25	25	.10	.03	12 x 560	1
2103-50	50	.10	.05	14 x 750	1
2103-100	100	.20	.10	18 x 752	1



2105 PYREX Buret, Serialized/ Certi¿ed Class A, Colored Scale, PTFE Stopcock Plug

Calibrated to Class A tolerances in accordance with ASTM D-511, E-542, and ASTM E-287. Each buret is individually serialized and supplied with a CertiÀcate of IdentiÀcation and Capacity, traceable to NIST standards. This buret has colored markings with Àne, sharp lines, and large easy-to-read numbers. Each buret is supplied with a dust cover. All sizes are furnished with a 2 mm bore stopcock plug.

Cat. No.	Approx. Capacity (mL)	Grad. Increment (mL)	Tol. (± mL)	Approx. O.D. x Height (mm)	Qty/ Cs
2105-10	10	.05	.02	9 x 560	1
2105-25	25	.10	.03	12 x 560	1
2105-50	50	.10	.05	14 x 750	1
2105-100	100	.20	.10	18 x 752	1



2110 PYREX Buret, RotaÀo®, Dual Plug, White Enamel Markings, with RotaÀo Stopcock

Buret with automatic zero, RotaÁo dual stopcock. The dual stopcock helps eliminate titration errors.

Cat. No.	Approx. Capacity (mL)	Grad. Increment (mL)	Tol. (± mL)	Approx. O.D. x Height (mm)	GP Plug	Qty/ Cs
2110-25	25	.10	.06	12 x 560	3	1
2110-50	50	.10	.10	14 x 760	3	1



2116 PYREX Buret, Economy Grade, PTFE Locking Stopcock

An economical buret designed to reduce replacement costs by providing replaceable components. These sturdy, durable burets have tooled tops and bottoms and white enamel graduations. The screw thread locking PTFE stopcock with ground tip is compatible with Cat. No. 2116 existing buret bodies. Simply replace the stopcock assembly to beneÀt from the improved design. The new replaceable stopcock assembly features a screw thread locking nut and collar which ensures that the stopcock cannot fall out in use. Cat. No. 2116-GTO replaceable tip has a ground end which provides a better grip and helps prevent the tip from falling out.

Cat. No.	Description	Approx. Capacity (mL)	Grad. Increment (mL)	Tol. (± mL)	Approx. O.D. x Height (mm)	Qty/ Pk	Qty/ Cs
2116-25	Complete	25	.10	.06	14 x 450	2	6
2116-50	Complete	50	.10	.10	16 x 662	2	6
2116-25BO	Body Only	25	.10	.06	–	2	6
2116-50BO	Body Only	50	.10	.10	–	2	6
2116-GTO2	Tip Only with Ground End and Non-ground End (for use with Cat. No. 2116-LSO only)	–	–	–	–	–	12
2116-LSO	Locking Stopcock Only	–	–	–	–	–	1
2116-TO	Tip Only (for use with Cat. No. 2116-LSO only)	–	–	–	–	–	12

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2122A PYREX® Buret, Colored Scale, Straight Bore PTFE Stopcock

Burets are suitable for use in school and institutional laboratories not requiring the accuracy of our Class A models. Supplied with a PTFE stopcock plug. The microÀnish of the barrel provides a precision Àt. The tips are carefully drawn for accuracy to insure proper drainage rate. Each buret is supplied with a dust cover. All sizes furnished with a 2 mm bore stopcock plug. This buret has durable colored markings.

Cat. No.	Description	Approx. Capacity (mL)	Grad. Increment (mL)	Tol. (± mL)	Approx. O.D. x Height (mm)	Stopcock Bore (mm)	Qty/ Cs
2122A-10	Complete	10	.05	.04	9 x 560	2	1
2122A-25	Complete	25	.10	.06	12 x 560	2	1
2122A-50	Complete	50	.10	.10	14 x 750	2	1
2122A-100	Complete	100	.20	.20	18 x 752	2	1



2128 PYREX Buret, Micro, Precision Bore, Funnel Top, Class A, Straight $ Stopcock, White Enamel Markings

These burets are designed for precise analytical methods in microchemistry. Precision bore tubing throughout the body assures accuracy between any two points. Funnel top facilitates addition of reagents by pouring, or by suction from below, through a rubber-stoppered tube. Tips are tapered to assure smooth Áow. Stopcocks turn freely, yet give positive control and are of 2 mm bore. The capacity tolerance on these burets is established by ASTM E-1189 and are calibrated in accordance with ASTM E-542.

Cat. No.	Approx. Capacity (mL)	Grad. Increment (mL)	Tol. (± mL)	$ Stopcock Bore (mm)	Approx. O.D. x Height (mm)	Qty/ Pk	Qty/ Cs
2128-5	5	.01	.01	2	7 x 735	1	2
2128-10	10	.02	.02	2	8 x 735	1	2



2130 PYREX Buret, Precision Bore, Class A, Straight Bore $ Stopcock, Colored Markings

Precision bore tubing is used to assure accuracy between any two points. Durable colored graduations are sharply deÀned and easy to read. Carefully ground $ stopcock gives precise control. Each buret is supplied with a dust cover. All sizes furnished with a 2 mm bore stopcock plug. The capacity tolerance on these burets is established by ASTM E-287 and they are calibrated in accordance with ASTM E542.

Cat. No.	Approx. Capacity (mL)	Grad. Increment (mL)	Tol. (± mL)	Approx. O.D. x Height (mm)	$ Stopcock Bore (mm)	Qty/ Cs
2130-10	10	.05	.02	9 x 565	2	1
2130-25	25	.10	.03	12 x 565	2	1
2130-50	50	.10	.05	14 x 755	2	1
2130-100	100	.20	.10	18 x 755	2	1



2135 PYREX Buret, Serialized/ Certi¿ed, Class A, Precision Bore, Straight $ Stopcock

Precision bore tubing is used to assure accuracy between any two points. Manufactured to Class A tolerances in accordance with ASTM E-542 and ASTM E-287. Each buret is individually serialized and supplied with a CertiÀcate of IdentiÀcation and Capacity, traceable to NIST standards. Durable white graduations are sharply deÀned and easy to read. Carefully ground $ stopcock gives precise control Each buret is supplied with a dust cover. All sizes furnished with a 2 mm bore stopcock plug.

Cat. No.	Approx. Capacity (mL)	Grad. Increment (mL)	Tol. (± mL)	Approx. O.D. x Height (mm)	$ Stopcock Bore (mm)	Qty/ Cs
2135-10	10	.05	.02	9 x 560	2	1
2135-25	25	.10	.03	12 x 560	2	1
2135-50	50	.10	.05	14 x 755	2	1
2135-100	100	.20	.10	18 x 752	2	1

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COLUMNS



2146 PYREX® Column, Chromatography Column with Reservoir, PTFE Stopcock

Reservoir at top with ℠ 2 mm bore PTFE plug.

Cat. No.	Description	Approx. Reservoir Capacity (mL)	Approx. Column O.D. x Height (mm)	Qty/Cs
2146-10	Column	200	13 x 250	1
2146-19	Column	250	22 x 300	1



2147 PYREX Column, Flash Chromatography Flow Controller

Standard controller consists of a bottom joint ℠ 35/20 and a top valve 0 mm to 4 mm.

Cat. No.	Description	Approx. Height (mm)	Qty/Cs
2147-FC	Flow Controller	85	1



2148 PYREX Reservoir, Flash Chromatography

Reservoir can be used between column and flow controller. Top socket joint and bottom ball joint are ℠ 35/20.

Cat. No.	Description	Approx. Capacity (mL)	Approx. O.D. x Height (mm)	Qty/Cs
2148-250	Reservoir	250	81 x 171	1
2148-500	Reservoir	500	98 x 188	1
2148-1L	Reservoir	1000	130 x 210	1



2149 PYREX Column, Flash Chromatography

Column is ideal for use when quick separations in absorption chromatography applications are desired. A typical unit consists of a column with 2 mm bore PTFE stopcock and a reservoir (Cat. No. 2148) with a 0 mm to 4 mm PTFE valve.

Cat. No.	Description	Approx. Column O.D. x Length (mm)	Qty/Cs
2149-13	Column	13 x 450	1
2149-22	Column	22 x 450	1
2149-45	Column	45 x 450	1
2149-54	Column	54 x 450	1



2150 PYREX HPLC Reservoir, Single Cavity

PYREX HPLC reservoirs have a central cavity for a mobile phase inlet reservoir, an autoclavable plastic coat that absorbs UV up to 385 nm, and a GL 45 thread finish. These may be used with our 3-hole cap (Cat. No. 1395-3H).

Cat. No.	Approx. Capacity (mL)	Approx. O.D. x Height (mm)	Qty/Cs
2150-1L	1000	120 x 260	1
2150-2L	2000	150 x 325	1
2150-5L	5000	195 x 385	1
2150-10L	10,000	240 x 465	1



2153 PYREX Atomizer, Chromatographic Reagent

For use in spraying reagents in thin layer chromatography. With full length ℠ 24/40 joint between reservoir and spraying device.

Cat. No.	Description	Approx. Capacity (mL)	Approx. Height (mm)	Qty/Cs
2153-125	Atomizer	125	188	1
2153-250	Atomizer	250	208	1

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38450 PYREX® Apparatus, Extraction, Chromatographic, Coarse Fritted Disc

These tubes are designed for general chromatographic analysis. The tops are tooled for rubber stopper Àt and the tubes are fabricated with sealed-in coarse porosity fritted discs. The outÁow tubes are large in diameter to eliminate the smearing of the deÀnition bands of efÁuent caused by the tube being Àlled, and the solvent mixed before being expelled. The outÁow tubes are long enough to protrude through a rubber stopper.

Cat. No.	Approx. I.D. x Length (mm)	Stopper No.	Qty/Pk	Qty/Cs
38450-10	10.5 x 300	00	1	8
38450-20	22.0 x 400	4	1	6
38450-40	44.0 x 600	10	–	1



38452 PYREX Apparatus, Extraction, Chromatographic, Coarse Fritted Disc, ȿ PTFE Stopcock

The column is designed for general chromatographic column separations. The top is tooled for a rubber stopper Àt. A ȿ PTFE stopcock is provided for better column control. A coarse porosity fritted disc is sealed into the column. The volume below the disc is minimized to prevent mixing and to allow clear, sharp, band deÀnition.

Cat. No.	Approx. I.D. x Length (mm)	Rubber Stopper No.	ȿ Stopcock Plug Size	Qty/Pk	Qty/Cs
38452-10	10 x 300	00	2	2	4

CONCENTRATORS



2157 PYREX Concentrator, Kuderna-Danish Apparatus, Without Hooks, $ Joints

A Kuderna-Danish concentrator supplied with Keck clamps instead of spring hooks. The complete apparatus consists of a 3-Ball Snyder column (with 24/40 joints), a Áask (with $ 24/40 top and $ 19/22 lower joint), and a graduated tube (with $ 19/22 joints). All columns have venting dimples. The 250 mL and 500 mL completes include a 10 mL tube. The 1,000 mL complete has a 25 mL tube.

Cat. No.	Description	Height (mm)	Total Joint Size	$ Inner Joint Size	$ Outer Qty/Pk	Qty/Cs
2157-500*	500 mL Complete	615	19/22	24/40	–	1
2157-1L	1000 mL Complete	720	19/22	24/40	–	1
2157-250FO	250 mL Flask Only	–	19/22	24/40	1	4
2157-500FO	500 mL Flask Only	–	19/22	24/40	1	4
2157-1LFO	1000 mL Flask Only	–	19/22	24/40	1	4
2157-10TO**	10 mL Tube Only	–	–	19/22	1	6
2157-15TO**	15 mL Tube Only	–	–	19/22	1	6
2157-25TO**	25 mL Tube Only	–	–	19/22	1	6

*2157-500: The completes include 1 each blue and green Keck clamps.
** 2157-10TO, 2157-15TO, 2157-25TO Graduations: 0-2 mL in 0.1 mL increments. 3 mL to capacity in 1.0 mL increments.
Note: For Synder column only, see Cat. No. 2158-CO.



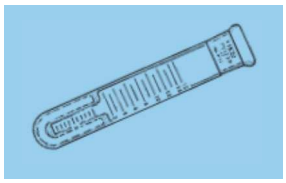
2157-100T/TJ PYREX Concentrator Tube, 100 mL

The innovative PYREX brand concentrator tube combines the concepts of a Kuderna-Danish Áask and tube into a one-piece glass apparatus. Designed for use with the PYREX Accelerated One-Step extractor/concentrator, it comes in both jacketed and unjacketed versions. The 100 mL capacity permits sufÀcient solvent capacity for the full extraction process.The jacketed version permits circulation of hot water through the jacket to boil the solvent during extraction/concentration. The bottom portion of the tube is never heated, so the sample won't boil dry. The unjacketed version can be placed in a hot water bath for solvent heating. Threaded tubulations are 8 mm. I.D.

Cat. No.	Description	Capacity (mL)	Qty/Cs
2157-100T*	Concentrator Tube, plain	100	1
2157-100TJ	Concentrator Tube, jacketed	100	1
2158-CW	Hardware Asst. for tubes with threaded tubulations (6 connectors and 12 washers)	–	6

*Supplied with 2 connectors, 2 washers, and 1 Keck clamp.

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2157-NT PYREX® Concentrator, Kuderna-Danish, Insulated Tip Tubes, Without Hooks, ⅋ Joints

Tubes without spring hooks. Insulated tip Kuderna-Danish tubes have an air jacket around the tip. Less heat applied to the tip due to this insulation reduces the chance that the sample will boil to dryness. Compatible with all standard Kuderna-Danish apparatus.

Cat. No.	Approx. Capacity (mL)	Approx. O.D. x Height (mm)	⅋ Joint Size	Qty/Cs
2157-10NT	10	22 x 120	19/22	1
2157-15NT	15	22 x 140	19/22	1
2157-25NT	25	22 x 180	19/22	1

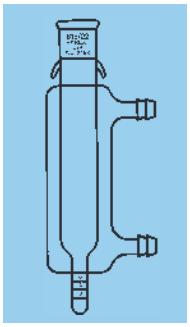


2158 PYREX Concentrator, Kuderna-Danish Apparatus, ⅋ Joints

The complete apparatus consists of a 3-Ball Snyder column (with ⅋ 24/40 joints), a Áask (with ⅋ 24/40 tops and ⅋ 19/22 lower joint), and a graduated tube (with ⅋ 19/22 joints). If further concentration is desired, select a 2-Ball column (Cat. No. 2158-2CO) and combine with the Kuderna-Danish tube of your choice. The 250 mL and 500 mL completes include a 10 mL tube. The 1000 mL complete includes a 25 mL tube.

Cat. No.	Description	Total Height (mm)	⅋ Inner Joint Size	⅋ Outer Joint Size	Length (mm)	Qty/Pk	Qty/Cs
2158-250[a]	250 mL Complete	594	19/22	24/40	–	–	1
2158-500[b]	500 mL Complete	615	19/22	24/40	–	–	1
2158-1L[c]	1000 mL Complete	720	19/22	24/40	–	–	1
2158-250FO[c]	250 mL Flask Only	220	19/22	24/40	–	1	4
2158-500FO[b]	500 mL Flask Only	–	19/22	24/40	–	–	4
2158-1LFO[c]	1000 mL Flask Only	–	19/22	24/40	–	4	4
2158-2CO	2 Ball Snyder Column	–	19/22	19/22	150	–	1
2158-3CO	3 Ball Snyder Column	–	24/40	24/40	305	–	1
2158-4TO[d]	4 mL Tube Only	–	–	19/22	–	1	6
2158-10TO[d]	10 mL Tube Only	–	–	19/22	–	1	6
2158-15TO[d]	15 mL Tube Only	–	–	19/22	–	1	6
2158-25TO[d]	25 mL Tube Only	–	–	19/22	–	1	6

[a]Each includes a pair of 1⅜" stainless steel springs.
[b]The 500 mL includes springs and two sizes of Keck clamps.
[c]Each includes a pair of 1⅜" stainless steel springs.
[d]Graduations: 0 mL to 2 mL are in 0.1 mL increments. 3 mL to capacity are in 1.0 mL increments.



2158-JTO PYREX Concentrator, Kuderna-Danish Tube, Jacketed

The innovative PYREX brand jacketed Kuderna-Danish concentrator tube circulates hot water through the jacket to boil the solvent during extraction/concentration. The bottom portion of the tube is never heated, so samples will not boil dry. The concentration automatically stops when the solvent sinks below the jacket. Lab technician time is saved by eliminating the need to watch evaporations closely to avoid boiling dry. With serrated tubulations or screw thread connections for fast set up and tear down.

Cat. No.	Description	Approx. Length (mm)	Approx. Capacity (mL)	Qty/Cs
2158-10JTO	Serrated Tubulation	198	10	1
2158-1JTO	Serrated Tubulation	198	1	1



2159 PYREX Head, Solvent Recovery

The solvent recovery head allows for condensation and collection of solvents while performing concentrations with a Kuderna-Danish concentrator. 96% to 99% solvent recovery allows for concentrations to be done outside the hood. Unique, simple design allows use with existing condensers and Áasks.

Cat. No.	Description	⅋ Inner Joint Size	⅋ Outer Joint Size	Approx. Length (mm)	Qty/Pk	Qty/Cs
2159-24	Solvent Recovery Head	24/40	24/40	150	1	4

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CONES



2180 PYREX® Cone, Imhoff, Sediment, Blunt Tip

For use with heavy sediments, where ability to read small volumes is unimportant. Graduated from 0 mL to 1 mL in 0.1 mL increments, 1 to 10 mL in 0.5 mL, and 10 mL to 40 mL in 1 mL increments; also marked at 1000 mL. The blunt tip increases its ruggedness and cleaning ease.

Cat. No.	Approx. Height (mm)	Approx. O.D. at Top (mm)	Qty/Pk	Qty/Cs
2180-439	435	110	2	4

CONDENSERS



2155 PYREX Condenser, Distilling, Drip Tip, Ground Joints

This distilling column is simple in design and easy to use. It is useful for a wide range of applications in the lab, particularly in fractionation.

Cat. No.	Approx. Length (mm)	Ground Joint Size	Approx. Jacket O.D. x Length (mm)	Tubulation O.D. (mm)	Qty/Cs
2155-14	274	14/20	28 x 190	10	1
2155-19	283	19/22	28 x 190	10	1

*This column is also a replacement for organic chemistry kits (Cat. Nos. 6949 through 6949K).



52300 PYREX Condenser, Tube, Low Actinic, Drip Tip, Ground Joint

A simple air condenser, useful for condensation of materials with boiling points above 150°C, with an inner Ground 24/40 drip tip. Low actinic glass protects light sensitive materials.

Cat. No.	Approx. O.D. x Length (mm)	Ground Inner Inner Joint Size	Qty/Cs
52300-650	13 x 650	24/40	1



2340 PYREX Condenser, Liebig, Sealed Inner Tube

A general purpose condenser that can be used for distillation and extraction. Although the condensing area per unit length of the jacket is low, the large capacity water jacket gives efficient cooling. Tubulation O.D. is approximately 10 mm. The adapter end is tooled for uniform stopper fit, accommodating a No. 3 rubber stopper.

Cat. No.	Approx. Jacket O.D. x Length (mm)	Approx. Height (mm)	Qty/Cs
2340-200	41 x 200	345	1



2360 PYREX Condenser, Liebig, Drip Tip, Inner Ground Joint

A general purpose condenser that can be used for distillation, reÁuxing, and extraction operations. With inner Ground joint at the bottom with a drip tip. The tubulation O.D. is approximately 10 mm.

Cat. No.	Ground Inner Joint Size	Rubber Stopper No.	Approx Jacket O.D. x Length (mm)	Approx. Height (mm)	Qty/Pk	Qty/Cs
2360-400	24/40	3	41 x 400	545	1	4
2360-500	24/40	3	41 x 500	645	–	1



2400 PYREX Condenser, Liebig, Drip Tip, Inner and Outer Ground Joints

A general purpose condenser that can be used for distillation and extraction. Suitable for use in vacuum distillations. With the outer joint at the top and the inner joint at the bottom with a drip tip. The tubulation O.D. is approximately 10 mm.

Cat. No.	Ground Inner Joint Size	Ground Outer Joint Size	Approx. Jacket O.D. x Length (mm)	Approx. Height (mm)	Qty/Pk	Qty/Cs
2400-200	19/38	19/38	41 x 200	350	–	1
2400-300	24/40	24/40	41 x 300	450	1	4
2400-400	24/40	24/40	41 x 400	550	1	4

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2401 PYREX® Condenser, Column, with Indentations, Micro, Drip Tip, Ground Joints

For use on small assemblies. The tubulation O.D. is approximately 10 mm.

Cat. No.	Approx. Length (mm)	Ground Inner Joint Size	Ground Outer Joint Size	Approx. Jacket O.D. x Length (mm)	Qty/Cs
2401-24	309	24/40	24/40	38 x 185	1

*This condenser is also a replacement part for organic chemistry kits (Cat. Nos. 6949 through 6949K).



2480 PYREX Condenser, Allihn, Drip Tip, Inner and Outer Ground Joints

A widely used condenser with greater surface area than the corresponding Liebig type. With the outer ground joint at the top and the inner joint at the bottom with a drip tip. Suitable for use in vacuum distillations. The tubulations have an O.D. of approximately 10 mm.

Cat. No.	No. of Bulbs	Ground Inner Joint Size	Ground Outer Joint Size	Approx. Jacket O.D. x Length (mm)	Approx. Height (mm)	Qty/Pk	Qty/Cs
2480-200	3	19/38	19/38	41 x 200	350	–	1
2480-300	5	24/40	24/40	41 x 300	450	1	6
2480-400	6	24/40	24/40	41 x 400	550	1	6
2480-500	8	24/40	24/40	41 x 500	650	–	1
2480-600	10	29/42	29/42	41 x 600	750	–	1



2490 PYREX Condenser, Cold Finger, Inner Ground Joint

A simple condenser, of relatively low efficiency, often used to regulate reFluxing by adjusting the flow of air or water through it (dephlegmation). The tubulation O.D. is approximately 10 mm.

Cat. No.	Approx. Height (mm)	Ground Joint Size	Approx. Jacket O.D. x Length (mm)	Qty/Cs
2490-24	176	24/40	12 x 86	1

*This condenser is also a replacement part for organic chemistry kits (Cat. Nos. 6949 through 6949K).



2560 PYREX Condenser, Graham, Drip Tip, Inner and Outer Ground Joints

This condenser has a high surface area per unit length of jacket. Primarily used in vacuum distillations. With the outer joint at the top and the inner ground joint at the bottom with a drip tip. The tubulation O.D. is approximately 10 mm.

Cat. No.	Ground Inner Joint Size	Ground Outer Joint Size	Approx. Jacket O.D. x Length (mm)	Approx. Height (mm)	Qty/Pk	Qty/Cs
2560-200	19/38	19/38	41 x 200	350	–	1
2560-300	24/40	24/40	41 x 300	450	1	6
2560-400	24/40	24/40	41 x 400	550	1	4
2560-500	24/40	24/40	41 x 500	650	1	4



2640 PYREX Condenser, Friedrichs, Drip Tip, Inner and Outer Ground Joints

The Friedrichs type condenser affords very efficient operation. The helical inner tube fits closely within the jacket. The vapor tube is sealed to the jacket at an angle of 75° and has an outer ground 24/40 joint.

Cat. No.	Approx. O.D. x Length (mm)	Ground Inner Joint Size	Ground Outer Joint Size	Qty/Pk	Qty/Cs
2640-350	50 x 325	24/40	24/40	1	4

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2700 PYREX® Condenser, West

This condenser is designed with a heavy-wall outer jacket to provide a sturdy, long-lasting unit, while the inner tube has a thinner wall for efÀcient heat transfer. The tubulations are on the same side to reduce breakage, and the adapter ends are all tooled for No. 3 rubber stopper Àt. The tubulation O.D. is approximately 10 mm.

Cat. No.	Approx. Jacket O.D. x Length (mm)	Approx. Height (mm)	Qty/Cs
2700-200	19 x 200	345	1



2705 PYREX Condenser, West, Drip Tip, Inner and Outer ⅋ Joints

The tubulation O.D. is approximately 10 mm.

Cat. No.	Approx. Jacket O. D. x Length (mm)	⅋ Inner Joint Size	⅋ Outer Joint Size	Approx. Length (mm)	Qty/Pk	Qty/Cs
2705-14	18 x 190	14/20	14/20	283	–	1
2705-19*	18 x 190	19/22	19/22	283	2	4

*This condenser is a replacement part for organic chemistry kits (Cat. Nos. 6949 through 6949K).



2800 PYREX Condenser, West, Drip Tip, Inner and Outer ⅋ Joint

This condenser is designed with a heavy-wall outer jacket to provide a sturdy, long-lasting unit, while the inner tube has a thinner wall for efÀcient heat transfer. Tubulations are on the same side to reduce breakage. With the outer ⅋ joint at the top and the ⅋ inner joint at the bottom with a drip tip. The tubulation O.D. is approximately 10 mm.

Cat. No.	⅋ Inner Joint Size	⅋ Outer Joint Size	Approx. Jacket O.D. x Length (mm)	Approx. Height (mm)	Qty/Pk	Qty/Cs
2800-300	24/40	24/40	18 x 300	450	1	4

CYLINDERS



2962 PYREX Cylinder, Hydrometer Jar

Breakage is minimized by the heavy wall construction. The large hexagonal base, sealed to the cylinder body, increases stability. Meets ASTM speciÀcations D-287 and E-100.

Cat. No.	Capacity (mL)	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
2962-100	100	29 x 254	1	18
2962-250	250	39 x 340	1	18
2962-300	300	39 x 381	1	12
2962-500	500	50 x 390	1	12
2962-1L	1000	64 x 465	1	1



2982 PYREX Cylinder, Single Metric Scale, PYREX ⅋ Stopper, Graduated, To Contain

Calibrated “to contain” in accordance with ASTM E-1272 and ASTM E-542. Useful as a mixing cylinder. Each features the PYREX stopper. Graduations are in durable white enamel. See Cat. No. 3002 for the equivalent cylinder supplied with a Corning test certiÀcate.

Cat. No.	Description	Capacity (mL)	Grad. Increment (mL)	ASTM Tol. (± mL)	Approx. O.D. x Height (mm)	⅋ Stopper No.	Qty/Pk	Qty/Cs
2982-10	Complete	10	0.1	0.2	13 x 195	9	1	24
2982-25	Complete	25	0.2	0.3	18 x 225	13	1	18
2982-50	Complete	50	1.0	0.5	24 x 255	16	1	12
2982-100	Complete	100	1.0	1.0	29 x 295	16	1	8
2982-250	Complete	250	2.0	2.0	39 x 385	22	1	8
2982-500	Complete	500	5.0	4.0	50 x 445	27	1	6
2982-1L	Complete	1000	10.0	6.0	64 x 520	32	–	1
2982-2L	Complete	2000	20.0	12.0	83 x 590	38	–	1

For stopper only, see Cat. No. 7650.

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3002 PYREX® Cylinder, Serialized/Certified, Class A, Single Metric Scale, Graduated, To Contain, ⅋ PYREX Stopper

Calibrated "to contain" in accordance with ASTM E-1272 and ASTM E-542. Useful as a mixing cylinder. Each cylinder is individually serialized and supplied with a Certificate of Identification and Capacity, traceable to NIST standards. Each features the PYREX stopper. Graduation markings are in durable white enamel.

Cat. No.	Capacity (mL)	Grad. Increment (mL)	ASTM Tol. (± mL)	Approx. O.D. x Height (mm)	⅋ Stopper No.	Qty/Cs
3002-10	10	0.1	.10	13 x 195	9	1
3002-25	25	0.2	.17	18 x 225	13	1
3002-50	50	1.0	.25	24 x 255	16	1
3002-100	100	1.0	.50	29 x 295	16	1
3002-250	250	2.0	1.0	39 x 385	22	1
3002-500	500	5.0	2.0	50 x 445	27	1
3002-1L	1000	10.0	3.0	64 x 520	32	1
3002-2L	2000	20.0	6.0	83 x 550	38	1

For stopper only, see Cat. No. 7650.



3012 PYREX Cylinder, Single Metric Scale, Outer ⅋ Joint, Graduated, To Contain

Calibrated "to contain." Equipped with a ⅋ 24/40 outer joint, these cylinders are particularly useful as distilling receivers. Graduation markings are in durable white enamel. Supplied without stoppers.

Cat. No.	Capacity (mL)	Grad. Increment (mL)	ASTM Tol. (± mL)	Approx. O.D. x Height (mm)	Qty/Cs
3012-50	50	1.0	0.5	24 x 255	1
3012-100	100	1.0	1.0	29 x 295	1
3012-250	250	2.0	2.0	39 x 380	1



3022 PYREX Cylinder, Single Metric Scale, Graduated, To Contain

Calibrated "to contain," with white enamel graduations. The 100 mL capacity is in accordance with ASTM E-133 and E-1272 and is used in ASTM tests D-86, D-216 and D-447. The 10 mL size has a funnel top. Bumper guards are supplied with 25 mL through 2000 mL sizes inclusive.

Cat. No.	Capacity (mL)	Grad. Increment (mL)	ASTM Tol. (± mL)	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
3022-10	10	0.1	0.2	13 x 178	1	24
3022-25	25	0.2	0.3	18 x 192	1	18
3022-50	50	1.0	0.5	24 x 225	1	18
3022-100	100	1.0	1.0	29 x 254	1	12
3022-250	250	2.0	2.0	39 x 340	1	12
3022-500	500	5.0	4.0	50 x 392	1	8
3022-1L	1000	10.0	6.0	64 x 465	1	1
3022-2L	2000	20.0	12.0	83 x 520	1	1

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3023 PYREX® Cylinder, Double Metric Scale, Class A, Graduated, To Deliver

Cylinders are calibrated "to deliver" in accordance with ASTM E-1272 and ASTM E-542. The double scale, numbered up and down, is in durable white enamel. Supplied with shock absorbing polyethylene bumper guards.

Cat. No.	Capacity (mL)	Grad. Increment (mL)	ASTM Tol. (± mL)	Approx. O.D. x Height (mm)	Qty/ Pk	Qty/ Cs
3023-25	25	0.2	.17	18 x 192	1	18
3023-50	50	1.0	.25	24 x 225	1	18
3023-100	100	1.0	.50	29 x 254	1	12
3023-250	250	2.0	1.0	39 x 340	1	12
3023-500	500	5.0	2.0	50 x 390	1	8
3023-1L	1000	10.0	3.0	64 x 465	–	1
3023-2L	2000	20.0	6 .0	83 x 520	–	1



3024 PYREX Cylinder, Single Metric Scale, Graduated, To Deliver

Calibrated "to deliver," with white enamel graduations. Bumper guards are supplied on 25 mL through 2000 mL sizes.

Cat. No.	Capacity (mL)	Grad. Increment (mL)	ASTM Tol. ± (mL)	Approx. O.D. x Height (mm)	Qty/ Pk	Qty/ Cs
3024-5*	5	0.1	0.1	12 x 117	1	12
3024-10*	10	0.1	0.2	13 x 177	1	24
3024-25	25	0.2	0.3	18 x 192	1	18
3024-50	50	1.0	0.5	24 x 225	1	18
3024-100	100	1.0	1.0	29 x 254	1	12
3024-250	250	2.0	2.0	39 x 340	1	12
3024-500	500	5.0	4.0	50 x 390	1	8
3024-1L	1000	10.0	6.0	64 x 465	1	1
3024-2L	2000	20.0	12.0	83 x 520	1	1
3024-4L	4000	50.0	29.0	110 x 585	–	1
3024-PACK**	–	–	–	–	Assortment Pack	

*Funnel top.
**The assortment pack includes one each of the 10 mL, 25 mL, 50 mL, 100 mL, and 250 mL sizes.



63024 PYREXPLUS® Cylinder, Single Metric Scale, Protective Coating, Graduated, To Deliver

Cylinder features a protective polymer coating for longer product life and safety. Autoclavable (121°C) and resistant to thermal shock. The cylinder is calibrated "to deliver." Bumper guards not supplied.

Cat. No.	Capacity (mL)	Grad. Increment (mL)	ASTM Tol. (± mL)	Approx. O.D. x Height (mm)	Qty/ Pk	Qty/ Cs
63024-100	100	1.0	1.0	29 x 254	1	4
63024-250	250	2.0	2.0	39 x 340	1	4
63024-500	500	5.0	4.0	50 x 390	1	4
63024-1L	1000	10.0	6.0	64 x 460	1	4
63024-2L	2000	20.0	12.0	83 x 520	1	2

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3025 PYREX® Cylinder, Double Metric Scale, Economy, Graduated, To Contain

Calibrated "to contain." A less costly cylinder, designed for those institutions performing many general laboratory procedures. No bumper guards supplied.

Cat. No.	Capacity (mL)	Grad. Increment (mL)	Approx. O.D. x Height (mm)	Qty/ Pk	Qty/ Cs
3025-10	10	0.1	17 x 140	1	24
3025-25	25	0.2	20 x 144	1	18
3025-50	50	1.0	28 x 166	1	18
3025-100	100	1.0	29 x 254	1	12
3025-250	250	2.0	39 x 340	1	12
3025-500	500	5.0	50 x 390	1	8
3025-1L	1000	10.0	64 x 465	1	1
3025-2L	2000	20.0	83 x 520	1	1



3026 PYREX Cylinder, Double Metric Scale, Class A, Graduated, To Deliver

Cylinders are calibrated "to deliver" in accordance with ASTM E-1272 and ASTM E-542. The double scale, numbered up and down, is in a durable blue enamel. Supplied with shock absorbing polyethylene bumper guards.

Cat. No.	Capacity (mL)	Grad. Increment (mL)	ASTM Tol. (± mL)	Approx. O.D. x Height (mm)	Qty/ Pk	Qty/ Cs
3026-25	25	0.2	.17	18 x 192	1	18
3026-50	50	1.0	.25	24 x 225	1	18
3026-100	100	1.0	.50	28 x 254	1	12
3026-250	250	2.0	1.0	39 x 340	1	12
3026-500	500	5.0	2.0	50 x 390	1	8
3026-1L	1000	10.0	3.0	64 x 465	–	1
3026-2L	2000	20.0	6.0	83 x 520	–	1



3042 PYREX Cylinder, Lifetime Red™, Single Metric Scale, Graduated, To Contain

Calibrated "to contain." The scale and Àgures are durable white enamel, which stand out clearly against the red color-band on these Lifetime Red cylinders. The 10 mL size has a funnel top. Bumper guards are supplied with 100 mL through 2000 mL inclusive. The 100 mL size is made in accordance with ASTM E-133 and E-1272 and is used in ASTM tests D-86 and D-216.

Cat. No.	Capacity (mL)	Grad. Increment (mL)	ASTM Tol. (± mL)	Approx. O.D. x Height (mm)	Qty/ Pk	Qty/ Cs
3042-10	10	0.1	0.2	13 x 178	1	24
3042-100	100	1.0	1.0	29 x 254	1	12
3042-500	500	5.0	4.0	50 x 390	1	8
3042-1L	1000	10.0	6.0	64 x 465	1	1
3042-2L	2000	20.0	12.0	83 x 520	1	1

For the same cylinder, but with a built-in glass bumper guard, see Cat. No. 3046.



3044 PYREX Cylinder, Lifetime Red, Single Metric Scale, Double Pourout, Graduated, To Contain

Calibrated "to contain." The scale and Àgures are durable white enamel which stand out clearly against the red color-band on these Lifetime Red cylinders. The cylinder is a Tuttle type of low form for stability and features a double pourout for convenience.

Cat. No.	Capacity (mL)	Grad. Increment (mL)	Tol. (± mL)	Approx. O.D. x Height (mm)	Qty/ Pk	Qty/ Cs
3044-50	50	1.0	0.5	29 x 148	1	12
3044-100	100	2.0	1.0	39 x 157	1	12

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3046 PYREX® Cylinder, Lifetime Red, Single Metric Scale, Graduated, To Contain

Calibrated "to contain." A reinforced bead of glass near the top helps to reduce breakage, if the cylinder falls over. The 100 mL cylinder is in accordance with ASTM E-133 and E-1272 and is used in ASTM D-86, D-216, and D-447.

Cat. No.	Capacity (mL)	Grad. Increment (mL)	ASTM Tol. (± mL)	Approx. O.D. x Height (mm)	Qty/ Pk	Qty/ Cs
3046-10	10	0.1	0.2	13 x 179	1	24
3046-25	25	0.2	0.3	18 x 205	1	18
3046-50	50	1.0	0.5	24 x 238	1	18
3046-100	100	1.0	1.0	29 x 267	1	12
3046-250	250	2.0	2.0	39 x 353	1	12



3062 PYREX Cylinder, Serialized/ Certi¿ed, Class A, Single Metric Scale, Graduated, To Deliver

Calibrated "to deliver" in accordance with ASTM E-1272 and ASTM E-542. Each cylinder is individually serialized and supplied with a CertiÀcate of IdentiÀcation and Capacity, traceable to NIST standards. Permanent white graduations are easy to read. Bumper guards are supplied with 25 mL through 2000 mL inclusive. The 10 mL size has a funnel top.

Cat. No.	Capacity (mL)	Grad. Increment (mL)	ASTM Tol. (± mL)	Approx. O.D. x Height (mm)	Pk/ Cs	Qty/ Cs
3062-10	10	0.1	0.10	13 x 178	1	1
3062-25	25	0.2	0.17	18 x 192	1	1
3062-50	50	1.0	0.25	24 x 225	1	1
3062-100	100	1.0	0.50	29 x 254	1	1
3062-250	250	2.0	1.0	39 x 340	1	1
3062-500	500	5.0	2.0	50 x 390	1	1
3062-1L	1000	10.0	3.0	64 x 465	1	1
3062-2L	2000	20.0	6.0	83 x 520	1	1



3066 PYREX Cylinder, Bumper Guard

A polyethylene shock absorbing ring designed to reduce breakage of cylinders. For best results, slide the ring toward the top to absorb shock should the cylinder be accidentally upset.

Cat. No.	Fits Cylinder Capacity (mL)	Qty/ Cs
3066-25	25	1
3066-50	50	1
3066-100	100	1
3066-250	250	1
3066-500	500	1
3066-1L	1000	1

CLONING CYLINDERS



3166 PYREX Cylinder, Cloning

Clone a single cell or group of cells by surrounding them with this glass cylinder. Dip the end of the cylinder into a sterile silicone grease before pressing to the bottom of a culture Áask to create an isolated well.

Cat. No.	Description	Approx. O.D. x Height (mm)	Qty/ Cs
3166-6	Cloning Cylinder	6 x 8	125
3166-8	Cloning Cylinder	8 x 8	125
3166-10	Cloning Cylinder	10 x 10	125

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DESICCATORS



3081 PYREX® 2.4L Desiccator, Small Knob Top

This 2.4L PYREX desiccator is designed for general analytical work. The sturdy knob makes the cover easy to handle. Approximate bowl volume is 2400 mL. For replacement cover, see Cat. No. 3081-150CO. For lower part only, see Cat. No. 3081-150LO.

Warning: Do not heat or subject to pressure. Not for vacuum applications.

Cat No.	Description	Approx. I.D. of Ground Flange (mm)	Approx. Chamber Depth (mm)	Approx. Height (mm)	Plate Diameter (mm)	Qty/ Cs
3081-150	Complete	172	81	252	140	1
3081-150CO	Cover only	172	–	98	–	1
3081-150LO	Lower Only	172	81	154	140	1

3081 PYREX 5.8L Desiccator, Large Knob Top

This 5.8L desiccator is designed for general analytical work. The large sturdy knob makes the cover easy to handle. Approximate bowl volume is 5800 mL. For replacement cover, see Cat. No. 3081-200CO. For lower part only, see Cat. No. 3081-200LO.

Warning: Not for vacuum applications. Do not heat or subject to pressure.

Cat No.	Description	Approx. I.D. of Ground Flange (mm)	Approx. Chamber Depth (mm)	Approx. Height (mm)	Plate Diameter (mm)	Qty/ Cs
3081-200	Complete	223.5	115	309	190	1
3081-200CO	Cover only	223.5	–	107	–	1
3081-200LO	Lower only	223.5	115	202	190	1

3081 PYREX 10.5L Desiccator, Large Knob Top

This 10.5L desiccator is designed for general analytical work. The large sturdy knob makes the cover easy to handle. Approximate bowl volume is 10,500 mL. For replacement cover, see Cat. No. 3081-250CO. For lower part only, see Cat. No. 3081-250LO.

Warning: Not for vacuum applications. Do not heat or subject to pressure.

Cat No.	Description	Approx. I.D. of Ground Flange (mm)	Approx. Chamber Depth (mm)	Approx. Height (mm)	Plate Diameter (mm)	Qty/ Cs
3081-250	Complete	273.5	120	357	230	1
3081-250CO	Cover Only	273.5	–	122	–	1
3081-250LO	Lower Only	273.5	120	235	230	1



3121 PYREX 2.4L Desiccator, Small Top, with 24/29 Standard Taper Stopcock

This 2.4L desiccator has a rugged 24/29 standard taper stopcock with tooled hose connection that serves as the vacuum inlet. It is designed so that its manipulation is not affected by the vacuum. To introduce vacuum into the desiccator, loosen the stopcock to disengage the PTFE plug from contact with the glass. A half turn from this position closes the desiccator. This design eliminates the need for grease. The tubulation O.D. is approximately 10 mm. Approximate bowl volume capacity is 2400 mL. For replacement bowl, see Cat. No. 3081-150LO; for cover, see Cat. No. 3121-150CO; for replacement stopcock, see Cat. No. 3121-STPK.

Warning: Do not heat or subject to pressure. Rated 1-atmosphere vacuum.

Cat No.	Description	Approx. I.D. of Ground Flange (mm)	Approx. Chamber Depth (mm)	Approx. Height (mm)	Plate Diameter (mm)	Qty/ Cs
3121-150	Complete	172	81	239	140	1
3121-150CO	Cover Only	172	–	85	–	1

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3121 PYREX® 5.8L Desiccator, Large Top, with 24/29 Standard Taper Stopcock

This 5.8L desiccator has a rugged 24/29 standard taper stopcock with tooled hose connection that serves as the vacuum inlet. It is designed so that its manipulation is not affected by the vacuum. To introduce vacuum into the desiccator, loosen the stopcock to disengage the PTFE plug from contact with the glass. A half turn from this position closes the desiccator. This design eliminates the need for grease. The tubulation O.D. is approximately 10 mm. Approximate bowl volume capacity is 5800 mL. For replacement bowl, see Cat. No. 3081-200LO; for cover, see Cat. No. 3121-200CO; for replacement stopcock, see Cat. No. 3121-STPK.

Warning: Do not heat or subject to pressure. Rated 1-atmosphere vacuum.

Cat No.	Description	Approx. I.D. of Ground Flange (mm)	Approx. Chamber Depth (mm)	Approx. Height (mm)	Plate Diameter (mm)	Qty/ Cs
3121-200	Complete	223.5	115	296	190	1
3121-200CO	Cover Only	223.5	–	94	–	1

3121 PYREX 10.5L Desiccator, Large Top, with 24/29 Standard Taper Stopcock

This 10.5L desiccator has a rugged 24/29 standard taper stopcock with tooled hose connection that serves as the vacuum inlet. It is designed so that its manipulation is not affected by the vacuum. To introduce vacuum into the desiccator, loosen the stopcock to disengage the PTFE plug from contact with the glass. A half turn from this position closes the desiccator. This design eliminates the need for grease. The tubulation O.D. is approximately 10 mm. Approximate bowl volume capacity is 10,500 mL. For replacement bowl, see Cat. No. 3081-250LO; for cover, see Cat. No. 3121-250CO; for replacement stopcock, see Cat. No. 3121-STPK.

Warning: Do not heat or subject to pressure. Rated 1-atmosphere vacuum.

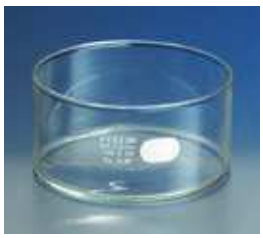
Cat No.	Description	Approx. I.D. of Ground Flange (mm)	Approx. Chamber Depth (mm)	Approx. Height (mm)	Plate Diameter (mm)	Qty/ Cs
3121-250	Complete	273.5	120	344	230	1
3121-250CO	Cover Only	273.5	–	109	–	1

3121 PYREX Replacement 24/29 Stopcock with Hose Connector

This is a replacement 24/29 standard taper stopcock with a tooled #10 hose connection. The plug material is PTFE, and is a suitable replacement for Cat. Nos. 3121-150, 3121-200, and 3121-250.

Cat. No.	Description	Qty/ Cs
3121-STPK	Stopcock, 24/29 standard taper joint with #10 hose connection	1

DISHES



3140 PYREX Dish, Crystallizing

The rims on these dishes are reinforced and Àre polished to reduce chipping. Will withstand repeated sterilization (wet or dry). Ideal for storage and crystallization.

Cat. No.	Capacity (mL)	Fluid Ounces	Approx. O.D. x Height (mm)	Qty/ Pk	Qty/ Cs
3140-70	180	6	70 x 50	6	24
3140-80	180	6	80 x 40	6	24
3140-90	270	9	90 x 50	6	18
3140-100	325	11	100 x 50	6	18
3140-125	740	25	125 x 65	4	12
3140-150	1200	40	150 x 75	4	8
3140-170	1770	60	170 x 90	2	8
3140-190	2500	85	190 x 100	2	6

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3160 PYREX® Dish, Culture, Petri

These Áat, clear dishes will withstand repeated sterilization (wet or dry). The edges are beaded to provide greater mechanical strength. The bead also provides a means to equally space the side walls of the bottom and cover, thereby reducing the capillary action of condensed moisture on the sides. They are not affected chemically or thermally by any of the methods commonly employed in laboratories where sterilization is a major factor in routine or in specialized work. The covered dish is not airtight. The tops are marked in blue enamel and the bottoms in white enamel to make sorting easier. Bottoms also have a triangular, enamel reference point for serial dilutions.

Cat. No.	Description	Size (mm)	Approx. O.D. x Height (mm)	Qty/ Pk	Qty/ Cs
3160-60	Complete	60 x 15	60 x 12	12	72
3160-100	Complete	100 x 10	100 x 14	12	72
3160-101	Complete	100 x 15	100 x 19	12	72
3160-102	Complete	100 x 20	100 x 23	12	72
3160-150	Complete	150 x 15	150 x 19	12	24
3160-152	Complete	150 x 20	150 x 23	12	24
3160-60CO	Cover Only	60 x 15	60 x 15	–	12
3160-100CO	Cover Only	100 x 10	100 x 10	–	12
3160-101CO	Cover Only	100 x 15	100 x 15	–	12
3160-102CO	Cover Only	100 x 20	100 x 20	–	12
3160-150CO	Cover Only	150 x 15	150 x 15	–	12
3160-152CO	Cover Only	150 x 20	150 x 20	–	12
3160-60BO	Bottom Only	60 x 15	53 x 17	–	12
3160-100BO	Bottom Only	100 x 10	93 x 12	–	12
3160-101BO	Bottom Only	100 x 15	93 x 17	–	12
3160-102BO	Bottom Only	100 x 20	93 x 22	–	12
3160-150BO	Bottom Only	150 x 15	143 x 17	–	12
3160-152BO	Bottom Only	150 x 20	143 x 22	–	12



3170 PYREX Dish, Drying, Heavy Wall

This tray will withstand hot air or steam sterilization. Useful for gel work or paper chromatography. Do not place over direct heat, for oven use only.

Cat. No.	Approx. Top Width (mm)	Approx. Top Length (mm)	Approx. Inside Depth (mm)	Qty/ Cs
3170-12	305	457	72	4



3175 PYREX Dish, Drying

A range of trays designed for use as drying, staining or developing trays. They can be used with paper or gel electrophoresis, or paper chromatography. Trays will withstand autoclaving. Do not place over direct heat, for oven use only.

Cat. No.	Approx. Size L x W x H (mm)	Approx. Capacity (mL)	Qty/ Cs
3175-7	272 x 180 x 50	1500	4
3175-8	201 x 201 x 55	1600	4
3175-10	349 x 249 x 60	3500	4

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3180 PYREX® Dish, Evaporating, Flat Bottom

These dishes have rugged beaded rims and are of standard medium depth.

Cat. No.	Approx. O.D. x Height (mm)	Approx. Volume (mL)	Qty/ Pk	Qty/ Cs
3180-80	80 x 45	140	–	6
3180-90	90 x 50	170	–	6
3180-105	105 x 55	290	1	6

DISTILLING APPARATUS



3340 PYREX Apparatus, Distilling, Kjeldahl, Nitrogen, Ground Joints

Used for determining nitrogen in organic compounds. This assembly includes a Kjeldahl flask specifically developed for this process. Both the digestion and distillation stages can be performed in this flask. The assembly shown is the distillation stage, where the amount of ammonia, and hence, nitrogen, is established. The inlet tube allows the permanganate solution to be introduced after distillation. Supplied with an outer ground 29/42 joint on the flask and an outer ground 19/38 joint on the Graham condenser. Total height is 410 mm; total width is 300 mm; maximum O.D. is approximately 97 mm.

Cat. No.	Description	Approx. Capacity (mL)	Qty/ Cs
3340-500	Complete	500	1
3340-TO	Tube Only	–	1
3340-FO	Flask Only	–	1
2540-200	Condenser Only	–	1



3350 PYREX Apparatus, Distilling, Cyanide

Used in testing for soluble and insoluble cyanides in water. Cyanide as hydrocyanic acid (HCN) is released from cyanide complexes by means of a reflux-distillation and absorbed in a scrubber containing a sodium hydroxide solution. Tygon® tubing connects the reaction/ distillation section to the absorption scrubber making set-up easier and less susceptible to glass breakage. Inlet tubes have funnel openings for easy addition of acid. Apparatus meets the requirements of E.P.A. SW-846 methods 9010 and 9012, and ASTM method D-2036. Designed for sample size of 500 mL.

Cat. No.	Description	Qty/ Cs
3350-C	Cyanide Distillation Apparatus, Complete	1
3350-CFCO	Cold Finger Condenser Only	1
3350-CJO	Condenser Jacket Only	1
3350-DTO	Dispersion Tube Only	1
3350-ITO	Inlet Tube Only	1
3350-TO	Trap Only	1

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3360 PYREX® Apparatus, Distilling, General Purpose, PYREX Stopper, ⅋ Joint

A general purpose batch distillation assembly with the facility for addition via the PYREX stoppered neck. Ideally suited for the batch production of high purity distilled water. The flask has a flat bottom with a side delivery tube, terminating in a joint. Graham condenser tubulation O.D. is approximately 10 mm.

Cat. No.	Description	Approx. Capacity (mL)	Cond. Jacket Length (mm)	⅋ Stopper No.	⅋ Joint Size	Qty/Cs
3360-500	Complete	500	200	27	19/38	1
3360-1L	Complete	1000	200	27	19/38	1
3360-500FO	SFO	500	–	27	19/38	1
3360-1LFO	SFO	1000	–	27	19/38	1

SFO: Stopper and Flask Only.
For stopper only, see Cat. No. 7650.
For condenser, see Cat. No. 2540-200.



3575 PYREX Apparatus, Distilling, Solvent Still Head

Apparatus for maintaining oxygen free solvents. Head has sufficient storage space to allow solvent removal by syringe or drainage through 2 mm T-bore PTFE stopcock. With ⅋ 24/40 outer joint at top, ⅋ 24/40 inner joint at bottom and ⅋ 14/20 inner joint on drainage arm.

Cat. No.	Approx. Capacity (mL)	Approx. Height (mm)	Qty/Cs
3575-250	250	245	1
3575-500	500	275	1



3582 PYREX Apparatus, Distilling, Oil Dilution, Receiver, ⅋ Joints

For determining the amount of dilution in crankcase oils when gasoline has been used as fuel. Designed to allow heat-sensitive materials to be kept away from the hot base of the flask. With an outer ⅋ 24/40 joint at the top and an inner ⅋ 24/40 joint on the sidearm. Reference: ASTM D-322.

Cat. No.	Approx. Capacity (mL)	Approx. Height (mm)	Grad. Increment (mL)	Qty/Cs
3582	5	380	0.1	1



3602 PYREX Apparatus, Distilling, Dean Stark, Receiver, ⅋ Joints

The 10 mL receiver is graduated from 0-1 mL in 0.1 mL increments, with a maximum scale error of 0.05 mL. The graduation increments from 1.0-10.0 mL are 0.2 mL, with a maximum scale error of 0.1 mL.

Cat. No.	Approx. Capacity (mL)	⅋ Inner and Outer Joint Size	Approx. Height (mm)	Qty/Pk	Qty/Cs
3602-10	10	24/40	216	1	4

Reference: ASTM E-123.



3611 PYREX Apparatus, Distilling, Moisture Test, Receiver, ⅋ Joints

For determining water by distillation. Receivers have a ⅋ 24/40 ground joint on the sidearm. The 10 mL receiver is graduated, from 0 mL to 1 mL, in 0.1 mL increments, with a maximum scale error of 0.05 mL. Graduation increments from 1.0 to 10.0 mL are 0.2 mL, with maximum scale error of 0.1 mL. The 25 mL receiver is graduated, from 0 mL to 1 mL, in 0.1 mL increments, with a maximum scale error of 0.05 mL. Graduation increments from 1.0 to 25.0 mL are 0.2 mL, with a maximum scale error of 0.1 mL.

Cat. No.	Approx. Capacity (mL)	⅋ Inner and Outer Joint Size	Approx. Height (mm)	Qty/Cs
3611-10	10	24/40	237	1
3611-25	25	24/40	317	1

Reference: ASTM E-123, which covers apparatus used in ASTM method D-95, Test for Water in Petroleum Products and Other Bituminous Products.

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3622 PYREX® Apparatus, Distilling, Barrett, Receiver, Stopcock, ℨ Joints

For determining water content in petroleum or bituminous products, graduated upwards from the stopcock to 3 mL in 0.2 mL increments, and from 3 mL to 20 mL in 0.5 mL increments. Reference: Barrett method B-2. Also can be used as Dean Stark distillation apparatus specified in British Standard 756, but utilizes a common U.S. ground joint. It is also an optional setup for ASTM D-95.

Cat. No.	Approx. Capacity (mL)	ℨ Inner and Outer Joint Size	Approx. Height (mm)	ℨ Stopcock Plug No.	Qty/Pk	Qty/Cs
3622-20	20	24/40	228	1	2	4

EXTRACTION APPARATUS



3740 PYREX Apparatus, Extraction, Soxhlet, ℨ Joints

Bulb in siphon tube near the top of tube facilitates cycling of the siphoning action. The siphon tube is protected from accidental damage by the vapor tube. ℨ joints at the top and bottom.

Cat. No.	Approx. Capacity to Top of Siphon (mL)	ℨ Inner Joint Size	ℨ Outer Joint Size	Approx. Height (mm)	Approx. Siphon to Plate (mm)	Chamber I.D. x Height (mm)	Qty/Pk	Qty/Cs
3740-S	50	24/40	34/45	295	62	29 x 130	1	2
3740-M	85	24/40	45/50	303	80	38 x 130	1	2
3740-L	200	24/40	55/50	350	113	47 x 120	1	2
3740-XL	500	29/42	71/60	430	130	64 x 220	1	2

For glass extraction thimble with fritted disc only, see Cat. No. 33950.



3840 PYREX Apparatus, Extraction, Soxhlet, ℨ Joints, Allihn Condenser

This apparatus consists of a Soxhlet extractor, an Allihn condenser, and a flask, all which are equipped with ℨ joints. The tubulation O.D. on the condenser is 10 mm.

Cat. No.	Description	Approx. Capacity (mL)	I.D. Body Length (mm)	Extractor ℨ Joint Size Inner (Bottom)	Extractor ℨ Joint Size Outer (Top)	Approx Height (mm)	Qty/Cs
3840-S	Complete	125	27 x 192	24/40	34/45	655	1
3840-M	Complete	250	37 x 250	24/40	45/50	711	1
3840-L	Complete	500	46 x 305	24/40	55/50	803	1
3840-XL	Complete	1000	64 x 319	29/42	71/60	880	1
3840-SCO	Condenser Only	–	–	–	–	–	1
3840-MCO	Condenser Only	–	–	–	–	–	1
3840-LCO	Condenser Only	–	–	–	–	–	1
3840-XLCO	Condenser Only	–	–	–	–	–	1
3840-1LFO	Flask Only	1000	–	–	–	185	1

For extractor only, see Cat. No. 3740.
For flask only on sizes 125 mL through 500 mL, see Cat. No. 4100.



3880 PYREX Apparatus, Extraction, Soxhlet, Friedrichs Condenser, ℨ Joints

An efficient extraction apparatus for general purpose use. Consists of a Soxhlet extractor, a special Friedrichs condenser and a flask, all equipped with ℨ joints. The condenser tubulation O.D. is approximately 10 mm.

Cat. No.	Description	Approx. Capacity (mL)	I.D. x Body Length (mm)	ℨ Inner Joint Size	ℨ Outer Joint Size	Approx. Height (mm)	Qty/Cs
3880-M	Complete	250	40 x 665	24/40	45/50	665	1
3880-MCO	Condenser Only						1

For extractor only, see Cat. No. 3740.
For flask only, see Cat. No. 4100.

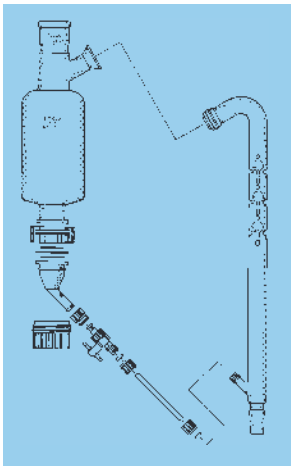
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3900 PYREX® Apparatus, Extraction, Arsine Generator

Designed for arsenic determination by the silver diethyldithiocarbamate photometric method. Meets A.P.H.A. Standard 104A, ACS/USP, and EPA specifications. Fabricated from PYREX borosilicate glass. Joint on 125 mL flask is 24/40 and ball and socket joint between absorber and scrubber is 12/2. Complete unit includes clamp.

Cat. No.	Description	Qty/Pk	Qty/Cs
3900	Arsine Generator, Complete	–	1
3900-AO	Absorber Only	1	4
3900-SO	Scrubber Only	1	4
7721-13	Clamp Polyacetyl	–	10

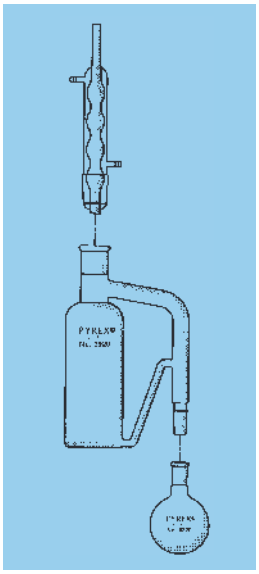


3915-C PYREX Apparatus, Extraction, Accelerated One-Step, Modular

This revolutionary modular Accelerated One-Step extractor/concentrator performs extraction, concentration, and drying with the same apparatus and is designed for use with solvents of heavier specific gravity than sample being extracted. The required concentrator tube (Cat. Nos. 2157-100T or 2157-100TJ) and the Allihn condenser (Cat. No. 3840-MCO) must be purchased separately. Removable Snyder column sidearm allows easy cleaning. Meets the requirements of E.P.A. SW-846 method 3520 and EPA Waste Water method 625 allowed in CLP statement of work OLMO2.0 for semi-volatiles and pesticides. Extraction and concentration steps can be performed outside the hood. As dictated by safe laboratory practices, we recommend that some type of ventilation system be used above or near the units in case of a drop in condenser water temperature or loss of condenser cold water supply.

Cat. No.	Description	Qty/Pk	Qty/Cs
3915-C	Accelerated One-Step Extractor/Concentrator	–	1
2157-100T	Concentrator Tube, 100 mL, Threaded Tubulations, 24/40	–	1
2157-100TJ	Concentrator Tube, Jacketed, 100 mL, Threaded Tubulations, 24/40	–	1
2158-2CO	2 Ball Snyder Column	1	1
3840-MCO	Condenser, Allihn, Medium, 45/50	–	1
3915-35VO	Fluorocarbon O-rings, 35/25, 1" I.D., 1 3/16" O.D., 3/32" Width, 75 Durometer	6	24
3915-CAO	Coupler Assembly Only, Top/Bottom	2	6
3915-CVO	O-rings, Fluorocarbon Coupler, 1 1/2" I.D., 1 11/16" O.D., 3/32" Width, 75 Durometer	6	24
3915-CW	Connectors/Washers Only, for Stopcock Assembly, Melamine Connectors, PTFE Liners, Silicon Washers	2	6
3915-ECO	Extractor Cup Only	–	1
3915-MBO	Extractor Body Only, 45/50 Top, 35/25 Side	–	1
3915-MSCO	Snyder Sidearm Only, Top 35/25 with Fluorocarbon O-ring, Lower 24/40	–	1
3915-SCA	Stopcock Assembly Only	–	1
3918-47	Membrane Assembly, 47 mm	–	20
3918-47BP	Membrane Assembly, 47 mm, Bulk Pack	–	200
3918-47MS	Photoceram™ Membrane Support Only, for 47 mm Membrane	–	2

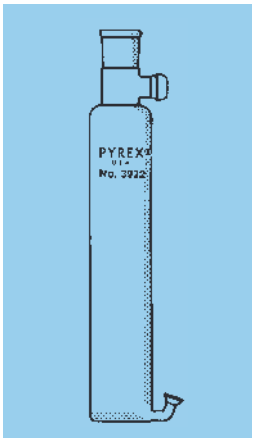
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3920-M PYREX® Apparatus, Extraction, Continuous Liquid/Liquid Extractor, Complete, Heavier Than Water, One-piece

The continuous liquid/liquid extractor is designed to meet E.P.A. test method requirements outlined by SW-846, RCRA, and CLP. For use with solvents of heavier specific gravity than sample liquid being extracted. The sidearm is sealed to the extractor body just below the ⅋ 45/50 ground joint. The sidearm is sealed higher on the body to reduce the chance of water spilling over while draining remaining solvent from extractor body at the end of the extraction. Extraction can be performed outside the hood. Comes complete with PYREX brand Allihn condenser and 500 mL PYREX brand round bottom boiling flask. As dictated by safe laboratory practices, we recommend that some type of ventilation system be used above or near the units in case of a drop in condenser water temperature or loss of condenser cold water supply.

Cat. No.	Description	Approx. Capacity (mL)	Extractor Body Approx. Height (mm)	Extractor Body Approx. Width (mm)	Total Approx. Height (mm)	Qty/Cs
3920-M	Liquid/Liquid Extractor	1000	355	214	710	1
3840-MCO	Allihn Condenser	–	–	–	–	1
3920-MBO	Extractor Body, ⅋ 45/50 Top, ⅋ 24/40 Bottom	–	–	–	–	1
4320-500	Round Bottom Flask, 500 mL, ⅋ 24/40	–	–	–	–	12



3922 PYREX Apparatus, Modular 1L Continuous Heavier than Water Liquid/Liquid Extractor or Liquid/Liquid Extractor/Concentrator Systems

These versatile modular 1L continuous extractor systems are for use with solvents of heavier specific gravity than sample liquid being extracted. Using modular components make these components easier to clean and maintain and gives more flexibility. These systems are designed to meet E.P.A. test method requirements outlined by SW-846, RCRA, and CLP. Extraction can be performed outside the hood. However, as dictated by safe laboratory practices, we recommend that some type of ventilation system be used above or near the units in case of a drop in condenser water temperature or loss of condenser cold water supply.

Because this system uses modular components it can be configured as two different systems:

- The Continuous Liquid/Liquid Extractor uses a plain column sidearm (Cat. No. 3928-MSAO) and 500 mL round bottom flask (Cat. No. 4320-500). The crossover tube is fitted with a PTFE stopcock to impede flow to the round bottom flask when changing over from base or neutral extractions to acidic extractions or at the end of the run.
- The Continuous Liquid/Liquid Extractor/Concentrator uses a Snyder column sidearm (Cat. No. 3928-MSCO) and a Kuderna-Danish Flask (Cat. No. 2158-500FO) with a collection tube (Cat. No. 2158-500FO). Allows the use of the same solvent for both basic and acidic extractions. This system does not require an apparatus change to switch from extracting to concentrating. As a result, it reduces sample handling and overall technician time required.

Assembling the complete system requires purchasing 8 separate components: the extractor body, a condenser, a crossover tube, a sidearm column, and a receiver flask, as well as small and large ball joint clamps and Fluorocarbon O-rings.

Cat. No.	Description (Components required to assemble a complete system)	Qty/Pk	Qty/Cs
3922-MBO	Modular 1L Extractor Body with a ⅋ 45/50 outer Standard Taper top joint, ⅋ 35/25 middle inner Spherical Ball joint, and ⅋ 18/19 outer Spherical Ball joint 520 mm x 254 mm (height x width)	–	1
3840-MCO	PYREX Allihn Condenser with a 45/50 inner Standard Taper joint and 10 mm O.D. on the tubulations	–	1

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3922 PYREX® Apparatus, Modular 1L Continuous Heavier than Water Liquid/Liquid Extractor or Liquid/Liquid Extractor/Concentrator Systems (continued)

Cat. No.	Description (Components required to assemble a complete system)	Qty/Pk	Qty/Cs
3928-MSCO	Modular One-Step Snyder Column with a S 35/25 top outer Spherical Ball joint, S 18/19 outer Spherical Ball joint, and $ 24/40 inner Standard Taper bottom joint	–	1
4320-500	500 mL Round Bottom Collection Flask with a $ 24/40 outer Standard Taper joint	2	12
2158-500FO	500 mL Kuderna-Danish Flask with a $ 24/40 outer Standard Taper top and a $ 19/22 inner Standard Taper bottom joint. Includes springs and Keck Clamps for both joints	–	4
2157-10TO	10 mL Kuderna-Danish Collection Tubes with a $ 19/22 outer Standard Taper joint and graduations from 0 mL to 2 mL in 0.1 mL increments and from 3 mL to 10 mL in 1.0 mL increments. Please note: there are other styles and sizes of Kuderna-Danish Collection tubes that can be used the 500 mL Kuderna-Danish Flask.	1	6
7681-6	Replacement Stopcock Assembly with a 6 mm diameter bore for the Modular Crossover tube	–	1
7705	Replacement Fluorocarbon O-rings, Ave 1/2" O.D., and Ave 11/16" O.D. rings, each 3/32" in thickness, 70 Durometer	–	10



9601 PYREX Tube, Reaction, Combination Vessel and Receiver

This tube may be used for simple semi-micro vacuum or atmospheric distillation, either as a reaction flask or a receiving tube.

Cat. No.	$ Joint Size	Approx. Length (mm)	Qty/Cs
9601-24	24/40	200	1

*This tube is also a replacement part for organic chemistry kit Cat. No. 6949.

EVAPORATOR TRAPS



4000 PYREX Trap, Evaporator

Used in rotary evaporators. Consists of a round body with upper and lower stems. The lower stem, with $ inner joint at bottom, extends upward inside the body. The closed top of this stem has two side openings. The upper stem has a $ 24/40 outer joint.

Cat. No.	Approx. Capacity (mL)	Lower $ Joint	Approx. O.D. x Height (mm)	Qty/Cs
4000-10014	100	14/20	62 x 160	1
4000-10019	100	19/22	62 x 162	1
4000-10024	100	24/40	62 x 180	1
4000-25024	250	24/40	81 x 199	1
4000-50024	500	24/40	98 x 214	1

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FIBER GLASS



3950 PYREX® Fiber Glass, Code No. 9989 Glass

This fiber glass is made from fine glass fibers with diameters controlled to approximately 0.008 mm. This makes the glass pliable and easy to use. Manufactured from Code No. 9989 glass, this fiber glass contains minimal heavy metals and is suitable for use as a filtering medium. Supplied in the form of roving approximately 2 inches in O.D. x 22 feet long. Packaged in 0.23 kg. (0.5 lb.) bags. Not sold in quantities of less than 0.46 kg. (1 lb.).

Cat. No.	Pk/Cs	Qty/Cs
3950	1 lb./2 bags	12 lb./24 bags

FILLING BELLS



3960 PYREX Bell, Filling

For use with culture tubes and bottles. The smaller size will fit tubes up to 20 mm O.D. (without lip). The larger size can be used on bottles with maximum rim diameter of 44 mm.

Cat. No.	Approx. Height (mm)	Tubulation O.D. (mm)	Qty/Cs
3960-S	70	7	1
3960-L	85	11	1



3965 PYREX Bell, Filling, Aseptic

For aseptic filling of vessels. Rubber tubing is attached to the top of the tubulation while the receiving vessel is placed inside the bell.

Cat. No.	For Use With	Description	Tubulation O.D. (mm)	Dimensions O.D. x Height (mm)	Qty/Cs
3965-20	Tubes	Filling Bell	9.0	28 x 75	2
3965-40	Tubes	Filling Bell	9.0	45 x 105	2
3965-50	Bottles	Filling Bell	9.0	51 x 95	2
3965-70	Bottles	Filling Bell	9.0	75 x 130	2
3965-100	Bottles	Filling Bell	10.0	109 x 135	2

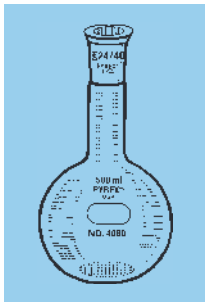
FLASKS



4060 PYREX Flask, Florence, Boiling, Flat Bottom, Long Neck, Tooled Mouth

Cat. No.	Approx. Capacity (mL)	Rubber Stopper No.	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
4060-50	50	1	50 x 94	–	1
4060-125	125	2	68 x 120	6	24
4060-250	250	5	82 x 134	6	24
4060-500	500	6	103 x 174	6	24
4060-1L	1000	8	132 x 213	–	6
4060-2L	2000	8	168 x 293	–	1
4060-6L	6000	11	237 x 367	–	1
4060-12L	12000*	11	297 x 371	–	1

*The 12000 mL size has a short neck.



4080 PYREX Flask, Florence, Boiling, Flat Bottom, Long Neck, ⅋ Joint

With full length outer ⅋ joints.

Cat. No.	Approx. Capacity (mL)	⅋ Joint Size	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
4080-250	250	24/40	82 x 154	6	12
4080-500	500	24/40	103 x 195	6	12

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4100 PYREX® Flask, Boiling, Flat Bottom, Short Neck, ⅋ Joint

With full length outer joints, but with shorter necks.

Cat. No.	Approx. Capacity (mL)	⅋ Joint Size	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
4100-50	50	24/40	50 x 98	–	1
4100-125	125	24/40	69 x 120	–	12
4100-250	250	24/40	82 x 135	6	12
4100-500	500	24/40	103 x 155	6	12
4100-1L	1000	24/40	132 x 185	1	12



4260 PYREX Flask, Boiling, Round Bottom, Short Ring Neck

Cat. No.	Approx. Capacity (mL)	Rubber Stopper No.	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
4260-250	250	5	83 x 120	–	1
4260-500	500	6	102 x 160	–	1
4260-1L	1000	8	130 x 185	6	12
4260-2L	2000	10	162 x 232	1	18
4260-3L	3000	10	184 x 260	–	1
4260-5L	5000	11	221 x 310	–	6
4260-12L	12000	11	295 x 378	–	1
4260-22L	22000	14	349 x 426	–	1



4280 PYREX Flask, Boiling, Round Bottom, Long Neck, Tooled Mouth

Cat. No.	Approx. Capacity (mL)	Rubber Stopper No.	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
4280-100	100	2	65 x 120	12	84
4280-250	250	5	83 x 149	–	1
4280-500	500	6	102 x 203	6	12
4280-1L	1000	8	130 x 241	6	30
4280-2L	2000	8	166 x 308	1	18
4280-5L	5000	11	221 x 380	1	6



4315 PYREX Flask, Pear-shaped

These flasks are equipped with ⅋ 14/20 outer joint.

Cat. No.	Approx. Capacity (mL)	⅋ Joint Size	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
4315-5	5	14/20	25 x 50	–	1
4315-6	6	14/20	24 x 55	–	1
4315-10	10	14/20	31 x 58	2	12
4315-15	15	14/20	32 x 63	–	1
4315-20	20	14/20	38 x 66	–	1
4315-35	35	14/20	46 x 80	–	1
4315-50	50	14/20	46 x 87	2	12
4315-65	65	14/20	53 x 86	–	1
4315-75	75	14/20	55 x 80	–	1
4315-100	100	14/20	60 x 115	–	1



4316 PYREX Flask, Pear-shaped

These flasks are equipped with ⅋ 19/22 joint.

Cat. No.	Approx. Capacity (mL)	⅋ Joint Size	Approx. O.D. x Height (mm)	Qty/Cs
4316-25	25	19/22	40 x 79	1
4316-100	100	19/22	40 x 79	1

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4318 PYREX® Flask, Pear-shaped

These flasks are equipped with a ⅋ 24/40 joint.

Cat. No.	Approx. Capacity (mL)	⅋ Joint Size	Approx. O.D. x Height (mm)	Qty/Cs
4318-50	50	24/40	50 x 100	1
4318-100	100	24/40	65 x 120	1
4318-150	150	24/40	70 x 135	1
4318-200	200	24/40	76 x 140	1
4318-250	250	24/40	83 x 152	1



4320 PYREX Flask, Boiling, Round Bottom, Short Neck, ⅋ Joint

With full length joints, but with short necks.

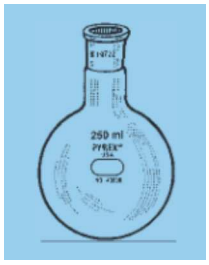
Cat. No.	Approx. Capacity (mL)	⅋ Joint Size	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
4320-50	50	19/38	49 x 98	2	12
4320-100	100	24/40	65 x 120	2	12
4320-250	250	24/40	83 x 140	2	12
4320-300	300	24/40	87 x 145	2	12
4320-500	500	24/40	102 x 160	2	12
4320-1L	1000	24/40	127 x 189	1	12
4320-2L	2000	24/40	162 x 220	1	6
4320-5L	5000	45/50	221 x 300	1	4
4320-12L	12000	55/50	295 x 385	–	1

The 100, 250, and 500 mL flasks are replacement parts for organic chemistry kits (Cat. Nos. 6949 through 6949K).



4320A PYREX Flask, Boiling, Round Bottom, Short Neck, ⅋ Joint

Cat. No.	Approx. Capacity (mL)	Joint Size	Approx. O.D. x Height (mm)	Qty/Cs
4320A-50	50	24/40	49 x 98	12



4320B PYREX Flask, Boiling, Round Bottom, Short Neck, ⅋ Joint

Cat. No.	Approx. Capacity (mL)	⅋ Joint Size	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
4320B-25	25	19/22	42 x 72	–	1
4320B-50	50	19/22	49 x 81	–	1
4320B-100	100	19/22	65 x 95	2	12
4320B-250	250	19/22	83 x 120	–	1
4320B-500	500	19/22	102 x 139	–	1

These flasks are replacement parts for organic chemistry kits (Cat. Nos. 6949 through 6949K).



4320C PYREX Flask, Boiling, Round Bottom, Short Neck, Heavy Wall, ⅋ Joint

This heavy duty boiling flask provides increased mechanical strength. The flask features walls which are 25% to 30% thicker than the standard version.

Cat. No.	Approx. Capacity (mL)	⅋ Joint Size	Approx. O.D. x Height (mm)	Qty/Cs
4320C-50	50	24/40	49 x 61	1
4320C-100	100	24/40	65 x 120	1
4320C-250	250	24/40	83 x 140	1
4320C-500	500	24/40	102 x 160	1
4320C-1L	1000	24/40	127 x 189	1
4320C-2L	2000	24/40	162 x 215	1
4320C-3L	3000	24/40	189 x 255	1
4320C-5L	5000	45/50	221 x 300	1
4320C-12L	12000	55/50	295 x 385	1

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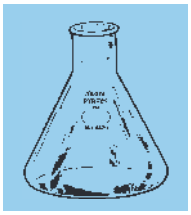
4321 PYREX® Flask, Boiling, Round Bottom, Short Neck, ¥ Joint

Cat. No.	Approx. Capacity (mL)	¥ Joint Size	Approx. O.D. x Height (mm)	Qty/Cs
4321-50	50	29/42	49 x 98	1
4321-100	100	29/42	63 x 120	1
4321-250	250	29/42	83 x 140	1
4321-500	500	29/42	102 x 157	1
4321-1L	1000	29/42	130 x 185	1
4321-2L	2000	29/42	162 x 217	1



4321A PYREX Flask, Boiling, Round Bottom, Short Neck, ¥ Joint

Cat. No.	Approx. Capacity (mL)	¥ Joint Size	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
4321A-5	5	14/20	26 x 52	2	12
4321A-10	10	14/20	31 x 57	2	12
4321A-25	25	14/20	42 x 70	–	1
4321A-50	50	14/20	49 x 84	–	1
4321A-100	100	14/20	65 x 95	1	12
4321A-250	250	14/20	83 x 114	–	1
4321A-500	500	14/20	102 x 137	–	1



4420 PYREX Flask, Fernbach, Culture

This wide mouth flask is designed for culturing organisms requiring a large surface area to volume ratio. It can also be used in serum production.

Cat. No.	Approx. Capacity (mL)	Approx. Rubber Stopper No.	Approx. O.D. x Height (mm)	Qty/Cs
4420-2XL	2800	13-14	205 x 230	6

Reference: Industrial and Engineering Chemistry, Vol. 21, No. 12, P. 1198. Note: Do not use this flask on a heat source smaller than the base of the flask. Uneven heating of the flask could cause breakage.



4422 PYREX Flask, Culture, Low Form

This narrow mouth flask is designed for culturing organisms requiring a large surface area to volume ratio. The neck O.D. is 38 mm.

Cat. No.	Approx. Capacity (mL)	Approx. Rubber Stopper No.	Approx. O.D. x Height (mm)	Qty/Cs
4422-2XL	2500	6.5	254 x 197	1

Caution: Do not use this flask on a heat source smaller than the base of the flask. Uneven heating of the flask could cause breakage.

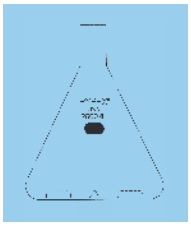


4423 PYREX Flask, Fernbach Culture Flask, Baffled, Beaded Neck

This wide-mouth flask is designed for culturing organisms requiring a large surface area to volume ratio. Triple baffled on the bottom outside edges to achieve maximal oxygen transfer to culture medium. Beaded neck is 63 mm I.D. and accepts cotton plugs or rubber stoppers.

Cat. No.	Approx. Capacity (mL)	Rubber Stopper No.	Approx. O.D. x Height (mm)	Qty/Cs
4423-2XL	2800	13	200 x 230	3

Caution: Do not place on a direct heat source.



4424 PYREX Flask, Fernbach Culture Flask, Baffled, Plain Neck

This triple baffled flask has a Delong style 38 mm neck for plastic or stainless steel closures. Triple baffles are located at the center of the flask bottom to achieve maximal oxygen transfer to culture medium. Closures are sold separately.

Cat. No.	Approx. Capacity (mL)	Approx. Neck O.D. (mm)	Approx. O.D. x Height (mm)	Qty/Cs
4424-2XL	2800	38	200 x 260	3

Caution: Do not place on a direct heat source.

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4425 PYREX® Flask, Fernback Culture Flask, Baffled, with Screw Cap

This wide mouth flask is designed for culturing organisms requiring a large surface area to volume ratio. Triple baffled on the bottom outside edges to achieve maximal oxygen transfer to culture medium. Supplied with GL45 orange polypropylene cap.

Cat. No.	Approx. Capacity (mL)	Approx. O.D. x Height (mm)	Qty/Cs
4425-2XL	2800	200 x 230	3

For replacement caps, see Cat. No. 1395-45LTC.
Caution: Do not place on a direct heat source.



4442 PYREX Flask, Culture, Long Neck

The long neck culture flask is basically an Erlenmeyer flask to which a long straight, rimless neck of heavy tubing has been added. The longer necks reduce the amount of splashed solution reaching the closure. It is ideal for shaker cultures.

Cat. No.	Description	Approx. Neck O.D. (mm)	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
4442-50	Flask, 50 mL	18	50 x 105	6	24
4442-125	Flask, 125 mL	25	66 x 122	6	12
4442-250	Flask, 250 mL	38	81 x 138	6	12
4442-500	Flask, 500 mL	38	101 x 181	–	1
4442-1L	Flask, 1000 mL	38	129 x 216	–	1
4442-2L	Flask, 2000 mL	38	160 x 285	–	1
26794-25*	Closure, Orange	25	–	50	100
26795-25*	Closure, Natural	25	–	50	100
26796-38**	Closure, Orange	38	–	50	100
26797-38**	Closure, Natural	38	–	50	100

*Closure fits 125 mL
**Closure fits 250, 500, 1L, 2L



4443 PYREX Flask, Biometer, PYREX #2 Stopcock

Used to measure production of carbon dioxide produced by microorganisms grown on a variety of culture medium over longer periods of time. Minimizes the need for commonly used gas trains. Also useful in Bioremediation studies. Supplied complete with No. 6 rubber stopper in flask neck No. 7 rubber stopper in the side tube and 16 gauge needle.

Cat. No.	Description	Approx. Overall Height (mm)	Qty/Cs
4443-250	Flask, Complete, 250 mL	–	1

4444 PYREX Flask, Baffled

Delong style, with three baffle indents designed to provide greater agitation of solutions to improve oxygen or gas transfer when used with rotary or reciprocating shakers. Long neck reduces splashing and is designed for two-position polypropylene closures.



Cat. No.	Description	Approx. Neck O.D. (mm)	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
4444-125	Flask, 125 mL	25	70 x 140	–	6
4444-250	Flask, 250 mL	38	85 x 155	–	6
4444-500	Flask, 500 mL	38	100 x 200	–	6
4444-1L	Flask, 1000 mL	38	130 x 240	–	6
4444-2L	Flask, 2000 mL	38	160 x 282	–	1
4444-4L	Flask, 4000 mL	38	210 x 350	–	1
26794-25*	Closure, Orange	25	–	50	100
26795-25*	Closure, Natural	25	–	50	100
26796-38**	Closure, Orange	38	–	50	100
26797-38**	Closure, Natural	38	–	50	100

*Closure fits 125 mL
**Closure fits 250, 500, 1L, 2L

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4446 PYREX® Flask, Shaker, Extra-Deep Baffles

Delong style neck, with three extra-deep baffles, to enhance gas transfer when used with rotary or reciprocating shakers. Long neck reduces splashing and is designed for two-position polypropylene closures. Closures are sold separately.

Cat. No.	Description	Approx. Neck O.D. (mm)	Approx. O.D. x Height (mm)	Qty/Cs
4446-50	Flask, 50 mL	51 x 106	18	12
4446-125	Flask, 125 mL	67 x 140	25	12
4446-250	Flask, 250 mL	82 x 147	38	12
4446-300	Flask, 300 mL	89 x 155	38	12
4446-500	Flask, 500 mL	101 x 200	38	12
4446-1L	Flask, 1000 mL	129 x 240	38	6
4446-2L	Flask, 2000 mL	160 x 282	38	3
4446-3L	Flask, 3000 mL	185 x 327	38	2
4446-4L	Flask, 4000 mL	206 x 350	38	2



4450 PYREX Flask, Shaker, Baffled

Heavy tooled rim for maximum durability. The same baffle design as found on our Delong flasks promotes optimal and consistent solution agitation when used with flask shakers.

Cat. No.	Approx. Capacity (mL)	Approx. O.D. x Height. (mm)	Rubber Stopper No.	Qty/Cs
4450-125	125	70 x 115	5	6
4450-250	250	85 x 155	6	6
4450-500	500	100 x 180	7	6
4450-1L	1000	130 x 220	8.5	1



4460 PYREX Flask, Trypsinizing, Beaded Neck, Baffled

Flasks are used for converting homogenous tissue samples into cell suspensions by digestion of connective proteins. Heavy beaded neck accepts cotton plugs. Four extra-deep baffles enhance vigorous agitation.

Cat. No.	Description	Approx O.D. x Height (mm)	Height of Baffles (mm)	Qty/Cs
4460-50	Flask, 35 mL	51 x 77	30	3
4460-125	Flask, 75 mL	67 x 102	50	3
4460-250	Flask, 150 mL	82 x 130	70	3
4460-500	Flask, 300 mL	101 x 167	95	3
4460-1L	Flask, 700 mL	129 x 204	105	2
4460-2L	Flask, 1500 mL	160 x 290	125	2



4465 PYREX Flask, Trypsinizing, with Sidearm, Screw Caps, Baffled

Flasks are used for converting homogenous tissue samples into cell suspensions by digestion of connective proteins. Phenolic screw cap with rubber liner on neck and sidearm. Designed with well below sidearm to prevent unseparated tissues from being poured out of flask. Four extra long, extra deep baffles promote vigorous agitation.

Cat. No.	Description	Height of Baffles (mm)	Ctr. Neck G.P.I.	Sidearm G.P.I.	Qty/Cs
4465-125	Flask, 125 mL	50	33-430M	20-415	3
4465-250	Flask, 250 mL	45	38-430M	20-415	3
4465-500	Flask, 300 mL	95	38-430M	20-415	3

For replacement caps, see Cat. No. 9999-381M.

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4620 PYREX® Flask, Distilling

The sidearm on all sizes, except 125 mL, is approximately 77 mm below the top of the neck at an angle of 75°. Adaptable for use with thermometers calibrated for 76 mm immersion. The sidearm of the 125 mL flask is located approximately 137 mm from the bottom of the flask to meet the requirements of ASTM E-1405 and can be used in ASTM tests D-86, D-233, and D-447. Suitable for microchemical applications.

Cat. No.	Approx. Capacity (mL)	Rubber Stopper No.	Approx. O.D. x Height (mm)	Sidearm O.D. x Length (mm)	Qty/Pk	Qty/Cs
4620-25	25	0	42 x 157	7 x 100	–	1
4620-50	50	0	49 x 163	7 x 100	–	1
4620-125*	125	2	69 x 214	7 x 100	6	24
4620-250	250	3	86 x 250	9 x 130	4	24
4620-500	500	4	102 x 268	9 x 130	–	1
4620-1L	1000	5	130 x 321	11 x 180	–	1

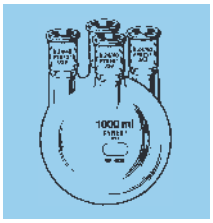
*Heavy duty.



4720 PYREX Flask, Church, Distilling

For the distillation of bituminous materials suitable for road treatment. Also used in the Standard Method of Test of the Distillation of Creosote Oil, American Wood Preservers Association, method 11e, Barrett method C 9, American Association of State Highway Officials, methods T 52 and T 62.

Cat. No.	Approx. Capacity (mL)	Rubber Stopper No.	Approx. O.D. x Height (mm)	Sidearm O.D. x Length (mm)	Qty/Cs
4720-500	500	5	102 x 135	13 x 220	1



4935 PYREX Flask, Distilling, Four Necks, Vertical Type, Outer ⧲ Joints

The three side necks are placed 90° apart.

Cat. No.	Approx. Capacity (mL)	Center Neck ⧲ Joint Size	Side Neck ⧲ Joint Size	Approx. O.D. x Height (mm)	Qty/Cs
4935-1L	1000	34/45	24/40	130 x 190	1
4935-2L	2000	45/50	24/40	162 x 235	1
4935-5L	5000	45/50	24/40	221 x 300	1



4950 PYREX Flask, Distilling, Three Necks, Vertical Type, ⧲ 24/40 Joints

The three necks are the same height. Each neck has a ⧲ 24/40 joint.

Cat. No.	Approx. Capacity (mL)	⧲ Joint Size	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
4950-500	500	24/40	102 x 160	1	4
4950-1L	1000	24/40	130 x 185	1	4
4950-2L	2000	24/40	162 x 215	1	4
4950-3L	3000	24/40	184 x 240	1	3
4950-5L	5000	24/40	221 x 275	1	3



4960 PYREX Flask, Distilling, Three Necks, Vertical Type, ⧲ Joints

With full length ⧲ joints.

Cat. No.	Approx. Capacity (mL)	Center Neck ⧲ Joint Size	Side Neck ⧲ Joint Size	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
4960-250	250	24/40	24/40	83 x 140	1	4
4960-500	500	34/45	24/40	102 x 165	1	4
4960-1L	1000	34/45	24/40	130 x 190	1	4
4960-2L	2000	45/50	24/40	162 x 228	1	4
4960-3L	3000	45/50	24/40	185 x 250	1	3
4960-5L	5000	45/50	24/40	221 x 300	1	3
4960-12L	12000	55/50	29/42	295 x 385	–	1

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4963A PYREX® Flask, Distilling, Micro, Three Necks, Angle Type, ¨ Joints

Cat. No.	Approx. Capacity (mL)	Center Neck ¨ Joint Size	Side Neck ¨ Joint Size	Approx. O.D. x Height (mm)	Qty/Cs
4963A-25	25	14/20	14/20	43 x 71	1
4963A-50	50	14/20	14/20	49 x 75	1



4965 PYREX Flask, Distilling, Three Necks, Angle Type, ¨ Joints

Cat. No.	Approx. Capacity (mL)	Center Neck ¨ Joint Size	Side Neck ¨ Joint Size	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
4965-100	100	24/40	19/38	65 x 120	1	4
4965-250*	250	24/40	24/40	83 x 140	1	4
4965-500	500	34/45	24/40	102 x 160	1	4
4965-1L	1000	34/45	24/40	130 x 190	1	4

*The 250 mL flask is also a replacement part for organic chemistry kits (Cat. Nos. 6949 through 6949K).



4965A PYREX Flask, Distilling, Three Necks, Angle Type, ¨ Joints

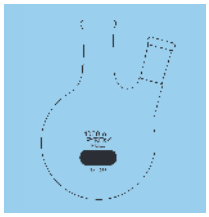
Cat. No.	Approx. Capacity (mL)	¨ Joint Size	Approx. O.D. x Height (mm)	Qty/Cs
4965A-500	500	24/40	87 x 156	1
4965A-1L	1000	24/40	130 x 185	1



4965B PYREX Flask, Distilling, Three Necks, Angle Type, ¨ Joints

Cat. No.	Approx. Capacity (mL)	¨ Joint Size	Approx. O.D. x Height (mm)	Qty/Cs
4965B-500*	500	19/22	102 x 138	1
4965B-250	250	19/22	83 x 128	1

*This 500 mL flask is also a replacement part for organic chemistry kits (Cat. Nos. 6949 through 6949K).



4968 PYREX Flask, Replacement Part, Two Neck Boiling, ¨ Joints

This specially designed 1L boiling flask is a replacement part for the PYREX Cyanide Distilling Apparatus (Cat. No. 3350-C).

Cat. No.	Approx. Capacity (mL)	Center Neck ¨ Joint Size	Side Neck ¨ Joint Size	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
4968-1L	1000	24/40	19/38	188 x 130	1	1



4980 PYREX Flask, Erlenmeyer, Narrow Mouth, Heavy Duty Rim, Graduated

Approximate graduations are in durable white enamel. An extra large marking space is also provided. Heavy, durable top tooling.

Cat. No.	Approx. Capacity (mL)	Rubber Stopper No.	Grad. Range (mL)	Grad. Increment (mL)	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
4980-10	10	0	5-10	5	31 x 50	–	12
4980-25	25	0	10-25	5	41 x 65	12	48
4980-50	50	1	20-50	10	51 x 78	12	48
4980-125	125	5	50-125	25	67 x 114	12	48
4980-250	250	6	50-200	25	82 x 132	12	48
4980-300	300	6	100-300	25	89 x 144	12	48
4980-500	500	7	100-500	50	101 x 176	6	36
4980-1L	1000	9	250-1000	50	129 x 216	6	24
4980-1XL	1500	9	400-1500	100	149 x 244	–	1
4980-2L	2000	10	600-1800	200	160 x 268	1	8
4980-4L	4000	10	1000-4000	500	206 x 360	1	4
4980-6L	6000	10	1500-6000	500	241 x 410	1	4
4980-PACK	Assortment Pack*				1	1	

*A convenience pack containing one each of the most popular sizes of Cat. No. 4980 series flask. Designed for the low volume user, a case contains one each of five sizes: 50 mL, 125 mL, 250 mL, 500 mL, and 1L. Packaged in a partitioned carton for safe transit and storage.

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4985 PYREX® Flask, Erlenmeyer, Screw Cap, Graduated

These Erlenmeyer flasks with phenolic screw caps are ideal for culturing, mixing and storing media. Impact resistant caps are equipped with cemented-in, inert white rubber liners which are resistant to steam sterilization. Flasks are graduated and include marking space.

Cat. No.	Approx. Capacity (mL)	G.P.I. Thread Finish	Grad. Range (mL)	Grad. Increment (mL)	Approx. O.D. x Height (mm)	Qty/ Pk	Qty/ Cs
4985-50	50	24-410	20-50	10	50 x 78	12	24
4985-125	125	24-410	50-125	25	68 x 105	12	24
4985-250	250	38-430M	50-200	25	81 x 135	6	24
4985-500	500	38-430M	100-500	50	102 x 186	6	24
4985-1L	1000	38-430M	250-1000	50	128 x 218	6	12

For cap only, see Cat. No. 9999.



4995 PYREX Flask, Erlenmeyer, GL 45, Wide-mouth, Screw Cap, Graduated

Features a convenient single size plug-seal cap. Wide, 29 mm neck opening makes it easy to use larger volume serological pipets. Ideal product for all media prep and storage needs. Can be used as vented culture flask when optional membrane cap is used.

Cat. No.	Description	Approx. O.D. x Height (mm)	Qty/ Cs
4995-250	Flask, 250 mL	81 x 140	6
4995-500	Flask, 500 mL	102 x 185	6
4995-1L	Flask, 1000 mL	128 x 225	6
4995-2L	Flask, 2000 mL	160 x 268	1
4995-4L	Flask, 4000 mL	206 x 335	1
4995-6L	Flask, 6000 mL	235 x 395	1

For replacement caps, O-rings or Vented Membrane Cap, see Cat. No. 1395.



5000 PYREX Flask, Erlenmeyer, Narrow Mouth, ⅋ Joint, Graduated

A range of Erlenmeyer flasks with joints. For convenience, these flasks are graduated to show approximate capacity.

Cat. No.	Approx. Capacity (mL)	⅋ Joint Size	Approx. O.D. x Height (mm)	Qty/ Pk	Qty/ Cs
5000-50	50	19/ 38	48x98	–	1
5000-125	125	24/ 40	67 x 120	6	12
5000-250	250	24/ 40	81 x 161	6	12
5000-500*	500	24/ 40	101 x 198	6	12

*Reference ASTM E-123.



5020 PYREX Flask, Erlenmeyer, Narrow Mouth, PYREX ⅋ Stopper, Graduated

For convenience, these flasks are graduated to show approximate capacity. The 25 mL, 50 mL, and 125 mL flasks are satisfactory for use as a weighing bottle.

Cat. No.	Description	Approx. Capacity (mL)	Approx. O.D. x Height (mm)	Stopper No.	Qty/ Pk	Qty/ Cs
5020-25	Complete	25	40 x 92	16	6	12
5020-50	Complete	50	48 x 101	19	12	12
5020-125	Complete	125	68 x 136	22	6	12
5020-250	Complete	250	81 x 171	27	6	12
5020-500	Complete	500	101 x 215	32	1	8
5020-1L	Complete	1000	129 x 241	32	1	6

For stopper only, see Cat. No. 7650.

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55020 PYREX® Flask, Low Actinic, Erlenmeyer, Narrow Mouth, PYREX Stopper

Low actinic stained glass provides protection for materials sensitive to light. The protective color is an integral part of the flask, which retains the mechanical strength, chemical stability and thermal resistance of PYREX brand labware.

Cat. No.	Description	Approx. Capacity (mL)	Stopper No.	Qty/Cs
55020-250	Complete	250	27	1



5100 PYREX Flask, Erlenmeyer, Heavy Duty Rim, Wide Mouth, Graduated

A wide mouth flask especially recommended for use as a titration flask. For convenience, these flasks are graduated to show the approximate capacity and have an extra large marking spot.

Cat. No.	Approx. Capacity (mL)	Rubber Stopper No.	Grad. Range (mL)	Grad. Increment (mL)	Qty/Pk	Qty/Cs
5100-125	125	6	50-125	25	12	48
5100-250	250	8	50-200	25	12	48
5100-500	500	10	100-500	50	6	36
5100-1L	1000	11	250-1000	50	6	24
5100-2L	2000	13	400-1800	100	1	8



5320 PYREX Flask, Filtering, Heavy Wall, Graduated

These flasks, without tubulation, are blown in special molds, in shapes designed to give maximum mechanical strength. These flasks are graduated to show their approximate capacity. Marked "Filter Flask" to avoid confusion with similar sizes of Erlenmeyer flasks. All flasks have permanent white enamel graduations and marking spots.

Cat. No.	Approx. Capacity (mL)	Grad. Range (mL)	Grad. Increment (mL)	Rubber Stopper No.	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
5320-250	250	75-250	25	6	84 x 146	6	18
5320-500	500	150-500	50	7	106 x 184	6	18
5320-1L	1000	300-1000	50	8	127 x 238	6	12
5320-2L	2000	600-1800	200	9	168 x 292	1	12
5320-4L	4000	1500-3500	500	12	198 x 372	1	6



5340 PYREX Flask, Filtering, Heavy Wall, Tubulation, Graduated

These flasks, with tubulation, are blown in special molds, in shapes designed to give maximum mechanical strength. For convenience, the flasks are graduated to show approximate capacity. The neck finish affords an excellent fit for rubber stoppers. Tubulation O.D. on sizes up to 1000 mL is approximately 10 mm. Tubulation O.D. for 2000 mL and 4000 mL is approximately 12.5 mm.

Cat. No.	Approx. Capacity (mL)	Grad. Range (mL)	Grad. Increment (mL)	Rubber Stopper No.	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
5340-250	250	75-250	25	6	84 x 146	6	18
5340-500	500	150-500	50	7	106 x 184	6	18
5340-1L	1000	300-1000	50	8	127 x 238	6	12
5340-2L	2000	600-1800	200	9	168 x 292	1	12
5340-4L	4000	1500-3500	500	12	198 x 356	1	6

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65340 PYREXPLUS® Flask, Filtering, Heavy Wall, Protective Coating, Tubulation, Graduated

Flask features a protective PVC coating for longer product life and safety. Protective coating helps prevent glass from shattering and reduces spills. Autoclavable (121°C) and resistant to thermal shock. For convenience, the flasks are graduated to show approximate capacity. Tubulation O.D. is approximately 10 mm on sizes up to 1000 mL. Tubulation O.D. is approximately 12.5 mm on 2000 and 4000 mL sizes. The tubulation is not coated to allow easy connection of standard size tubing.

Cat. No.	Approx. Capacity (mL)	Grad. Range (mL)	Grad. Increment (mL)	Rubber Stopper No.	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
65340-250	250	75-250	25	6	84 x 146	–	6
65340-500	500	150-500	50	7	106 x 184	–	6
65340-1L	1000	300-1000	50	8	127 x 238	–	6
65340-2L	2000	600-1800	200	9	168 x 292	1	4
65340-4L	4000	1500-3500	500	12	198 x 356	1	2

Do not place over direct heat or flame. Do not heat above 121°C moist heat or 110°C dry heat.



5341 PYREX® Flask, Filtering, Heavy Wall, Replaceable Tubulation

These heavy wall flasks have seated a bent, removable plastic tubulation in a grommet. Should the flask be upset, the grommet acts as a shock absorber. For convenience, the flasks are graduated to show approximate capacity. The neck finish affords an excellent fit for rubber stoppers of appropriate size. Tubulation O.D. is approximately 12.5 mm.

Cat. No.	Approx. Capacity (mL)	Grad. Range (mL)	Grad. (mL) Increment	Approx. O.D. x Height (mm)	Rubber Stopper No.	Qty/Pk	Qty/Cs
5341-250	250	75-250	25	84 x 146	6	1	1
5341-500	500	150-500	50	106 x 184	7	1	1
5341-1L	1000	300-1000	50	127 x 238	8	6	12
5341-2L	2000	600-1800	200	168 x 292	9	1	6
5341-4L	4000	1500-3500	500	198 x 356	12	1	4
5341-PTO	Replaceable Sidearm Tubulation for 5341 PYREX Heavy Wall Filtering Flasks					–	6



5360 PYREX Flask, Filtering, Micro, Tubulation

These small filtering flasks are recommended for microchemical use. All flasks have permanent white enamel marking spots.

Cat. No.	Approx. Capacity (mL)	Tubulation O.D. (mm)	Rubber Stopper No.	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
5360-25	25	10	3	40 x 75	6	18
5360-50	50	10	4	51 x 85	6	18
5360-125	125	10	5	70 x 110	6	18



5400 PYREX Flask, Iodine Determination, Pyrex ® Stopper

These iodine determination flasks are blown in specially designed molds, thereby insuring uniformity and proper contour. The stopper projects above the liquid seal trough to facilitate removal.

Cat. No.	Approx. Capacity (mL)	® Stopper No.	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
5400-125	125	22	66 x 146	6	12
5400-250	250	22	81 x 184	1	8
5400-500	500	22	101 x 220	–	6

Reference: ASTM D-29 and D-555.
For stopper only, see Cat. No. 7640N.

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5420 PYREX® Flask, Kjeldahl, Round Bottom, Long Neck

Of all the common laboratory test methods, the Kjeldahl method for determining nitrogen subjects the boiling Áask to the most severe thermal and chemical abuse. These Kjeldahl Áasks, specially styled, have tooled Ànished necks for extra strength and uniform stopper Àt. Wall thickness is controlled to offer the optimum balance between thermal shock and chemical resistance. Can be used in ASTM E-258 procedure. Care must be taken to ensure the bottoms of the Áasks do not come in contact with the heating elements. Most Kjeldahl equipment manufacturers have ring supports for this purpose.

Cat. No.	Approx. Capacity (mL)	Rubber Stopper No.	Approx. O.D. x Height (mm)	Qty/ Pk	Qty/ Cs
5420-100	100	2	55 x 210	6	24
5420-300	300	5	79 x 298	6	24
5420-500	500	6	101 x 324	6	24
5420-800	800	7	117 x 365	6	18

Reference: ASTM E-1377.



5440 PYREX Flask, Kjeldahl, Micro, Round Bottom, Long Neck

Flask, without tooled neck, is suitable for multiple micro digestions. Care must be taken to ensure the bottoms of the Áasks do not come in contact with the heating elements. Most Kjeldahl equipment manufacturers have ring supports for this purpose.

Cat. No.	Approx. Capacity (mL)	Rubber Stopper No.	Approx. O.D. x Height (mm)	Qty/ Pk	Qty/ Cs
5440-30	30	0	40 x 180	6	18

Reference: ASTM E-147.



5580 PYREX Flask, Volumetric, Class A, Snap Cap

The strength of these Áasks has been increased appreciably through machine-blown bodies to which are sealed heavy-beaded, heavy-tubing necks, tooled for snap cap Àt. The graduation line is sharp and permanent; large white block letters make the inscription easy to read. The 1 mL and 2 mL sizes are test tube shaped. The 10 mL through 2000 mL sizes are supplied with snap caps.

Cat. No.	Capacity (mL)	Tol. (± mL)	Approx. O.D. x Height (mm)	Snap-Cap No.	Qty/ Pk	Qty/ Cs
5580-1*	1	0.01	10 x 55	–	6	12
5580-2*	2	0.015	9 x 85	–	6	12
5580-10	10	0.02	28 x 78	10	–	12
5580-25	25	0.03	40 x 100	25	6	12
5580-50	50	0.05	51 x 130	50	6	12
5580-100	100	0.08	60 x 160	100	6	12
5580-200	200	0.10	74 x 214	200	6	12
5580-250	250	0.12	78 x 225	250	6	12
5580-500	500	0.20	100 x 259	500	6	12
5580-1L	1000	0.30	125 x 310	1000	1	6
5580-2L	2000	0.50	158 x 357	2000	1	4

*No snap caps for 1 mL and 2 mL sizes.
For snap caps only, see Cat. No. 7666.

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5600 PYREX® Flask, Lifetime Red™, Volumetric, Class A, Snap Cap, Graduated, To Contain

The capacity mark is a fine line etched through a narrow red band into clear glass, making a filler unnecessary and giving high legibility, accuracy, and permanence. Snap caps supplied with all sizes.

Cat. No.	Capacity (mL)	Tol. (± mL)	Approx. O.D. x Height (mm)	Snap-Cap No.	Qty/Pk	Qty/Cs
5600-25	25	0.03	40 x 100	25	6	12
5600-50	50	0.05	51 x 130	50	6	12
5600-100	100	0.08	60 x 160	100	6	12
5600-200	200	0.10	74 x 214	200	6	12
5600-250	250	0.10	74 x 225	250	6	12
5600-500	500	0.20	100 x 259	500	6	12
5600-1L	1000	0.30	125 x 310	1000	1	6
5600-2L	2000	0.50	158 x 357	2000	1	4

For snap cap, see Cat. No. 7666.



5630 PYREX Flask, Volumetric, Class A, Micro, Hexagonal Base, PYREX ȿ Stopper

Volumetric flasks for microchemical work, sizes 1 mL through 5 mL, are designed in accordance with the recommendations of the Committee of Microchemical Apparatus, Analytical Division of the A.C.S. To improve the stability of this small flask, a hexagonal base, similar to those on all cylinders, has been added. The graduation line is sharp and permanent. The white markings are easy to read.

Cat. No.	Capacity (mL)	Tol. (± mL)	Approx. O.D x Height (mm)	ȿ Stopper No.	Qty/Pk	Qty/Cs
5630-1	1	0.01	8 x 68	8	–	12
5630-2	2	0.015	12 x 71	8	–	12
5630-5	5	0.02	17 x 80	8	–	12
5630-10	10	0.02	20 x 105	9	–	12
5630-25	25	0.03	29 x 132	9	6	12

For stoppers only, see Cat. No. 7650.
Reference: ASTM E-237.



5631 PYREX Flask, Volumetric, Class A, Corning Certified and Serialized, Micro, PYREX ȿ Stopper

Calibrated to Class A Tolerance and individually serialized and supplied with a Certificate of Identification and Capacity. To improve the stability of this flask, a hexagonal base has been added. The graduation line is sharp and permanent and the white markings are easy to read. Each flask features a PYREX ȿ stopper.

Cat. No.	Capacity (mL)	Tol. (± mL)	Approx. O.D x Height (mm)	ȿ Stopper No.	Qty/Cs
5631-1	1	0.01	8 x 68	8	6
5631-2	2	.015	12 x 71	8	6
5631-5	5	0.02	17 x 80	8	6
5631-10	10	0.02	20 x 105	9	6
5631-25	25	0.03	29 x 132	9	6

For stoppers only, see Cat. No. 7650.



5635 PYREX Flask, Volumetric, Class A, Wide Mouth, Heavy Duty, PYREX ȿ Stopper

Designed for microchemical work. The heavy duty, wide mouth facilitates filling and mixing. Easy-to read graduation line is sharp and permanent. Supplied with interchangeable standard taper ground glass stoppers.

Cat. No.	Capacity (mL)	Tol. (± mL)	Approx. O.D x Height (mm)	ȿ Stopper No.	Qty/Cs
5635-10	10	0.02	31 x 83	13	6
5635-25	25	0.03	40 x 100	13	6
5635-50	50	0.05	51 x 130	13	6
5635-100	100	0.08	66 x 160	16	6
5635-200	200	0.10	80 x 180	19	6
5635-250	250	0.12	87 x 180	19	6

For replacement stopper only, see Cat. No. 7650.

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55635 PYREX® Flask, Low Actinic, Volumetric, Class A, Wide Mouth, Heavy Duty, PYREX ȳ Stopper

Low actinic stained glass provides protection for materials sensitive to light. The protective color is an integral part of the flask, which retains the mechanical strength, chemical stability, and thermal resistance of the PYREX brand labware. The heavy duty, wide mouth accommodates pipet filling and mixing. Easy to read graduation line is sharp and permanent. Designed for microchemical work and calibrated to Class A Tolerance. Each flask features a PYREX ȳ stopper.

Cat. No.	Capacity (mL)	Approx. O.D. x Height (mm)	ȳ Stopper No.	Qty/Cs
55635-25	25	40 x 100	13	6
55635-50	50	51 x 130	13	6
55635-100	100	65 x 160	16	6
55635-250	250	87 x 180	19	6

For stoppers only, see Cat. No. 7650.



5640 PYREX Flask, Volumetric, Class A, PYREX ȳ Stopper

The strength of these flasks has been increased appreciably through machine-blown bodies to which are sealed heavy-tubing necks tooled for ȳ glass stoppers. The graduation line is sharp and permanent; large white block letters make the inscription easy to read. The 1 mL and 2 mL sizes are test tube shaped. Sizes 3L through 6L have pennyhead ȳ stoppers.

Cat. No.	Description	Capacity (mL)	Tol. (± mL)	Approx. O.D. x Height (mm)	ȳ Stopper No.	Qty/ Pk	Qty/ Cs
5640-1	Complete	1	0.01	9 x 79	8	–	12
5640-2	Complete	2	0.015	9 x 114	8	–	12
5640-5	Complete	5	0.02	26 x 91	8	–	12
5640-10	Complete	10	0.02	28 x 99	9	–	12
5640-25	Complete	25	0.03	40 x 121	9	6	12
5640-50	Complete	50	0.05	50 x 151	9	6	12
5640-100	Complete	100	0.08	60 x 181	13	6	12
5640-200	Complete	200	0.10	74 x 214	13	6	12
5640-250	Complete	250	0.12	78 x 252	16	6	12
5640-500	Complete	500	0.20	99 x 287	19	6	12
5640-1L	Complete	1000	0.30	127 x 346	22	1	6
5640-2L	Complete	2000	0.50	180 x 440	27	1	4
5640-3L	Complete	3000	1.0	205 x 440	32	–	1
5640-4L	Complete	4000	1.0	205 x 480	38	–	1
5640-5L	Complete	5000	1.5	225 x 520	38	–	1
5640-6L	Complete	6000	2.0	230 x 550	38	–	1
5640-10FO	Flask only	10	–	–	–	–	12
5640-25FO	Flask only	25	–	–	–	–	1
5640-50FO	Flask only	50	–	–	–	–	1
5640-100FO	Flask only	100	–	–	–	–	12
5640-200FO	Flask only	200	–	–	–	–	1
5640-250FO	Flask only	250	–	–	–	–	1
5640-500FO	Flask only	500	–	–	–	–	1
5640-1LFO	Flask only	1000	–	–	–	–	1

For stopper only, see Cat. Nos. 7650 and 7661.

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55640 PYREX® Flask, Low Actinic, Volumetric, Class A, PYREX ⅋ Stopper

Low actinic stained glass provides protection for materials sensitive to light. The protective color is an integral part of the flask, which retains the mechanical strength, chemical stability, and thermal resistance of PYREX brand labware.

Cat. No.	Capacity (mL)	Tol. (± mL)	Approx. O.D. x Height (mm)	⅋ Stopper No.	Qty/ Pk	Qty/ Cs
55640-10	10	0.02	28 x 99	9	–	12
55640-25	25	0.03	40 x 121	9	6	12
55640-50	50	0.05	51 x 130	9	6	12
55640-100	100	0.08	60 x 181	13	6	12
55640-200	200	0.1	74 x 214	13	6	12
55640-200FO	200	0.1	74 x 214	13	6	12
55640-250	250	0.12	78 x 225	16	6	12
55640-250FO	250	0.12	78 x 225	16	6	12
55640-500	500	0.20	100 x 259	19	–	1
55640-1L	1000	0.30	125 x 342	22	–	1
55640-2L	2000	0.5	161 x 357	27	–	1



65640 PYREXPLUS® Flask, Volumetric, Class A, Protective Coating, PYREX ⅋ Stopper

Flask features a protective PVC coating for longer product life and safety. Protective coating helps prevent glass from shattering and reduces spills. Autoclavable (121°C) and resistant to thermal shock. The graduation mark is easy to read. Supplied with ⅋ PYREX stopper.

Cat. No.	Description	Capacity (mL)	Tol. (± mL)	Approx. O.D. x Height (mm)	⅋ Stopper No.	Qty/ Pk	Qty/ Cs
65640-100	Complete	100	0.08	60 x 181	13	6	12
65640-200	Complete	200	0.10	74 x 214	13	6	12
65640-250	Complete	250	0.12	78 x 252	16	6	12
65640-500	Complete	500	0.20	100 x 287	19	6	12
65640-1L	Complete	1000	0.30	125 x 342	22	1	4
65640-2L	Complete	2000	0.50	161 x 357	27	1	2

For stopper only, see Cat. No. 7650.
Warning: Do not place over direct heat or flame. Do not heat above 121°C moist heat or 110°C dry heat.



5641 PYREX Flask, Volumetric, PYREX ⅋ Stopper

Economy flasks designed for those that do not require the precision accuracy of our Class A capacity flasks. Capacity tolerances are twice those specified for Class A volumetric ware. The graduation line is sharp and permanent; large white block letters make inscriptions easy to read. Supplied with interchangeable ⅋ ground glass stoppers.

Cat. No.	Capacity (mL)	Tol. (± mL)	Approx. O.D. x Height (mm)	⅋ Stopper No.	Qty/ Pk	Qty/ Cs
5641-10	10	0.04	28 x 99	9	–	12
5641-25	25	0.06	40 x 121	9	6	12
5641-50	50	0.10	51 x 151	9	6	12
5641-100	100	0.16	60 x 181	13	6	12
5641-200	200	0.20	74 x 214	13	6	12
5641-250	250	0.24	78 x 252	16	6	12
5641-500	500	0.40	100 x 287	19	6	12
5641-1L	1000	0.60	125 x 342	22	1	6
5641-2L	2000	1.0	161 x 388	27	1	4

For stopper only, see Cat. No. 7650.

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5642 PYREX® Flask, Volumetric, Class A, Polyethylene ȳ Stopper

The strength of these Áasks has been increased appreciably through machine-blown bodies to which are sealed heavy-beaded, heavy-tubing necks, tooled for polyethylene stopper. The stopper is made with a closed bottom and is of linear high density polyethylene to conform to ȳ stopper dimensions. The graduation line is sharp and permanent; large white block letters make the inscription easy to read. The 2 mL size is test tube shaped.

Cat. No.	Capacity (mL)	Tol. (± mL)	Approx. O.D. x Height (mm)	ȳ Stopper No.	Qty/ Pk	Qty/ Cs
5642-5	5	0.02	26 x 91	8	–	1
5642-10	10	0.02	28 x 99	9	–	12
5642-25	25	0.03	40 x 121	9	6	12
5642-50	50	0.05	51 x 151	9	6	12
5642-100	100	0.08	60 x 181	13	6	12
5642-200	200	0.10	74 x 214	13	6	12
5642-250	250	0.12	78 x 252	16	6	12
5642-500	500	0.20	100 x 287	19	6	12
5642-1L	1000	0.30	125 x 342	22	1	6
5642-2L	2000	0.50	158 x 357	27	1	4

For stopper only, see Cat. No. 7624.

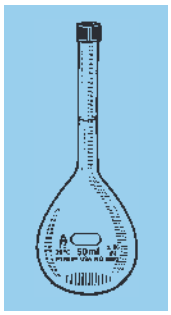


5644 PYREX Flask, Volumetric, Class A, PTFE Stopper

The strength of the Áasks have been signiÀcantly increased through machine-blown bodies, which are sealed to heavy-tubing necks. The graduation line is sharp and permanent; large white block letters make the inscription easy to read. Supplied with PTFE color-coded, keyhole stoppers.

Cat. No.	Capacity (mL)	Tol. (± mL)	Approx. O.D. x Height (mm)	ȳ Stopper No.	Qty/ Pk	Qty/ Cs
5644-10	10	0.02	28 x 99	9	–	12
5644-25	25	0.03	40 x 121	9	6	12
5644-50	50	0.05	51 x 151	9	6	12
5644-100	100	0.08	60 x 181	13	6	12
5644-200	200	0.10	74 x 214	13	6	12
5644-250	250	0.12	78 x 252	16	6	12
5644-500	500	0.20	100 x 287	19	6	12
5644-1L	1000	0.30	125 x 342	22	1	6
5644-2L	2000	0.50	158 x 357	27	1	4

For stoppers only, see Cat. No. 7630.



5650 PYREX Flask, Volumetric, Class A, Screw Cap

These volumetric Áasks conform to Class A capacity tolerances prescribed by ASTM. To facilitate transfer of crystals, salts, and powders, the open end has been expanded on the 25 mL and 50 mL sizes. The standard 18-410 G.P.I. thread screw caps have a durable cone-shaped polyethylene liner.

Cat. No.	Description	Capacity (mL)	Tol. (± mL)	Approx. O.D. x Height (mm)	G.P.I. Thread Finish	Qty/ Pk	Qty/ Cs
5650-25	Complete	25	0.03	40 x 100	18-410	6	12
5650-50	Complete	50	0.05	50 x 130	18-410	6	12
5650-100	Complete	100	0.08	60 x 160	18-410	6	12
5650-18CO	Cap only	–	–	–	18-410	12	12

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5655 PYREX® Flask, EZ Access™ Volumetric, Class A, Screw Cap, To Contain

These heavy walled volumetric flasks are designed for extra durability and ease of use. The wide funnel-like screw top plus the wide neck design allows for easy filling and mixing of various materials into solution. This wide neck also allows access to larger capacity pipets. For added convenience, one size of the GL 32 chemical resistant, high temperature screw cap fits all flasks. This threaded cap with PTFE liner provides for a secure closure for leak proof storage of solutions. An additional extra large volume size is permanently screened onto the flask body for easy volume identification. These flasks are calibrated "to contain" and designed to meet Class A, ASTM tolerances for volumetrics. They are Lot Traceable* with certificates of compliance available in print. Accessories include replacement GL 32 caps and GL 32HTSC caps for use with Septa.

*Lot traceable information includes the date that the flask was fabricated, decorated, calibrated, and packed.
Note: Other available caps are Cat. Nos. 1395-32HTC, 1395-32HTSC, 1395-32SS, and 1395-32TS.

Cat. No.	Description	Capacity (mL)	Tol. (± mL)	Approx. Thread Size	O.D. x Height (mm)	Qty/Cs
5655-50	Complete	50	0.05	GL 32	48 x 135	1
5655-100	Complete	100	0.08	GL 32	64 x 180	1
5655-200	Complete	200	0.10	GL 32	76 x 225	1
5655-250	Complete	250	0.12	GL 32	86 x 225	1
5655-500	Complete	500	0.20	GL 32	102 x 260	1
5655-1L	Complete	1000	0.30	GL 32	132 x 315	1



5660 PYREX Flask, Lifetime Red™, Volumetric, Class A, PYREX ® Stopper, To Contain

The capacity mark is a fine line etched through a narrow red band into clear glass, making a filler unnecessary and giving high legibility, accuracy, and permanence. With ® stopper. Calibrated "to contain."

Cat. No.	Description	Capacity (mL)	Tol. (± mL)	Approx. O.D. x Height (mm)	® Stopper No.	Qty/Pk	Qty/Cs
5660-25	Complete	25	0.03	40 x 122	9	6	12
5660-50	Complete	50	0.05	51 x 152	9	6	12
5660-100	Complete	100	0.08	60 x 182	13	6	12
5660-200	Complete	200	0.10	74 x 214	13	6	12
5660-250	Complete	250	0.12	78 x 253	16	6	12
5660-500	Complete	500	0.20	100 x 289	19	6	12
5660-1L	Complete	1000	0.30	125 x 344	22	1	6
5660-2L	Complete	2000	0.50	158 x 390	27	1	4

For stopper only, see Cat. No. 7650.



5680 PYREX Flask, Volumetric, Class A, Corning Certified and Serialized, PYREX ® Stopper

Calibrated to Class A tolerances in accordance with ASTM E-542 and E-288. Each flask is individually serialized and supplied with a Certificate of Identification and Capacity, traceable to NIST standards. The graduation line is sharp and permanent; large white block letters make the inscription easy to read. Supplied with a ® stopper.

Cat. No.	Description	Capacity (mL)	Tol. (± mL)	Approx. O.D. x Height (mm)	® Stopper No.	Qty/Cs
5680-10	Complete	10	0.02	28 x 99	9	1
5680-25	Complete	25	0.03	40 x 122	9	1
5680-50	Complete	50	0.05	51 x 152	9	1
5680-100	Complete	100	0.08	60 x 182	13	1
5680-200	Complete	200	0.10	74 x 214	13	1
5680-250	Complete	250	0.12	78 x 253	16	1
5680-500	Complete	500	0.20	100 x 288	19	1
5680-1L	Complete	1000	0.30	125 x 344	22	1
5680-2L	Complete	2000	0.50	158 x 390	27	1

For stopper only, see Cat. No. 7650.

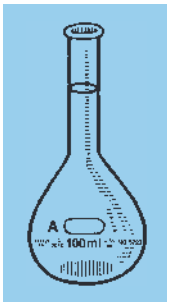
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55680 PYREX® Flask, Low Actinic, Volumetric, Class A, Certified/Serialized, PYREX ® Stopper

Calibrated to Class A tolerances in accordance with ASTM E-542 and E-288. Each flask is individually serialized and supplied with a Certificate of Identification and Capacity, traceable to NIST standards. The graduation line is sharp and permanent; large white block letters make the inscription easy to read. Supplied with a ® stopper. Low actinic stained glass provides protection for materials sensitive to light. The protective color is an integral part of the flask, which retains the mechanical strength, chemical stability, and the thermal resistance of PYREX brand labware.

Cat. No.	Description	Capacity (mL)	Tol. (± mL)	Approx. O.D. x Height (mm)	® Stopper No.	Qty/Cs
55680-10	Complete	10	0.02	28 x 99	9	1
55680-25	Complete	25	0.03	40 x 122	9	1
55680-50	Complete	50	0.05	51 x 152	9	1
55680-100	Complete	100	0.08	60 x 182	13	1
55680-200	Complete	200	0.10	74 x 214	13	1
55680-250	Complete	250	0.12	78 x 253	16	1
55680-500	Complete	500	0.20	100 x 288	19	1
55680-1L	Complete	1000	0.30	125 x 344	22	1
55680-2L	Complete	2000	0.50	158 x 390	27	1



5720 PYREX Flask, 100 mL Bates Sugar Analysis Volumetric, Class A, Short Neck, Tooled Rim

These 100 mL Class A volumetric flasks have short necks and slightly flared tops and are used for the preparation of sugar solutions for polarization tests. They conform to ASTM E-694. Reference: Sugar Division of the National Bureau of Standards.

Cat. No.	Capacity (mL)	Tol. (± mL)	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
5720-100	100	0.08	60 x 130	1	1



5820 PYREX Flask, Class A, Mixing Volumetric Flask

The upper bulb, located between the stopper and the capacity graduation is approximately one-tenth the flask rated capacity. The 2L size upper bulb is only one-twentieth capacity. The additional bulb assists in the mixing of liquids or powders when shaken.

Cat. No.	Capacity (mL)	Tol. (± mL)	Approx. O.D. x Height (mm)	® Stopper No.	Qty/Pk	Qty/Cs
5820-100	100	0.08	60 x 185	13	6	12
5820-250	250	0.12	78 x 256	16	–	1
5820-500	500	0.20	100 x 322	19	–	1
5820-1L	1000	0.30	125 x 323	22	1	6
5820-2L	2000	0.50	158 x 397	27	–	1

For stopper only, see Cat. No. 7650.



5840 PYREX Flask, Volumetric, Phosphoric Acid, Wide Neck

For use in determining phosphoric acid in mixed fertilizer. Made of heavy construction throughout and with a wide neck.

Cat. No.	Capacity (mL)	Tol. (± mL)	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
5840-200	200	0.18	74 x 152	6	12
5840-250	250	0.18	78 x 170	6	12

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5860 PYREX® Flask, Volumetric, Class A, Viscosimeter

Made of rugged mold blown construction, the flask is calibrated in accordance with ASTM specifications. U.S. Bureau of Mines Technical Paper 323B, No. 30.41; A.A.S.H.O. No. T 72; and Gas Chemists Handbook, third edition, page 538. Reference: ASTM D-88 and E-102.

Cat. No.	Capacity (mL)	Tol. (± mL)	Approx. O.D. x Height (mm)	Qty/Cs
5860-60	60	0.05	53 x 91	12

FUNNELS



36060 PYREX Funnel, Buchner, with Fritted Disc

These funnels are especially useful where filter paper would be attacked by the material being filtered. The disc should not be subjected to pressure differential in excess of 1 atmosphere. The top edge is beaded.

Cat. No.	Approx. Capacity (mL) and Porosity	O.D. of Disc (mm)	Approx. Height Above Disc (mm)	Approx. Stem Length x O.D. (mm)	Approx. Total Height (mm)	Qty/Pk	Qty/Cs
36060-2C	2C	10	30	31 x 7	70	1	9
36060-2F	2F	10	30	31 x 7	70	–	1
36060-15C	15C	20	47	75 x 8	136	–	6
36060-15F	15F	20	47	75 x 8	136	3	6
36060-15M	15M	20	47	75 x 8	136	–	6
36060-30C	30C	30	47	75 x 8	139	–	6
36060-30F	30F	30	47	75 x 8	139	–	6
36060-30M	30M	30	47	75 x 8	139	–	6
36060-60C	60C	40	58	75 x 10	160	–	6
36060-60F	60F	40	58	75 x 10	160	–	6
36060-60M	60M	40	58	75 x 10	160	–	6
36060-150C	150C	60	50	75 x 15	154	–	4
36060-150F	150F	60	50	75 x 15	154	–	4
36060-150M	150M	60	50	75 x 15	154	–	4
36060-350C	350C	80	75	75 x 20	180	–	3
36060-350F	350F	80	75	75 x 20	180	–	3
36060-350M	350M	80	75	75 x 20	180	–	3
36060-600C	600C	90	90	100 x 20	229	–	3
36060-600F	600F	90	90	100 x 20	229	–	1
36060-600M	600M	90	90	100 x 20	229	–	3
36060-2LC	2000C	127	165	110 x 25	330	–	2
36060-2LF	2000F	127	165	110 x 25	330	–	1
36060-2LM	2000M	127	165	110 x 25	330	–	2
36060-3LC	3000C	152	175	110 x 25	355	–	1
36060-3LF	3000F	152	175	110 x 25	355	–	1
36060-3LM	3000M	152	175	110 x 25	355	–	1



6100 PYREX Funnel, Plain 60° Angle, Long Stem, Large Size

Stems are approximately 15 mm O.D. by 150 mm (6") long.

Cat. No.	Approx. Top I.D. (mm)	Approx. Length (mm)	Qty/Pk	Qty/Cs
6100-5	122	250	6	12
6100-6	147	272	6	12

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6120 PYREX® Funnel, Plain, 60° Angle, Short Stem, Large Size

Stems are approximately 15 mm O.D. by 100 mm (4") long.

Cat. No.	Approx. Top I.D. (mm)	Approx. Length (mm)	Qty/ Pk	Qty/ Cs
6120-5	122	199	6	12
6120-6	147	228	6	12



6140 PYREX Funnel, Plain, 60° Angle, Long Stem

These funnels have a beaded edge for strength. They are fabricated from blanks formed to a 60° angle, which permits accurate Àtting of the Àlter paper, thus reducing Àltering time. The stems are made of heavy wall tubing approximately 150 mm (6") long.

Cat. No.	Approx. Top I.D. (mm)	Approx. Stem O.D. (mm)	Approx. Overall Length (mm)	Qty/ Cs
6140-50	50	8	193	12
6140-65	65	8	206	12
6140-75	75	8	214	12
6140-100	100	9	236	6



6160 PYREX Funnel, Fluted, 60° Angle, Long Stem

Have a strong beaded edge. These funnels are fabricated from blanks formed to a 60° angle. In addition, they have depressed inside Áutings which further decrease Àltering time.

Cat. No.	Approx. Top I.D. (mm)	Approx. Stem Length x O.D. (mm)	Approx. Overall Length (mm)	Qty/ Pk	Qty/ Cs
6160-65	65	150 x 8	206	6	12
6160-75	75	150 x 8	214	–	12



6180 PYREX Funnel, Fluted, 60° Angle, Short Stem

Supplied with short stems. Depressed inside Áutings further decreases Àltering time.

Cat. No.	Approx. Top I.D. (mm)	Approx. Stem Length x O.D. (mm)	Approx. Overall Length (mm)	Qty/ Pk	Qty/ Cs
6180-50	50	65 x 8	108	12	48
6180-65	65	65 x 8	121	12	48
6180-75	75	75 x 8	139	12	48
6180-100	100	100 x 9	190	6	24



36210 PYREX Funnel, Hirsch Type, Fritted Disc

This type is very useful in preparation work, or in making separations where it is necessary to wash the precipitate and redissolve with chemicals which would attack Àlter paper. The angle of the funnel body facilitates the removal of precipitates.

Cat. No.	Approx. Top I.D. (mm)	Porosity	Approx. O.D. of Disc (mm)	Approx. Stem O.D. x Length (mm)	Approx. Length (mm)	Qty/ Cs
36210-50C	50C	50C	20	8 x 75	118	1
36210-50M	50M	50M	20	8 x 75	118	1
36210-50F	50F	50F	20	8 x 75	118	1
36210-75C	75C	75C	30	8 x 70	139	1
36210-75M	75M	75M	30	8 x 70	139	1
36210-75F	75F	75F	30	8 x 70	139	1

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6220 PYREX® Funnel, Plain Filling, Powder

These funnels have a short stem. For use in transferring powders or filling bottles.

Cat. No.	Approx. I.D. (mm)	Approx. Stem Length x O.D. (mm)	Total Length (mm)	Qty/Pk	Qty/Cs
6220-65	65	15 x 15	83	12	24
6220-75	75	17 x 17	94	12	24
6220-100	100	20 x 20	120	6	24
6220-125	125	25 x 25	132	6	12
6220-150	150	30 x 30	157	6	12



6240 PYREX Funnel, Plain Stemless

Molded construction with bottom ground flat; for use in the sugar industries. All have 6 mm opening.

Cat. No.	Approx. I.D. (mm)	Approx. Length (mm)	Qty/Pk	Qty/Cs
6240-75	75	60	12	48
6240-100	100	82	–	1



6302 PYREX Funnel, Squibb, Separatory, PYREX Stopper, RotaFlo® Stopcock

Features the RotaFlo stopcock and the strong, PYREX hollow stopper. A poly stopper is also included for your convenience. Stem O.D. is approximately 10 mm.

Cat. No.	Size (mL)	Body O.D. (mm)	Total Length (mm)	¶ Stopper No.	RotaFlo Plug	Qty/Cs
6302-125	125	60	301	22	GP3	1
6302-250	250	77	338	22	GP3	1
6302-500	500	98	385	27	GP6	1
6302-1L	1000	119	415	27	GP6	1
6302-2L	2000	152	492	38	GP6	1

For glass stopper only, see Cat. No. 7650. For poly stopper only, see Cat. No. 7624.



6305 PYREX Funnel, Funnel, Separatory, Squibb, PTFE Valve and Threaded Top

Improved Squibb type separatory funnel provides an unbreakable, all PTFE, valve and drip tip and has a screw thread closure at the top. Supplied complete with PTFE valve assembly and screw cap with PTFE faced silicone liner.

Cat. No.	Description	Approx. Capacity (mL)	Cap Size	Valve Size (mm)	Qty/Cs
6305-60	Complete	60	GL32	2	1
6305-250	Complete	250	GL45	4	1
6305-500	Complete	500	GL45	4	1
6305-1L	Complete	1000	GL45	4	1
6305-2L	Complete	2000	GL45	6	1
6305-4L	Complete	4000	GL45	8	1
6305-60FO	Funnel Only	60	–	–	1
6305-500FO	Funnel Only	500	–	–	1
6305-2LFO	Funnel Only	2000	–	–	1
6305-6LFO	Funnel Only	6000	–	–	1
6305-6VO	Valve Bottom, PTFE, 6 mm	–	–	–	1
6305-8VO	Valve Bottom, PTFE, 8 mm	–	–	–	1

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6340 PYREX® Funnel, Separatory, Globe Shape, PYREX ⅋ Stopper, ⅋ Stopcock

These funnels are made from specially molded blanks which are tapered toward the stopcock to facilitate the separation of liquids. Their sturdy design makes them excellent for rack work.

Cat. No.	Approx. Capacity (mL)	⅋ Stopper No.	⅋ Stopcock Plug Size	Approx. O.D. x Length of Stem Below Stopcock (mm)	Approx. Total Length (mm)	Qty/Cs
6340-125	125	22	2	10 x 175	328	1
6340-250	250	22	2	10 x 175	357	1
6340-500	500	27	4	10 x 175	381	1
6340-1L	1000	27	4	10 x 170	414	1

For stopper only, see Cat. No. 7650.



6383 PYREX Funnel, Addition, Cylindrical, PYREX ⅋ Stopper, ⅋ PTFE Stopcock, Graduated from PTFE Stopcock

This funnel is graduated to show approximate capacity, has a micro-Ànish PTFE stopcock, and the strong, lightweight PYREX stopper.

Cat. No.	Approx. Capacity (mL)	Grad. Increment (mL)	⅋ Stopper No.	⅋ Stopcock Plug Size	Approx. O.D. x Length of Stem Below Stopcock (mm)	Approx. Total Length (mm)	Qty/Pk	Qty/Cs
6383-125	125	1	22	2	10 x 65	315	1	4
6383-250	250	2	22	2	10 x 65	340	1	4
6383-500	500	5	27	4	10 x 65	390	1	4
6383-1L	1000	10	27	4	10 x 65	493	1	2

For stopper only, see Cat. No. 7650.



6383A PYREX Funnel, Addition, Cylindrical, ⅋ Joints, Graduated from ⅋ PTFE Stopcock

This funnel is graduated to show the approximate capacity.

Cat. No.	Description	Approx. Capacity (mL)	Grad. Increment (mL)	⅋ Stopcock Plug Size	⅋ Joint Size	Approx. Length (mm)	Qty/Cs
6383A-100*	Addition Funnel	100	5	4	24/40	294	1

*This funnel is also a replacement part for organic chemistry kits (Cat. Nos. 6949 through 6949K).



6400 PYREX Squibb, Separatory, Pear-shaped, PYREX ⅋ Stopper, ⅋ Stopcock

Cat. No.	Approx. Capacity (mL)	⅋ Stopper No.	⅋ Stopcock Plug Size	Body O.D. (mm)	Approx. O.D. x Length of Stem Below Stopcock	Approx. Total Length (mm)	Qty/Pk	Qty/Cs
6400-30	30	9	2	40	10 x 65	216	–	1
6400-60	60	16	2	53	10 x 65	231	1	6
6400-125	125	22	2	63	10 x 65	279	1	6
6400-250	250	22	2	76	10 x 65	311	1	4
6400-500	500	27	4	98	10 x 65	354	1	4
6400-1L	1000	27	4	119	10 x 65	392	–	1
6400-2L	2000	38	6	160	12 x 65	496	–	1
6400-4L	4000	38	8	210	14 x 65	629	–	1
6400-6L	6000	38	10	235	16 x 65	630	–	1

For stopper only, see Cat. No. 7650.
For stopcock only, see Cat. No. 7280.

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6402 PYREX® Funnel, Squibb, Separatory, Pear-shaped, PYREX ⅘ Stopper, ⅖ PTFE Stopcock

The PTFE stopcock Àts into the micro-Ànish barrel. The PTFE stopcock also reduces freezing problems and eliminates grease contamination.

Cat. No.	Description	Approx. Capacity (mL)	⅘ Stopper No.	⅖ Stopcock Plug Size	Approx. O.D. x Length of Stem Below Stopcock (mm)	Approx. Total Length (mm)	Qty/ Pk	Qty/ Cs
6402-60	Complete	60	16	2	10 x 65	225	1	4
6402-125	Complete	125	22	2	10 x 65	280	1	4
6402-250	Complete	250	22	4	10 x 65	311	1	4
6402-500	Complete	500	27	4	10 x 65	355	1	4
6402-1L	Complete	1000	27	4	10 x 65	392	–	1
6402-2L	Complete	2000	38	6	12 x 65	496	–	1
6402-4L	Complete	4000	38	8	14 x 90	620	–	1
6402-6L	Complete	6000	38	10	16 x 90	655	–	1

For stopper only, see Cat. No. 7650.



66402 PYREXPLUS® Funnel, Squibb, Separatory, Pear-shaped, Protective Coating, PYREX ⅘ Stopper, ⅖ PTFE Stopcock

Features a PVC coating for longer product life and safety. Protective coating helps prevent glass from shattering and reduces spills. Autoclavable (121°C) and resistant to thermal shock. It features a PTFE stopcock which reduces freezing problems and grease contamination.

Cat. No.	Description	Approx. Capacity (mL)	⅘ Stopper No.	⅖ Stopcock Plug Size	Approx O.D. x Length of Stem Below Stopcock (mm)	Approx. Total Length (mm)	Qty/ Pk	Qty/ Cs
66402-125	Complete	125	22	2	10 x 65	280	1	4
66402-250	Complete	250	22	4	10 x 65	311	1	4
66402-500	Complete	500	27	4	10 x 65	355	1	4
66402-1L	Complete	1000	27	4	10 x 65	392	–	1
66402-2L	Complete	2000	38	6	12 x 65	496	–	1

For stopper only, see Cat. No. 7650.
Warning: Do not place over direct heat or Áame. Do not heat above 121°C moist heat or 110°C dry heat.



6404 PYREX Funnel, Squibb, Separatory, Pear-shaped, Polyethylene Stopper, ⅖ PTFE Stopcock

The stopper is made with a closed bottom and is of linear high density polyethylene to conform to ⅘ stopper dimensions.

Cat. No.	Description	Approx. Capacity (mL)	⅘ Stopper No.	⅖ Stopcock Plug Size	Approx O.D. x Length of Stem Below Stopcock (mm)	Approx. Total Length (mm)	Qty/ Pk	Qty/ Cs
6404-60	Complete	60	16	2	10 x 65	244	1	4
6404-125	Complete	125	22	2	10 x 65	289	1	4
6404-250	Complete	250	22	4	10 x 65	311	1	4
6404-500	Complete	500	27	4	10 x 65	354	1	4
6404-1L	Complete	1000	27	4	10 x 65	392	–	1
6404-2L	Complete	2000	38	6	12 x 65	486	–	1

For stopper only, see Cat. No. 7624.

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6406 PYREX® Funnel, Squibb, Separatory, Economy, with Replaceable PTFE Stopcock, Tip, and High Density Polyethylene Stopper

An economical separatory funnel designed to reduce replacement costs by providing replaceable components. These sturdy, durable funnels are designed for long life and maximum safety. The replaceable PTFE stopcock assembly features a simple screw thread locking nut and collar which ensure that the stopcock cannot fall out in use. The tip is also replaceable. Its ground end provides a better grip and helps prevent the tip from falling out. The funnel comes complete with a standard taper, high density polyethylene stopper. 7 mm O.D. stem.

Cat. No.	Description	Approx. Capacity (mL)	ⅎ Stopper No.	⅏ Stopcock Plug Size	Approx. Total Length (mm) (Exclusive of Stopper)	Qty/ Pk	Qty/ Cs
6406-60	Complete	60	16	2	244	1	4
6406-125	Complete	125	22	2	289	1	4
6406-250	Complete	250	22	4	311	1	4
6406-500	Complete	500	27	4	319	1	4
6406-1L	Complete	1000	27	4	395	–	1
6406-2L	Complete	2000	38	4	482	–	1
6406-2LFO	Funnel Only	2000	38	–	–	–	1
6406-60FO	Funnel Only	60	–	–	–	1	4
6406-125FO	Funnel Only	125	–	–	–	1	4
6406-250FO	Funnel Only	250	–	–	–	1	4
6406-500FO	Funnel Only	500	–	–	–	1	4
6406-1LFO	Funnel Only	1000	–	–	–	–	1
2116-LSO	Locking Stopcock Only	–	–	–	–	–	1
6406-GTO	Tip Only	–	–	–	–	12	36







6410 PYREX Funnel, Squibb, Separatory, Pear-shaped, PYREX ⅎ Stopper, ⅏ Stopcock, ⅎ Joint

Separatory funnel drip-tip and ⅎ ground joint. Convenient as an addition funnel.

Cat. No.	Approx. Capacity (mL)	ⅎ Stopper No.	⅏ Stopcock Plug Size	ⅎ Joint Size	Approx. Length (mm)	Qty/ Cs
6410-125	125	22	2	24/40	289	1
6410-250	250	22	2	24/40	311	1
6410-500	500	27	4	24/40	315	1

For stopper only, see Cat. No. 7650.
For ⅏ stopcock plug only, see Cat. No. 7680.
For retaining clip only, see Cat. No. 7280.

6412A PYREX Funnel, Squibb, Separatory, ⅏ PTFE Stopcock, ⅎ Stopper

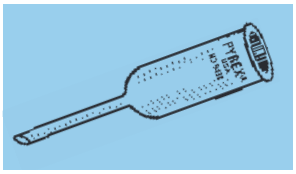
Cat. No.	Description	Approx. Capacity (mL)	⅏ Stopcock Plug Size	ⅎ Joint Size Inner/ Outer	Approx. Height (mm)	Qty/ Cs
6412A-125*	Complete	125	2	14/20	237	1

*This funnel is also a replacement for organic chemistry kits (Cat. Nos. 6949 through 6949K).

6413 PYREX Funnel, Squibb, Separatory, ⅏ PTFE Stopcock

Cat. No.	Description	Approx. Capacity (mL)	⅏ Stopcock Plug Size	ⅎ Joint Size Inner/ Outer	Approx. Height (mm)	Qty/ Pk	Qty/ Cs
6413-125	Complete	125	2	19/22	246	1	4
6413-125FO	Funnel Only	125	–	19/22	238	1	4

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9480 PYREX® Funnel, Filter Tube Funnel

The constricted lower end is approximately 8 mm O.D. by 75 mm long on all sizes. For use with PYREX brand crucibles with fritted discs listed under Cat. Nos. 32940 and 32960. Also for use with Gooch crucibles or directly with porcelain plates.

Cat. No.	Approx. I.D. x Length (mm)	Qty/Cs
9480-24	24 x 150	1
9480-27	27 x 150	1
9480-32	32 x 160	1
9480-36	36 x 160	1
9480-42	42 x 160	1

JOINTS



6710 PYREX Joint, Full Length, Sealed Tube, Inner Part Only, ¤ Interchangeable

Cat. No.	¤ Joint Size	Approx. Stem O.D. x Length (mm)	Approx. Stem O.D. x Length (mm)	Qty/Pk	Qty/Cs
6710-19	19/38	17 x 150	10 x 115	–	1
6710-24	24/40	22 x 170	12 x 115	1	12

JARS



6885 PYREX Jar, Bell, with Knob

These bell jars are made from specially selected mold-blown blanks. The bottom flange has a finely ground finish to assure tight sealing with ground glass plates. Rated 1-Atmosphere Vacuum. Do not use with heat or pressure applications.

Cat. No.	Approx. O.D. x Height (mm)	Approx. I.D. (mm)	Qty/Pk	Qty/Cs
6885-140	140 x 265	130	1	2
6885-165	165 x 315	156	1	2
6885-222	222 x 425	213	–	2



6886 PYREX Jar, Bell

These specially blown, sturdy, round bottom jars have a fine ground finish at the open end. The jar is supplied without a rim flange. The flat, ground, bearing surface has a contact area equal to the wall thickness at the open end of the jar. Do not use with heat, pressure, or vacuum applications.

Cat. No.	Approx. O.D. x Length (mm)	Min. I.D. (mm)	Approx. Capacity (Liters)	Approx. O.D. x Length (Inches)	Qty/Cs
6886-12L	318 x 305	292	12.3	12 1/2 x 12	1
6886-22L	318 x 457	292	22.7	12 1/2 x 18	1
6886-49L	457 x 457	429	49.2	18 x 18	1

Not intended for vacuum applications.



6902 PYREX Jar, Cloud and Pour Point, Graduated

Single line encircles the jar at a point approximately 51 mm above the bottom to assist in measuring the sample. Reference: ASTM D-97, D-1500, D-2500.

Cat. No.	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
6902	35 x 121	12	36

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6941 PYREX® Jar, Animal

Recommended for use as animal jars or for other purposes where resistance to hot air and steam sterilization is of importance. These jars are blown with walls approximately 4.5 mm (3/16") thick. The open ends are finished with a fire-polished bead to increase mechanical strength. Jars listed under Cat. No. 6942 can also be used as animal jars. Do not use with heat, pressure, or vacuum applications.

Cat. No.	Approx. O.D. x Height (mm)	Approx. O.D. x Height (Inches)	Approx. Capacity (Liters)	Qty/Cs
6941-3L	152 x 203	6 x 8	2.8	1
6941-5L	210 x 203	8 1/4 x 8	4.7	6

Not intended for vacuum applications.



6942 PYREX Jar, Cylindrical, Plain

These jars are mold-blown with substantial walls for mechanical strength. The open end of the jars is ground flat. These jars can also be used as animal jars. Do not use with heat, pressure, or vacuum applications.

Cat. No.	Approx. O.D. x Height (mm)	Approx. O.D. x Height (Inches)	Approx. Capacity (Liters)	Qty/Pk	Qty/Cs
6942-7L	222 x 254	8 3/4 x 10	7.5	1	4
6942-9L	257 x 254	10	9.5	–	1
6942-17L	305 x 305	12 x 12	17.0	–	1
6942-27L	305 x 457	12 x 18	26.5	–	1
6942-32L	406 x 305	16 x 12	32.0	–	1



6943 PYREX Jar, Cylindrical, Handles

These jars are made with recessed finger grips for convenience in handling. They are identical in size and shape to corresponding jars sizes of Cat. No. 6942. Open ends are finely ground. Do not use with heat, pressure, or vacuum applications.

Cat. No.	Approx. O.D. x Height (mm)	Approx. O.D. x Height (Inches)	Approx. Capacity (Liters)	Qty/Cs
6943-17L	305 x 305	12 x 12	17.0	1
6943-27L	305 x 457	12 x 18	26.5	1
6943-36L	305 x 610	12 x 24	36.0	1



6944 PYREX Jar, Rectangular, Chromatography

Ground to the close tolerances needed for tight cover fit. Jar edges are ground flat within 0.25 mm. Covers are not supplied. Do not use with heat, pressure, or vacuum applications.

Cat. No.	Approx. L x W x H (mm)	Approx. L x W x H (Inches)	Approx. Capacity (Liters)	Qty/Cs
6944-4L	137 x 162 x 267	5 3/8 x 6 3/8 x 10 1/2	3.8	6
6944-11L	181 x 238 x 324	9 3/8 x 7 3/8 x 12 3/4	11.4	1

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6945 PYREX® Jar, Cylindrical, Chromatography

A general-purpose jar with tops ground to close tolerances to insure a tight cover À t. The 152 mm jar edge is Áat within 0.1 mm; all others are Áat within 0.25 mm. Covers are not supplied. Do not use with heat, pressure, or vacuum applications.

Cat. No.	Approx. O.D. x Height (mm)	Approx. O.D. x Height (Inches)	Approx. Capacity (Liters)	Qty/Cs
6945-6L	152 x 457	6 x 18	6.6	1
6945-13L	222 x 457	8 3/4 x 18	13.2	4
6945-36L	305 x 610	12 x 24	36.0	1

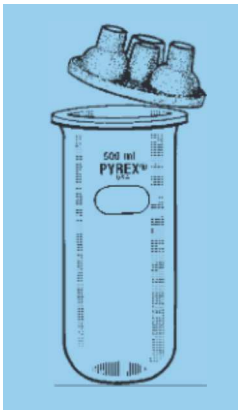
KETTLES



6946A PYREX Reaction Kettle, Cover, Four-neck, O-ring Seal

Cover has sturdy wall and a tooled Áat Áange at bottom which has a groove in the face to take an O-ring for a greaseless tight seal. Center neck and three side necks are 120° apart. All four necks have full length $ outer joints. Fluorocarbon O-ring must be ordered separately.

Cat. No.	Center Neck $ Joint Size	Side Neck $ Joint Size	O.D. of Flange (Inches)	Qty/Cs
6946A-2929	29/42	29/42	5-3/8	1
6946A-2929L	29/42	29/42	6-5/8	1



6947 PYREX Reaction Kettle, Resin

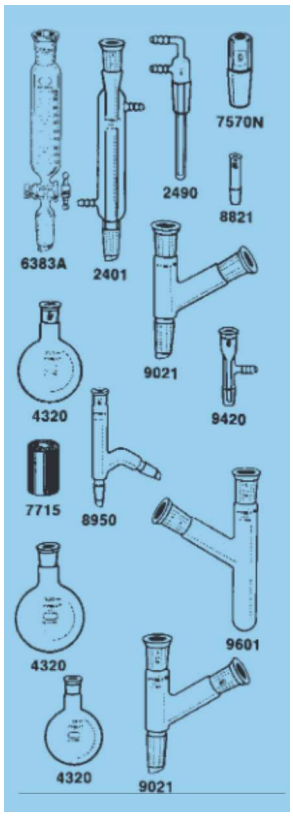
The 500 and 1000 mL kettles have interchangeable covers with four openings to accommodate 24/40 $ joints. Kettles of 2000, 3000, and 4000 mL capacity have interchangeable covers and have openings to accommodate three $ 24/40 joints and one $ 34/45 joint. Interchangeable $ joints allow quick assembly with condensers, stirrers, and funnels. Flanges of covers and bottoms are Ànely ground for a tight seal. For use with heating mantle only.

Cat. No.	Description	Approx. Capacity (mL)	Approx. O.D. x Height (mm)	Qty/Pk	Qty/Cs
6947-500	Complete	500	133 x 207	–	1
6947-1L	Complete	1000	133 x 220	–	1
6947-2L	Complete	2000	140 x 239	–	1
6947-3L	Complete	3000	140 x 315	–	1
6947-4L	Complete	4000	140 x 395	–	1
6947-500BO	Bottom only	500	95 x 152	1	4
6947-1LBO	Bottom only	1000	108 x 165	–	4
6947-2LBO	Bottom only	2000	140 x 184	1	4
6947-3LBO	Bottom only	3000	140 x 260	1	4
6947-4LBO	Bottom only	4000	140 x 340	–	4
6947-2LCO*	Cover only	–	168 x 55	–	2
6947-500CO**	Cover only	–	137 x 55	1	2

*Fits 2L, 3L, and 4L
**Fits 500 mL and 1000 mL

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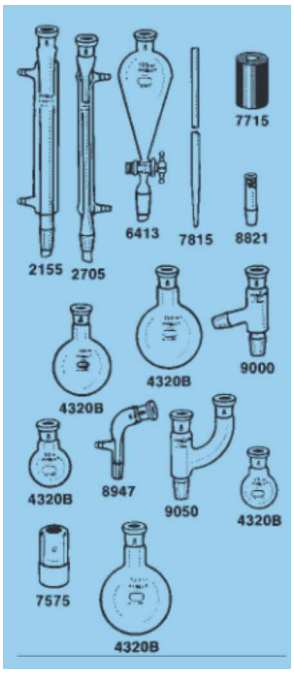
CHEMISTRY KITS



6949 PYREX® Chemistry Kit, ₹ 24/40 Components

This basic kit is supplied complete with drawer-size polyethylene case in which components are mounted in foam. The kit's versatility enables many standard laboratory operations to be performed, such as: distillation, reaction with gas evolution, preparation or recovery, simple reÁux, reÁux with addition, fractional distillation, and vacuum distillation.The case is approximately 130 mm x 256 mm x 343 mm. For more detail on individual components of the kit and available parts, refer to the speciÀc catalog numbers.

Cat. No.	Description	Qty/Pk	Qty/Cs
6949	Complete Kit	–	1
2401-24	Condenser Column, Liebig	–	1
2490-24	Condenser, Cold Finger	–	1
4320-100	Round Bottom Boiling Flask, 100 mL	2	12
4320-250	Round Bottom Boiling Flask, 250 mL	2	12
4320-500	Round Bottom Boiling Flask, 500 mL	2	12
6383A-100	Funnel, Graduated, 100 mL, Cylindrical, PTFE Stopcock	–	1
6949N-IO	Foam Insert Only	–	1
6949N-BO	Polyethylene Box Only	–	1
7570N-24	PYREX Stopper	–	6
7715	Thermometer Holder, Rubber	–	1
8821-24	Tube, Adapter Outlet	–	1
8950-24	Tube, Adapter, Distilling	–	1
9021-24	Tube, Adapter, Connecting (2 per kit)	–	1
9420-24	Tube, Adapter, Vacuum Distilling	1	6
9601-24	Tube, Reaction Vessel	–	1



6949E PYREX Chemistry Kit, ₹ 19/22 Components

Similar to Cat. No. 6949, as many of the same standard laboratory experiments can be performed with this kit. It includes a distillation column and bleed tube for steam distillation or gas Áow reactions. The components of the kit are held in foam within a polyethylene case. The overall case size is approximately 130 mm x 256 mm x 343 mm. For more detail on individual components of the kit and available parts, refer to the speciÀc catalog numbers.

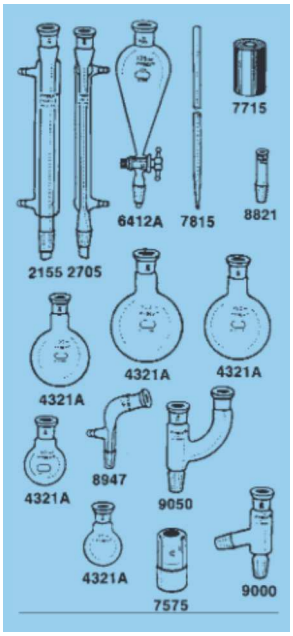
Cat. No.	Description	Qty/Pk	Qty/Cs
6949E	Complete Kit	–	1
2155-19	Distilling Column, 190 mm	–	1
2705-19	Condenser, West, 190 mm	2	4
4320B-25	Round Bottom Boiling Flask, 25 mL	–	1
4320B-50	Round Bottom Boiling Flask, 50 mL	–	1
4320B-100	Round Bottom Boiling Flask, 100 mL	2	12
4320B-250	Round Bottom Boiling Flask, 250 mL	–	1
4320B-500	Round Bottom Boiling Flask, 500 mL	–	1
6413-125	Funnel, Separatory, Addition, Pear-shaped, 125 mL, PTFE Stopcock	1	4
6949E-BO	Polyethylene Kit Box Only	–	1
6949E-IO	Foam Insert Only	–	1
7575-19	PYREX Stopper	–	6
7715	Thermometer Holder, Rubber	–	1
7815-19	Tube, Bleed	–	1
8821-19	Tube, Adapter, Straight, with Thermometer Opening	–	1
8947-19	Tube, Connecting, Vacuum	1	6
9000-19	Tube, Connecting, 3-way	–	1
9050-19	Tube, Connecting, Claisen	–	1

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6949G-2 PYREX Chemistry Kit, ₹ 19/22 Components, Two PYREX® Stoppers

Provides equipment for most common organic laboratory experiments described under Cat. No. 6949A. Note in particular the inclusion of a 250 mL Áask with side tubulation, which is useful when performing steam distillations or experiments requiring an air bleed. This kit contains a three neck boiling Áask to enable distillation while stirring and adding other compounds. The components of the kit are held in foam within a polyethylene case. The overall size of the case is approximately 130 mm x 256 mm x 343 mm. For more detail on individual components of the kit and available parts, refer to the speciÀc catalog numbers.

Cat. No.	Description	Qty/Pk	Qty/Cs
6949G-2	Complete Kit	–	1
7715	Thermometer Holder, Rubber	–	1
2155-19	Distilling Column, 190 mm	–	1
2705-19	Condenser, West, 190 mm	2	4
4320B-25	Round Bottom Boiling Flask, 25 mL	–	1
4320B-50	Round Bottom Boiling Flask, 50 mL	–	1
4320B-100	Round Bottom Boiling Flask, 100 mL	2	12
4965B-500	Round Bottom, 3-Neck Boiling Flask, 500 mL	–	1
6413-125	Funnel, Separatory, Addition, Pear-shaped, 125 mL, PTFE Stopcock	1	4
6949E-BO	Polyethylene Kit Box Only	–	1
6949E-IO	Foam Insert Only	–	1
7575-19	PYREX Stopper	–	6
7815-19	Tube, Bleed	–	1
8821-19	Tube, Adapter, Straight, with Thermometer Opening	–	1
8947-19	Tube, Connecting, Vacuum	1	6
9000-19	Tube, Connecting, 3-way	–	1
9050-19	Tube, Connecting, Claisen	–	1

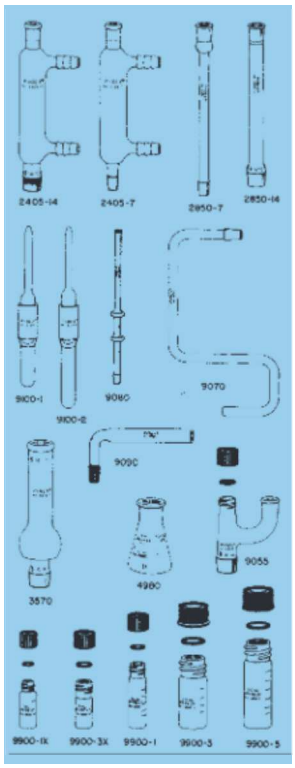


6949K PYREX Chemistry Kit, ₹ 14/20 Components

Similar to Cat. No. 6949E, except the component parts have a ₹ 14/20 joint. The components are held in foam within a polyethylene case. The case is approximately 130 mm x 256 mm x 343 mm. For more detail on individual components of the kit and available parts, refer to the speciÀc product catalog numbers.

Cat. No.	Description	Qty/Pk	Qty/Cs
6949K	Complete Kit	–	1
2155-14	Distilling Column, 190 mm	–	1
2705-14	Condenser, West, 190 mm	–	1
4321A-25	Round Bottom Boiling Flask, 25 mL	–	1
4321A-50	Round Bottom Boiling Flask, 50 mL	–	1
4321A-100	Round Bottom Boiling Flask, 100 mL	1	12
4321A-250	Round Bottom Boiling Flask, 250 mL	–	1
4321A-500	Round Bottom Boiling Flask, 500 mL	–	1
6412A-125	Funnel, Separatory, Addition, Pear-shaped, 125 mL, PTFE Stopcock	–	1
6949E-BO	Polyethylene Kit Box Only	–	1
6949E-IO	Foam Insert Only	–	1
7575-14	PYREX Stopper	–	6
7715	Thermometer Holder, Rubber	–	1
7815-19	Tube, Bleed	–	1
8821-14	Tube, Adapter, Straight, withThermometer Opening	–	1
8947-14	Tube, Connecting, Vacuum	–	1
9000-14	Tube, Connecting, 3-way	–	1
9050-14	Tube, Connecting, Claisen	–	1

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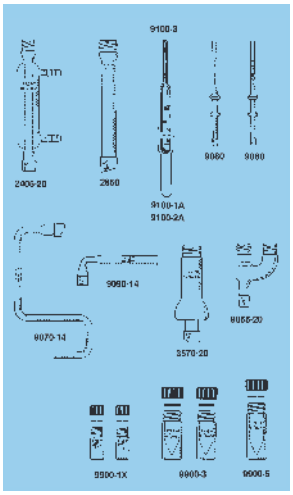


6949M-1 PYREX® Chemistry Kit, Deluxe Version, Micro-organic, 7/10 and 14/10 Components

The deluxe micro-organic kit is supplied with all the necessary components needed to perform experiments covered in the Mayo, Pike, Butcher text, Microscale Organic Laboratory. Components come in 7/10 and 14/10 joint sizes. A selection of conical reaction vials from 0.1 mL to 5.0 mL capacity is included. All components are mounted in foam within a polyethylene case for easy storage.

Cat. No.	Description	Qty/Pk	Qty/Cs
6949M-1	Kit Deluxe	–	1
2405-7	Jacketed Condenser, 7/10M-7/10F	1	2
2405-14	Jacketed Condenser, 14/10M-7/10F	1	2
2850-7	Air ReÁux Condenser, 7/10M-7/10F	2	6
2850-14	Air ReÁux Condenser, 14/10M-7/10F	2	6
3570-14	Hickman Still Head, 14/10M-14/20F	1	2
4980-10	Flask, 10 mL	–	12
9055-14	Claisen Head, 14/10M-7/10F	1	6
9070-7	Capillary Gas Delivery Tube, 7/10M	1	4
9080	Gas Chromatograph Collection Tube, 5/5M	1	6
9090-7	Drying Tube, 7/10M	1	6
9100-1	Craig Recrystallization Tube, 1 mL	2	6
9100-2	Craig Recrystallization Tube, 2 mL	2	6
9900-1X	Conical Reaction Vial, 0.1 mL, 5/5F	6	12
9900-1	Conical Reaction Vial, 1.0 mL, 7/10F	6	12
9900-3X	Conical Reaction Vial, 0.3 mL, 7/10F	6	12
9900-3	Conical Reaction Vial, 3.0 mL, 14/10F	6	12
9900-5	Conical Reaction Vial, 5.0 mL, 14/10F	6	12

*Published by John F. Wiley.



6949M-4 PYREX Chemistry Kit, Deluxe Version, Micro-organic, 14/10 Components

Threaded Components. The deluxe micro-organic kit is supplied with all the necessary components needed to perform experiments covered in the Mayo, Pike, Butcher text, Microscale Organic Laboratory.* Components come in 14/10 threaded joint sizes. A selection of conical reaction vials from 0.1 mL to 5.0 mL capacity is included. The Craig Recrystallization tube has a PTFE plug which eliminates breakage normally associated with glass plugs. All components are mounted in foam within a polyethylene case for easy storage.

Cat. No.	Description	Qty/Pk	Qty/Cs
6949M-4	Kit Deluxe Threaded	–	1
2405-20	Jacketed Condenser, 14/10 Threaded	1	2
2850-20	Air ReÁux Condenser, 14/10 Threaded	2	6
3570-20	Hickman Still Head, 14/10 Threaded	1	2
9055-20	Claisen Head, 14/10 Threaded	2	6
9070-14	Capillary Gas Delivery Tube, 14/10	2	4
9080	Gas Chromatograph Collection Tube, 5/5M	1	6
9090-14	Drying Tube, 14/10	2	6
9100-1A	Craig Receiver Only, 1 mL	2	6
9100-2A	Craig Receiver Only, 2 mL	2	6
9100-3	PTFE Plug Only for Craig Tube	1	6
9900-1X	Conical Reaction Vial, 0.1 mL, 5/5F	6	12
9900-3	Conical Reaction Vial, 3.0 mL, 14/10F	6	12
9900-5	Conical Reaction Vial, 5.0 mL, 14/10F	6	12

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