

ROLLER BOTTLES



Roller Bottles

Fabricated from 110mm O.D. tubing selected for clarity, uniform surface, and freedom from glass imperfections, these roller bottles provide higher cell yields. Neck area is tapered for cell removal and ease of cleaning. Complete with 38mm autoclavable, rubber lined screw cap.

CATALOG NO.	DESCRIPTION	CAPACITY	OVERALL LENGTH	STOPPER NUMBER	QUANTITY / PACK	PRICE
LG-3301-100	Bottle	1500mL	285mm		1	\$117.77
LG-3301-102	Bottle	2000mL	370mm		1	\$141.30
LG-3301-104	Bottle	3000mL	480mm		1	\$157.03
LG-3301-106	Bottle	3500mL	550mm		1	\$164.86
LG-3301-108	Replacement Cap			1	1	\$2.24

PROCULTURE SPINNER FLASKS W/ ANGLED SIDEARMS



ProCulture Magnetically Driven Spinner Flask with Angled Sidearms, Complete Assembly

Designed to save time and increase cell production, ProCulture Spinner Flasks have internal baffles for enhanced agitation and a magnetically driven vortex impeller that provides gentle top-to-bottom stirring. Impeller eliminates dead spots and extends above the media surface to increase aeration. Sidearm openings large enough for 50 mL pipettes. Flask base has central bump to prevent material from accumulating at the bottom center. Entire assembly made of FDA approved materials. Cap made from PBT, red rubber, Ultem®. Impeller made from PTFE, silicone, polysulfone, borosilicate glass. Flask is Type 1, Class A borosilicate glass construction. All components are autoclavable.

CATALOG NO.	CAPACITY	CENTER NECK SIZE	SIDEARM THREAD	QUANTITY / PACK	PRICE
BP-3400-100	125mL	70mm	GL32	1	\$447.12
BP-3400-102	250mL	70mm	GL32	1	\$466.53
BP-3400-104	500mL	100mm	GL45	1	\$489.78
BP-3400-106	1L	100mm	GL45	1	\$709.83
BP-3400-108	3L	100mm	GL45	1	\$787.95
BP-3400-110	6L	100mm	GL45	1	\$945.95
BP-3400-112	8L	100mm	GL45	1	\$1095.20
BP-3400-114	15L	100mm	GL45	1	\$1414.04
BP-3400-116	36L	100mm	GL45	1	\$2065.73



ProCulture Wide Mouth Magnetically Driven Spinner Flask with Angled Sidearms, Complete Assembly

The wide-mouth center neck opening on these spinner flasks provides easy component access for removal, cleaning, sterilization and assembly. Impeller eliminates dead spots and extends above the media surface to increase aeration. Flasks have internal baffles for enhanced agitation. Sidearm openings large enough for 50 mL pipettes. Flask base has central bump to prevent material from accumulating at the bottom center. Entire assembly made of FDA approved materials. Cap made from PBT, red rubber, Ultem. Impeller made from PTFE, silicone, polysulfone, borosilicate glass. Flask is Type 1, Class A borosilicate glass construction. All components are autoclavable.

CATALOG NO.	CAPACITY	CENTER NECK SIZE	SIDEARM THREAD	QUANTITY / PACK	PRICE
BP-3500-108	3L	120mm	GL45	1	\$830.54
BP-3500-110	6L	120mm	GL45	1	\$1000.89
BP-3500-112	8L	120mm	GL45	1	\$1128.67
BP-3500-114	15L	120mm	GL45	1	\$1413.86
BP-3500-116	36L	120mm	GL45	1	\$2108.33



ProCulture Shur-Loc Magnetically Driven Spinner Flask with Angled Sidearms, Complete Assembly

For cultures that require a controlled environment, Shur-Loc center neck caps have a unique compression O-ring design that provides a positive visible seal. Impeller eliminates dead spots and extends above the media surface to increase aeration. Flasks have internal baffles for enhanced agitation. Sidearm openings large enough for 50 mL pipettes. Flask base has central bump to prevent material from accumulating at the bottom center. Entire assembly made of FDA approved materials. Cap made from PBT, red rubber, Ultem. Impeller made from PTFE, silicone, polysulfone, borosilicate glass. Flask is Type 1, Class A borosilicate glass construction. All components are autoclavable.

CATALOG NO.	CAPACITY	CENTER NECK SIZE	SIDEARM THREAD	QUANTITY / PACK	PRICE
BP-3600-108	3L	140mm	GL45	1	\$1064.78
BP-3600-110	6L	140mm	GL45	1	\$1128.67
BP-3600-112	8L	140mm	GL45	1	\$1299.04
BP-3600-114	15L	140mm	GL45	1	\$1639.81
BP-3600-116	36L	140mm	GL45	1	\$2257.37



ProCulture Spinner Flasks with 100mm Center Neck and 45mm Angled Sidearms

These spinner flasks are made of borosilicate glass and are equipped with a 100mm center neck and two 45mm angled sidearm neck diameters. Side openings are used as air vents, inoculation ports, to insert probes, etc.

CATALOG NO.	CAPACITY	QUANTITY / PACK	PRICE
BP-3405-104	500mL	1	\$300.81
BP-3405-106	1L	1	\$371.44
BP-3405-108	3L	1	\$584.24
BP-3405-110	6L	1	\$623.49
BP-3405-112	8L	1	\$706.13
BP-3405-114	15L	1	\$1014.63
BP-3405-116	36L	1	\$1639.22



ProCulture Spinner Flasks with 120mm Center Neck and 45mm Angled Sidearms

These spinner flasks are made of borosilicate glass and are equipped with a 120mm center neck and two 45mm angled sidearm neck diameters. Side openings are used as air vents, inoculation ports, to insert probes, etc.

CATALOG NO.	CAPACITY	QUANTITY / PACK	PRICE
BP-3505-108	3L	1	\$614.80
BP-3505-110	6L	1	\$649.67
BP-3505-112	8L	1	\$747.38
BP-3505-114	15L	1	\$1023.36
BP-3505-116	36L	1	\$1651.35



ProCulture Spinner Flasks with 140mm Center Neck and 45mm Sidearms

These spinner flasks are made of borosilicate glass and are equipped with a 140mm O.D. center neck and 45mm O.D. side neck openings. Side necks are either vertical or angled and are used as air vents, inoculation ports, for insertion of probes, etc.

CATALOG NO.	CAPACITY	NUMBER OF SIDEARMS	QUANTITY / PACK	PRICE
BP-3605-108	3L	1	1	\$601.09
BP-3605-110	6L	1	1	\$716.27
BP-3605-112	8L	1	1	\$731.05
BP-3605-114	15L	1	1	\$1089.11
BP-3605-116	36L	1	1	\$1726.39
BP-3700-314	15L	4	1	\$1404.13
BP-3700-316	36L	6	1	\$2116.99



ProCulture Spinner Flasks with 70mm Center Neck and 32mm Angled Sidearms

These spinner flasks are made of borosilicate glass and are equipped with a 70mm center neck and two 32mm angled sidearm neck diameters. Side openings are used as air vents, inoculation ports, to insert probes, etc.

CATALOG NO.	CAPACITY	QUANTITY / PACK	PRICE
BP-3405-100	125mL	1	\$166.59
BP-3405-102	250mL	1	\$219.03



ProCulture Sidearm Fittings for 500mL Angled Sidearm Flasks

This ProCulture sidearm fitting is for insertion into 500mL angled sidearm spinner flasks and is equipped with two, angled stainless steel tubes - one with 1/4" and the other with 1/8" O.D.

CATALOG NO.	DESCRIPTION	TUBING O.D.	QUANTITY / PACK	PRICE
BP-3830-096	Dual-Angled Combination	1/8" and 1/4" Angled	1	\$289.54



ProCulture Sidearm Fittings for 1L Angled Sidearm Flasks

These ProCulture sidearm fittings are for insertion into 1-liter angled sidearm spinner flasks. Stainless steel tubing is dual or triple and angled or straight with 1/4" or 1/8" diameters.

CATALOG NO.	DESCRIPTION	TUBING O.D.	QUANTITY / PACK	PRICE
BP-3820-098	Dual Angled Combination	1/8" Straight and 1/4" Angled	1	\$293.18
BP-3823-098	Dual	1/8" Straight and 1/8" Angled	1	\$261.67
BP-3824-098	Dual-Angled	1/8" Angled	1	\$261.67
BP-3827-098	Dual	1-Long Angled and 1-Straight 1/4"	1	\$261.67
BP-3828-098	Dual-Angled	1/4" Angled	1	\$261.67
BP-3833-098	Triple	2-Long Angled and 1-Straight 1/8"	1	\$283.28



ProCulture Sidearm Fittings for 3L Angled Sidearm Flasks

These ProCulture sidearm fittings are for insertion into 3-liter angled sidearm spinner flasks. Stainless steel tubing is dual or triple and angled or straight with 1/4" or 1/8" diameters.

CATALOG NO.	DESCRIPTION	TUBING O.D.	QUANTITY / PACK	PRICE
BP-3823-100	Dual	1-Long Angled and 1-Straight 1/8"	1	\$265.14
BP-3824-100	Dual-Angled	1/8" Angled	1	\$265.14
BP-3827-100	Dual	1/4" Long Angled and Straight	1	\$265.14
BP-3828-100	Dual-Angled	1/4" Angled	1	\$265.14
BP-3833-100	Triple	2-Long Angled and 1-Straight 1/8"	1	\$532.15



ProCulture Sidearm Fittings for 6L Angled Sidearm Flasks

These ProCulture sidearm fittings are for insertion into 6-liter angled sidearm spinner flasks. Stainless steel tubing is dual or triple and angled or straight with 1/4" or 1/8" diameters.

CATALOG NO.	DESCRIPTION	TUBING O.D.	QUANTITY / PACK	PRICE
BP-3823-102	Dual	1/8" Long Angled and Straight	1	\$272.08
BP-3824-102	Dual-Angled	1/8" Angled	1	\$272.08
BP-3827-102	Dual	1/4" Long Angled and Straight	1	\$272.08
BP-3828-102	Dual-Angled	1/4" Angled	1	\$272.08
BP-3833-102	Triple	2-Long Angled and 1-Straight 1/8"	1	\$291.94



ProCulture Sidearm Fittings for 8L & 15L Angled Sidearm Flasks

These ProCulture sidearm fittings are for insertion into 8 and 15 liter angled sidearm spinner flasks. Stainless steel tubing is dual or triple and angled or straight with 1/4" or 1/8" diameters.

CATALOG NO.	DESCRIPTION	FOR FLASK CAPACITY	TUBING O.D.	QUANTITY / PACK	PRICE
BP-3820-104	Dual-Angled Combination	8L	1/8" and 1/4" Angled	1	\$293.16
BP-3823-104	Dual	8L	1/8" Long Angled and Straight	1	\$279.84
BP-3824-104	Dual-Angled	8L	1/8" Angled	1	\$279.84
BP-3827-104	Dual	8L	1/4" Long Angled and Straight	1	\$279.84
BP-3827-106	Dual	15L	1/4" Long Angled and Straight	1	\$316.62
BP-3828-104	Dual-Angled	8L	1/4" Angled	1	\$279.84
BP-3828-106	Dual-Angled	15L	1/4" Angled	1	\$316.62
BP-3833-104	Triple	8L	2-1/8" Long Angled and Straight	1	\$298.49



Center Neck Cap Assemblies for Magnetic Drive Impellers

For use with magnetically driven impellers, these center neck cap assemblies come in various diameters and will fit a 1/4" or 5/16" shaft size.

NOTE: Model BP-3602-100 is a compression fitting type closure due to its size - not a screw cap like the smaller versions.

CATALOG NO.	DIAMETER	SHAFT SIZE	QUANTITY / PACK	PRICE
BP-3402-100	70mm	1/4"	1	\$89.47
BP-3403-100	100mm	1/4"	1	\$105.89
BP-3404-100	100mm	5/16"	1	\$122.06
BP-3502-099	120mm	5/16"	1	\$137.31
BP-3602-100	140mm	5/16"	1	\$358.48



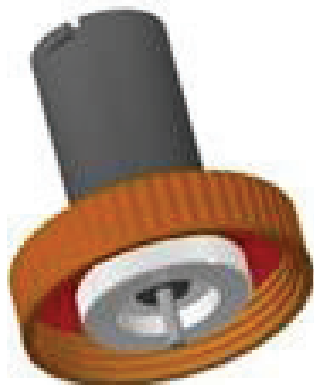
Magnetic Drive Impeller Assemblies

These impeller assemblies are magnetically driven, come with either a glass or polysulfone shaft, and are available in models to accommodate various spinner flask sizes. Use with corresponding cap assemblies.

CATALOG NO.	FOR FLASK CAPACITY	QUANTITY / PACK	PRICE
Polysulfone Shaft			
BP-3401-100	125mL	1	\$86.94
BP-3401-102	250mL	1	\$99.22
BP-3401-104	500mL	1	\$103.06
BP-3401-106	1L	1	\$131.62
Glass Shaft			
BP-3401-108	3L	1	\$184.71
BP-3401-110	6L	1	\$191.47
BP-3401-112	8L	1	\$205.51
BP-3401-114	15L	1	\$226.61
BP-3401-116	36L	1	\$241.22

Cap Assemblies for Hi-Torque Direct Drive Motors

For use with hi-torque overhead drive motors (BP-3900-9100, 9102), these center cap assemblies attach to direct drive stainless steel shaft impeller assemblies (BP-3701).



CATALOG NO.	DIAMETER	QUANTITY / PACK	PRICE
BP-3900-9104	100mm	1	\$1394.60
BP-3900-9106	120mm	1	\$1534.94



Direct Drive Impeller Assemblies with Coupler, Stainless Steel Shaft

These direct drive paddle-like impeller assemblies have a stainless steel shaft and coupler for easy attachment to cap assemblies (BP-3900). Available in sizes to fit various spinner flasks.

CATALOG NO.	FOR FLASK CAPACITY	QUANTITY / PACK	PRICE
BP-3701-112	8L	1	\$218.77
BP-3701-114	15L	1	\$221.24
BP-3701-116	36L	1	\$252.18



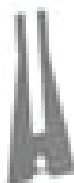
Hi-Torque Direct Drive Motor with Coupling, Drive Yoke

These hi-torque overhead direct drive motors come with connecting coupling and drive yoke for seamless attachment to spinner flask cap assemblies (BP-3900) and for versatile applications. Available in 110 or 230V.

CATALOG NO.	FREQUENCY	WATTAGE	QUANTITY / PACK	PRICE
BP-3900-9100	60Hz	110V	1	\$1592.33
BP-3900-9102	50Hz	230V	1	\$1861.94

PTFE Replacement Parts for Magnetic Drive Impeller Assemblies

Replacement parts for magnetic impellers include: PTFE bearing holders and paddle-type blade assemblies.



CATALOG NO.	DESCRIPTION	FOR FLASK CAPACITY	QUANTITY / PACK	PRICE
BP-3411-010	Bearing Holder	125mL	1	\$27.69
BP-3411-011	Bearing Holder	250mL	1	\$27.53
BP-3411-012	Bearing Holder	500mL	1	\$36.73
BP-3411-013	Bearing Holder	1L	1	\$39.29
BP-3411-014	Bearing Holder	3L	1	\$70.21
BP-3411-015	Bearing Holder	6L	1	\$92.19
BP-3411-016	Bearing Holder	8L	1	\$111.76
BP-3411-017	Bearing Holder	15L	1	\$130.28
BP-3411-018	Bearing Holder	36L	1	\$163.23
BP-3411-020	Paddle Blade	125mL	1	\$29.92
BP-3411-021	Paddle Blade	250mL	1	\$29.50
BP-3411-022	Paddle Blade	500mL	1	\$31.20
BP-3411-023	Paddle Blade	1L	1	\$49.37
BP-3411-024	Paddle Blade	3L	1	\$52.96
BP-3411-025	Paddle Blade	6L	1	\$54.16
BP-3411-026	Paddle Blade	8L	1	\$61.62
BP-3411-027	Paddle Blade	15L	1	\$71.56
BP-3411-028	Paddle Blade	36L	1	\$90.38

Replacement Parts for Glass Spinner Flask Assemblies

Replacement parts for center neck and sidearm fittings of glass spinner flask assemblies include: Ultem and Noryl nuts, compression sealing gaskets, screw caps, storage and plate caps, cap liners, Delrin plugs, Viton O-rings, washers, ring seals, etc.



CATALOG NO.	FOR FLASK CAPACITY	FOR CAP SIZE	SIZE	COLOR	DIAMETER	QUANTITY / PACK	PRICE
Screw Cap (ICF)							
BP-3412-011				Orange	70mm	1	\$54.52
BP-3413-011				Orange	100mm	1	\$77.42
BP-3516-011				Orange	120mm	1	
Cap Liner							
BP-3412-015				Red	70mm	1	\$19.05
BP-3413-015				Red	100mm	1	\$24.31
BP-3513-015				Red	120mm	1	\$26.96
Autoclavable Storage Cap w/Silicone Liner							
BP-3412-017				Orange	70mm	1	\$31.21
BP-3413-018				Orange	100mm	1	\$34.49
BP-3513-018				Orange	120mm	1	
Ultem Retaining Nut							
BP-3413-9039	125mL-1L		1/4"			1	\$25.77
BP-3413-9040	For 3-36L		5/16"			1	\$25.77
Lower Plate Cap							
BP-3612-010			140mm			1	\$193.46
Upper Plate Cap							
BP-3612-020			140mm			1	\$123.23
Ring Seal							
BP-3612-030		140mm				1	\$52.34
Ring Washer							
BP-3612-050		140mm				1	\$7.05
Viton O-Ring							
BP-3612-060		140mm				1	\$4.48
Compression Sealing Gasket							
BP-3612-070		140mm				1	\$17.07
Noryl Nut w/Integrated Ferrule							
BP-3802-004			1/8"			1	\$17.31
BP-3803-004			1/4"			1	\$17.31
Noryl Compression Nut							
BP-3812-004			12mm			1	\$21.30
Delrin Plug							
BP-3847-008			1/8"			1	\$25.58
BP-3852-008			1/4"			1	\$27.28
BP-3857-008			1/2" and 12mm			1	\$30.30

Replacement Suspending Shafts for Magnetic Impellers

These replacement shafts for magnetic impellers come in stainless steel, glass, and polysulfone (with thrust washers) and are for use in glass spinner flasks.



CATALOG NO.	FOR FLASK CAPACITY	QUANTITY / PACK	PRICE
Polysulfone w/Washers			
BP-3411-170	125-250mL	1	\$12.81
BP-3411-172	500mL	1	\$16.99
BP-3411-173	1L	1	\$18.11
Glass			
BP-3411-174	3L	1	\$18.15
BP-3411-175	6L	1	\$28.48
BP-3411-176	8-36L	1	\$37.81
BP-3411-177	15L	1	\$40.94
Stainless Steel			
BP-3611-083	1L	1	\$63.40
BP-3611-084	3L	1	\$79.94
BP-3611-085	6L	1	\$83.42
BP-3611-086	8L	1	\$97.48
BP-3611-087	15L	1	\$114.49
BP-3611-088	36L	1	\$130.74

Replacement Parts for Magnetic Driven Impellers

These replacement parts for magnetic driven impellers include PTFE encapsulated magnets, paddle retaining sleeves, impeller sealing silicone plugs, and shaft retaining thrust washers.



CATALOG NO.	FOR FLASK CAPACITY	DIAMETER	QUANTITY / PACK	PRICE
Shaft Retaining Thrust Washer				
BP-3411-030	125mL-1L	1/4"	1	\$2.86
BP-3411-031	3-36L	5/16"	1	\$4.91
Paddle Retaining Sleeve for Magnetic Drive Impellers				
BP-3411-050	125-500mL		1	\$15.62
BP-3411-053	1000mL		1	\$17.78
BP-3411-055	3-8L		1	\$24.72
BP-3411-057	15-36L		1	\$35.24
PTFE Encapsulated Magnet				
BP-3411-060	125mL		1	\$16.63
BP-3411-061	1L		1	\$17.93
BP-3411-062	3-15L		1	\$44.97
BP-3411-063	36L		1	\$79.09
BP-3411-068	250-500mL		1	\$8.89
Impeller Sealing Silicone Plug				
BP-3411-090	125mL-1L		1	\$4.56
BP-3411-095	3-36L		1	\$6.60

PROCULTURE SPINNER FLASKS W/ VERTICLE SIDEARMS



ProCulture Spinner Flasks with 100mm O.D. Center Neck and 45mm O.D. Vertical Sidearms

These spinner flasks are made of borosilicate glass and are part of the ProCulture spinner flask assembly series. They feature a 100mm O.D. center neck and 45mm O.D., vertical sidearms that are used as air vents, inoculation ports, for insertion of probes, etc. Available in 4 or 6 sidearm models.

CATALOG NO.	CAPACITY	NUMBER OF SIDEARMS	QUANTITY / PACK	PRICE
BP-3700-112	8L	4	1	\$1080.09
BP-3700-114	15L	4	1	\$1317.71
BP-3700-116	36L	6	1	\$2145.54



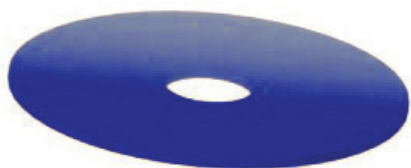
ProCulture Spinner Flasks with 120mm O.D. Center Neck and 45mm O.D. Vertical Sidearms

These spinner flasks are made of borosilicate glass and are part of the ProCulture spinner flask assembly series. They feature a 120mm O.D. center neck and 45mm O.D., vertical sidearms that are used as air vents, inoculation ports, for insertion of probes, etc. Available in 4 or 6 sidearm models.

CATALOG NO.	CAPACITY	NUMBER OF SIDEARMS	QUANTITY / PACK	PRICE
BP-3700-214	15L	4	1	\$1360.91
BP-3700-215	15L	6	1	\$1606.44
BP-3700-216	36L	6	1	\$2191.68

Replacement Parts for ProCulture Sidearm Fittings and Other Miscellaneous Parts

These miscellaneous replacement parts are used for ProCulture sidearm fitting applications and other glass spinner flask needs.



CATALOG NO.	FOR FLASK CAPACITY	SIZE	DIMENSIONS	DIAMETER	QUANTITY / PACK	PRICE
PET Insert w/Single 1/8" Inlet						
BP-3802-001				45mm	1	\$43.23
Viton O-Ring Sealing Insert						
BP-3802-002		#026			1	\$2.62
Orange Sidearm Securing Cap						
BP-3802-003				45mm	1	\$14.00
Sparging Stone						
BP-3802-006		1/8" Tubing or 1/4"-28 Thread Size			1	\$65.07
Stainless Steel Straight Tube						
BP-3802-007	8L and 15L		1/8" O.D. x 18" Length		1	\$58.04
BP-3803-007	8-15L		1/4" inch O.D. x 18" Length		1	\$102.13
BP-3822-007	36L		1/8" O.D. x 21" Length		1	\$74.60
BP-3827-007	36L		1/4" O.D. x 21" Length		1	\$91.75
PET Insert with Single 1/4 inch Inlet						
BP-3803-001				45mm	1	\$43.53
PET Insert for 50mm Filter						
BP-3807-001				45mm	1	\$70.34
PTFE 2µm Filter						
BP-3807-004				50mm	1	\$27.71
PET Insert for 12mm Insertion Probes						
BP-3812-001				45mm	1	\$70.34
Viton O-Ring for 12mm Compression Fitting						
BP-3812-005		#112			1	\$1.98
PET Insert with Dual 1/8 inch Inlet						
BP-3822-001				45mm	1	\$70.34
PET Insert with Dual 1/4 inch Inlet						
BP-3827-001				45mm	1	\$70.34
PET Insert with Combination 1/4 inch and 1/8 inch Inlet						
BP-3832-001				45mm	1	\$80.75
PET Insert with Triple 1/8 inch Inlet						
BP-3832-002				45mm	1	\$82.94

PROCULTURE FLASKS

ProCulture Delong Shaker Flask



Ideal for growing and mixing of cell cultures, these Delong style shaker flasks have long necks to reduce splashing that could reach the closure. Baffles, spaced at 120°, allow for increased oxygen transfer to the culture medium when used in conjunction with a shaker. Designed for polypropylene and stainless steel closures. Polypropylene caps have ribbed interior for improved sealing. Autoclavable. Environmentally sustainable when compared to plastic. Type 1, Class A Borosilicate glass construction.

CATALOG NO.	CAPACITY	O.D.	NECK O.D.	HEIGHT	QUANTITY / PACK	PRICE
BP-3160-302	50mL	50mm	18mm	105mm	1	\$16.10
BP-3160-304	125mL	66mm	25mm	122mm	1	\$13.62
BP-3160-306	250mL	81mm	38mm	138mm	1	\$14.63
BP-3160-310	500mL	101mm	38mm	181mm	1	\$19.64
BP-3160-312	1000mL	129mm	38mm	285mm	1	\$30.01
BP-3160-314	2000mL	160mm	38mm	285mm	1	\$52.40

ProCulture Delong Shaker Flask with Baffles



Ideal for growing and mixing of cell cultures, these Delong style shaker flasks have long necks to reduce splashing that could reach the closure. Baffles, spaced at 120°, allow for increased oxygen transfer to the culture medium when used in conjunction with a shaker. Designed for polypropylene and stainless steel closures. Polypropylene caps have ribbed interior for improved sealing. Autoclavable. Environmentally sustainable when compared to plastic. Type 1, Class A Borosilicate glass construction.

CATALOG NO.	CAPACITY	O.D.	NECK O.D.	HEIGHT	QUANTITY / PACK	PRICE
BP-3300-102	125mL	66mm	25mm	122mm	1	\$20.78
BP-3300-104	250mL	81mm	38mm	138mm	1	\$23.67
BP-3300-106	500mL	101mm	38mm	181mm	1	\$26.46
BP-3300-108	1000mL	129mm	38mm	285mm	1	\$43.00
BP-3300-110	2000mL	160mm	38mm	285mm	1	\$68.37
BP-3300-112	4000mL	206mm	38mm	305mm	1	\$152.24

ProCulture Delong Shaker Flask with Deep Baffles



Ideal for growing and mixing of cell cultures, these Delong style shaker flasks have long necks to reduce splashing that could reach the closure. Baffles, spaced at 120°, allow for increased oxygen transfer to the culture medium when used in conjunction with a shaker. Designed for polypropylene and stainless steel closures. Polypropylene caps have ribbed interior for improved sealing. Autoclavable. Environmentally sustainable when compared to plastic. Type 1, Class A Borosilicate glass construction.

CATALOG NO.	CAPACITY	O.D.	NECK O.D.	HEIGHT	QUANTITY / PACK	PRICE
BP-3350-102	125mL	66mm	25mm	122mm	1	\$21.59
BP-3350-104	250mL	81mm	38mm	138mm	1	\$22.06
BP-3350-108	500mL	101mm	38mm	181mm	1	\$23.96
BP-3350-110	1000mL	129mm	38mm	285mm	1	\$34.99
BP-3350-112	2000mL	160mm	38mm	285mm	1	\$56.95
BP-3350-116	4000mL	206mm	38mm	305mm	1	\$220.55

ProCulture Fernbach Shaker Flask



Commonly used in serum production and ideal for use in organism cultures that require a large surface area to volume ratio, these flasks are available with a beaded rim, GL45 screw thread, or Delong style neck for accommodating various style stoppers and plugs.

Delong style neck reduces splashing to the cap, when on shaker. Beaded rim style provides increased durability to the flask. Baffles, spaced at 120°, allow for increased oxygen transfer to the culture medium when used in conjunction with a shaker. Autoclavable. Environmentally sustainable when compared to plastic. Type 1, Class A Borosilicate glass construction.

CATALOG NO.	DESCRIPTION	CAPACITY	O.D.	HEIGHT	NECK O.D.	STOPPER SIZE	BAFFLE STYLE	QTY / PK	PRICE
BP-3200-098	Beaded Rim Neck	2800mL	200mm	230mm		#13	No Baffles	1	\$74.57
BP-3200-100	Beaded Rim Neck	2800mL	200mm	230mm		#13	Side Baffles	1	\$122.21
BP-3225-100	GL45 Threaded Neck	2800mL	200mm	230mm		GL45	Side Baffles	1	\$152.85
BP-3250-100	Delong Neck	2800mL	200mm	260mm	38mm		Bottom Center Baffles	1	\$125.33

ProCulture Beaded Rim Shaker Flask with Baffles



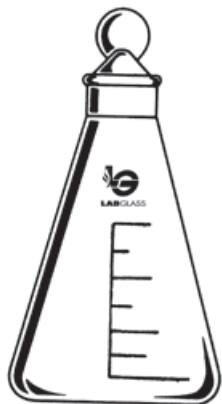
Uniformed wall thickness and a beaded neck rim ensure a more robust flask with greater resistance to chipping.

Ideal for growing and mixing of cell cultures. Baffles, spaced at 120°, allow for increased oxygen transfer to the culture medium when used in conjunction with a shaker. Durable white ceramic enamel marking spot. Autoclavable. Type 1, Class A Borosilicate glass construction. Environmentally sustainable when compared to plastic.

CATALOG NO.	CAPACITY	O.D.	NECK O.D.	HEIGHT	STOPPER SIZE	QUANTITY / PACK	PRICE
BP-3360-102	125mL	66mm	25mm	122mm	#5	1	\$29.05
BP-3360-104	250mL	81mm	38mm	138mm	#6	1	\$32.37
BP-3360-106	500mL	101mm	38mm	181mm	#7	1	\$34.38
BP-3360-108	1000mL	129mm	38mm	285mm	#8.5	1	\$49.53

PROCULTURE FLASKS

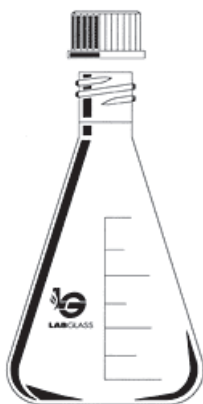
Erlenmeyer Flasks with Glass Stopper



-100 to 114 include a pennyhead stopper (LG-10320)
 -120 to 134 have pennyhead stopper (LG-10320) sold separately

CATALOG NO.	DESCRIPTION	CAPACITY	STOPPER JOINT	QUANTITY / PACK	PRICE
LG-7790-102	Complete	25mL	ST 16	1	\$28.19
LG-7790-104	Complete	50mL	ST 19	1	\$28.69
LG-7790-106	Complete	125mL	ST 22	1	\$34.68
LG-7790-108	Complete	250mL	ST 27	1	\$41.23
LG-7790-112	Complete	500mL	ST 32	1	\$50.65
LG-7790-114	Complete	1000mL	ST 32	1	\$62.58
LG-7790-122	Flask Only	25mL	ST 16	1	\$19.17
LG-7790-124	Flask Only	50mL	ST 19	1	\$20.54
LG-7790-126	Flask Only	125mL	ST 22	1	\$22.57
LG-7790-128	Flask Only	250mL	ST 27	1	\$28.22
LG-7790-132	Flask Only	500mL	ST 32	1	\$28.70
LG-7790-134	Flask Only	1000mL	ST 32	1	\$40.56

Screw Cap Erlenmeyer Flasks



Erlenmeyer flask with screw thread finish. Supplied complete with rubber lined phenolic cap.

CATALOG NO.	CAPACITY	THREAD SIZE	CAP TYPE	QUANTITY / PACK	PRICE
LG-7792-104	50mL	24-410	Rubber lined Phenolic	1	\$26.39
LG-7792-106	125mL	24-410	Rubber lined Phenolic	1	\$26.59
LG-7792-108	250mL	38-430	Rubber lined Phenolic	1	\$28.59
LG-7792-110	500mL	38-430	Rubber lined Phenolic	1	\$33.88
LG-7792-112	1000mL	38-430	Rubber lined Phenolic	1	\$39.82
LG-7792-114	2000mL	38-430	Rubber lined Phenolic	1	\$52.99
LG-7792-116	3000mL	38-430	Rubber lined Phenolic	1	\$85.47
LG-7792-118	4000mL	38-430	Rubber lined Phenolic	1	\$124.31
LG-7792-120	6000mL	38-430	Rubber lined Phenolic	1	\$171.26



Erlenmeyer Flasks with Socket Joint

Semi-ball joint socket

CATALOG NO.	CAPACITY	JOINT	QUANTITY / PACK	PRICE
LG-7780-116	250mL	SJ 35/25	1	\$53.21
LG-7780-118	300mL	SJ 35/25	1	\$48.37
LG-7780-120	500mL	SJ 35/25	1	\$54.07
LG-7780-122	1000mL	SJ 35/25	1	\$61.41
LG-7780-124	2000mL	SJ 35/25	1	\$74.61



Erlenmeyer Flasks

Erlenmeyer flasks with a standard taper outer joint.

CATALOG NO.	CAPACITY	JOINT	QUANTITY / PACK	PRICE
LG-7750-120	50mL	ST 24/40	1	\$29.48
LG-7750-126	250mL	ST 24/40	1	\$30.14
LG-7750-130	500mL	ST 24/40	1	\$32.90
LG-7750-132	1000mL	ST 24/40	1	\$39.42
LG-7750-134	2000mL	ST 24/40	1	\$53.87
LG-7750-135	250mL	ST 29/26	1	\$31.56
LG-7750-140	50mL	ST 29/42	1	\$30.21
LG-7750-142	125mL	ST 29/42	1	\$33.81
LG-7750-146	250mL	ST 29/42	1	\$33.94
LG-7750-148	300mL	ST 29/42	1	\$33.71
LG-7750-150	500mL	ST 29/42	1	\$35.50
LG-7750-152	1000mL	ST 29/42	1	\$42.57
LG-7750-154	2000mL	ST 29/42	1	\$57.08
LG-7750-162	2000mL	ST 34/45	1	\$60.01
LG-7750-170	1000mL	ST 45/50	1	\$67.81
LG-7750-172	2000mL	ST 45/50	1	\$76.62
ML-1230-700	5mL	ST 14/20	1	\$27.49
ML-1230-702	10mL	ST 14/20	1	\$27.49
ML-1230-704	15mL	ST 14/20	1	\$29.62
ML-1230-706	25mL	ST 14/20	1	\$27.49
ML-1230-708	50mL	ST 14/20	1	\$27.49
ML-1230-754	15mL	ST 19/22	1	\$30.27
ML-1230-756	25mL	ST 19/22	1	\$29.70
ML-1230-758	50mL	ST 19/22	1	\$29.15
ML-1230-760	100mL	ST 19/22	1	\$37.66



Heavy Wall Erlenmeyer Flasks

Erlenmeyer flask with 3/8" side hose connection and Standard Taper outer joint.

CATALOG NO.	CAPACITY	JOINT	QUANTITY / PACK	PRICE
LG-7820-100	250mL	ST 24/40	1	\$64.18
LG-7820-102	500mL	ST 24/40	1	\$69.10
LG-7820-104	1000mL	ST 24/40	1	\$81.88
LG-7820-110	500mL	ST 29/42	1	\$65.87
LG-7820-112	1000mL	ST 29/42	1	\$87.99
LG-7820-114	2000mL	ST 29/42	1	\$114.23
LG-7800-100	125mL	ST 24/40	1	\$85.43
LG-7800-102	250mL	ST 24/40	1	\$95.45
LG-7800-104	500mL	ST 24/40	1	\$109.76
LG-7800-106	1000mL	ST 24/40	1	\$142.38
LG-7800-110	500mL	ST 29/42	1	\$107.46
LG-7800-112	1000mL	ST 29/42	1	\$148.70
LG-7800-114	2000mL	ST 29/42	1	\$192.93

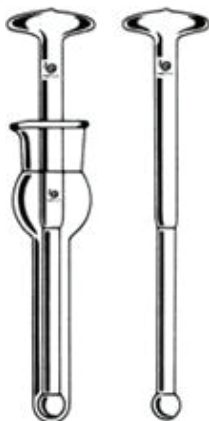
TISSUE GRINDERS / HOMOGENIZERS



Conical Glass Tissue Grinders

These Duall™ tissue grinders are made of borosilicate glass and have a universal design that can handle both initial grinding and final homogenization in the same sequence of operations. The lower conical section is intended primarily for the initial grinding and the upper cylindrical section is for final homogenization. Clearance between mortar and pestle can be adjusted at will by raising or lowering the pestle. Parts are interchangeable and are finished for a clearance of 0.004" to 0.006".

CATALOG NO.	SHAFT DIAMETER	CAPACITY	QUANTITY / PACK	PRICE
LG-10640-100	6mm	1mL	1	\$92.70
LG-10640-102	6mm	3mL	1	\$104.31
LG-10640-104	8mm	5mL	1	\$118.39
LG-10640-106	10mm	15mL	1	\$137.23
LG-10640-108	10mm	30mL	1	\$170.30
LG-10640-110	16mm	50mL	1	\$220.02



Dounce Tissue Grinders

Dounce tissue grinders are made from smooth surfaced borosilicate glass to eliminate glass particles in the reduced sample. They are useful in enzyme studies and recommended where heat build-up should be avoided. Complete unit is supplied with two pestles: Large Clearance - for initial reduction of soft tissue or cellular sample (0.0035" to 0.0055") Small Clearance - completes homogenization with retention of a high percentage of nuclei and mitochondria (0.0035" to 0.0055")

CATALOG NO.	CAPACITY	QUANTITY / PACK	PRICE
LG-10645-090	2mL	1	\$152.54
LG-10645-100	7mL	1	\$177.68
LG-10645-200	15mL	1	\$190.90
LG-10645-300	40mL	1	\$204.59



Potter-Elvehjem Glass Tissue Grinder with Glass Pestle

This Potter-Elvehjem tissue grinder is used in preparing small samples for pathological and biochemical studies. Homogenization occurs as the sample and buffer are forced through the cylindrical mortar and the pestle is rotated downward. Mortar and pestle are fabricated from borosilicate glass with finely ground contact surfaces.

If used with a motor-driven device, use flexible tubing as a friction clutch to the stirrer motor to prevent damage to the apparatus. Tissue grinder standard clearance is 0.004" to 0.006" (other clearances can be obtained via special order).

CATALOG NO.	SHAFT DIAMETER	CAPACITY	QUANTITY / PACK	PRICE
LG-10650-100	6mm	5mL	1	\$111.54



Potter Elvehjem Tissue Grinders with PTFE Pestle

These Potter-Elvehjem tissue grinders have a PTFE pestle attached to a stainless steel shaft with precision formed, unground mortar. They are used in preparing small samples for pathological and biochemical studies. Homogenization occurs as the sample and buffer are forced through the cylindrical mortar and the pestle is rotated downward. Tissue grinder standard clearance is 0.004" to 0.006". Other clearances can be obtained via special order.

CATALOG NO.	SHAFT DIAMETER	CAPACITY	QUANTITY / PACK	PRICE
LG-10651-010	3/16"	0.5mL	1	\$146.46
LG-10651-100	3/16"	1mL	1	\$135.69
LG-10651-102	3/16"	3mL	1	\$126.38
LG-10651-106	1/4"	8mL	1	\$159.53
LG-10651-108	1/4"	17mL	1	\$182.20
LG-10651-110	1/4"	45mL	1	\$178.86



Tenbroeck Glass Tissue Grinders

All borosilicate glass construction is primarily for manual operation, but can be slow-speed motor driven by inserting a rubber stopper and metal rod (not supplied) into the hollow pestle. Hollow pestle also allows for use of a coolant to reduce heat generated in the grinding process. Mortar has an expanded reservoir and pouring lip. Standard tissue grinders have a clearance of 0.004" to 0.006".

CATALOG NO.	CAPACITY	FOR USE WITH METAL ROD SIZE	STOPPER NUMBER	QUANTITY / PACK	PRICE
LG-10660-100	2mL	1/8"	00	1	\$140.22
LG-10660-102	7mL	1/8"	00	1	\$153.80
LG-10660-104	15mL	1/4"	1	1	\$153.10

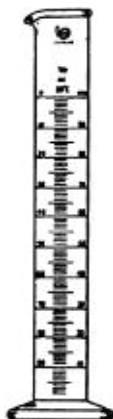
Craig Tubes

Used for the recovery of product in microscale crystallizations, this borosilicate glass 2mL outer tube has a non-uniform grind that purposely allows leakage (capacity is the volume below the ground area). The PTFE plug/plunger fits outer tube. Tube and plunger sold separately.



CATALOG NO.	DESCRIPTION	CAPACITY	QUANTITY / PACK	PRICE
ML-4090-622	Outer Tube	2mL	1	\$13.78
ML-4090-632	Plug/Plunger		1	\$14.69

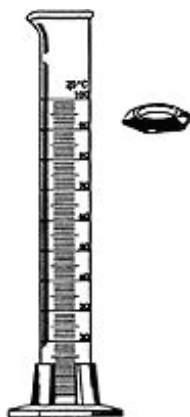
MEASURING CYLINDERS



Graduated Cylinders, Double Metric Scale TD

These borosilicate glass graduated cylinders are calibrated “to deliver” (TD). They feature a double metric scale, numbered up and down.

CATALOG NO.	CAPACITY	SUBDIVISIONS	QUANTITY / PACK	PRICE
LG-5512-100	10mL	0.2mL	1	\$28.62
LG-5512-102	25mL	0.5mL	1	\$36.76
LG-5512-104	50mL	1mL	1	\$39.85
LG-5512-106	100mL	1mL	1	\$43.92
LG-5512-108	250mL	2mL	1	\$61.90
LG-5512-110	500mL	5mL	1	\$88.27
LG-5512-112	1000mL	10mL	1	\$112.32



Graduated Cylinders with Base and Guard, Single Metric Scale, TD

These borosilicate glass graduated cylinders are calibrated “to deliver” (TD) and feature a single metric scale. Complete unit is supplied with glass cylinder, detachable plastic base, and plastic collar. See LG-5517A and LG-5518 for replacement parts.

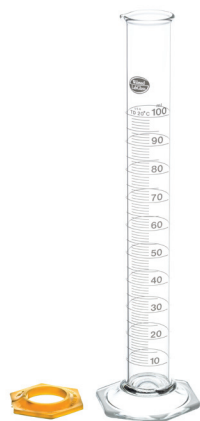
CATALOG NO.	DESCRIPTION	CAPACITY	SUBDIVISIONS	QUANTITY / PACK	PRICE
LG-5517-100	Cylinder with Base and Collar	10mL	0.2mL	1	\$7.87
LG-5517-102	Cylinder with Base and Collar	25mL	0.5mL	1	\$8.64
LG-5517-106	Cylinder with Base and Collar	100mL	1.0mL	1	\$12.28
LG-5518-100	Glass Cylinder	10mL	0.2mL	1	\$6.69
LG-5518-102	Glass Cylinder	25mL	0.5mL	1	\$8.12
LG-5518-106	Glass Cylinder	100mL	1.0mL	1	\$11.57
LG-5517A-100	Collar for 10mL Cylinder			1	\$0.73
LG-5517A-102	Collar for 25mL Cylinder			1	\$0.66
LG-5517A-104	Collar for 50mL Cylinder			1	\$3.93
LG-5517A-106	Collar for 100mL Cylinder			1	\$3.70
LG-5517A-110	Base for 10mL Cylinder			1	\$2.29
LG-5517A-112	Base for 25mL Cylinder			1	\$3.08
LG-5517A-114	Base for 50mL Cylinder			1	\$3.86
LG-5517A-116	Base for 100mL Cylinder			1	\$3.62



Hydrometer Cylinders with Pourout

Borosilicate glass hydrometer cylinders have a large stable round base and pour out on top.

CATALOG NO.	APPROXIMATE HEIGHT	O.D.	QUANTITY / PACK	PRICE
LG-5524-112	200mm	38mm	1	\$36.91
LG-5524-114	300mm	38mm	1	\$38.21
LG-5524-116	375mm	38mm	1	\$40.21
LG-5524-120	375mm	50mm	1	\$45.62



Class B Graduated Cylinders TD

Featuring a reinforced bead and pouring lip, these Class B borosilicate glass graduated cylinders comply with ASTM E 1272. The 5mL size has a funnel top. Calibrated "to deliver" (TD) at 20°C and suitable for general laboratory use. Reference No. ASTM E 1272

CATALOG NO.	CAPACITY	APPROX HEIGHT	SUBDIVISIONS	VOLUME TOLERANCE	QUANTITY / PACK	PRICE
LG-5510-100	5mL	110mm	0.1mL	±0.1mL	1	\$34.21
LG-5510-102	10mL	135mm	0.2mL	±0.2mL	1	\$36.24
LG-5510-104	25mL	140mm	0.5mL	±0.34mL	1	\$42.32
LG-5510-106	50mL	190mm	1mL	±0.5mL	1	\$46.33
LG-5510-108	100mL	255mm	1mL	±1.0mL	1	\$54.38
LG-5510-110	250mL	330mm	2mL	±2.0mL	1	\$69.79
LG-5510-112	500mL	375mm	5ml	±4.0mL	1	\$90.87
LG-5510-114	1000mL	460mm	10mL	±6.0mL	1	\$132.70
LG-5510-116	2000mL	520mm	20mL	±12.0mL	1	\$225.27
LG-5510-118	4000mL	585mm	50mL	±29.0mL	1	\$419.68



Class B Graduated Cylinders with Standard Taper Stopper, TC

These laboratory, general purpose grade graduated cylinders conform to ASTM E 1272 Style 2 Class B. Made of borosilicate glass, they are calibrated “to contain” at 20°C with white graduations and feature a Standard Taper stopper. Used to measure foam characteristics of emulsions and sedimentation values for solids.

Reference No. ASTM E 1272

CATALOG NO.	CAPACITY	STOPPER	SUBDIVISIONS	TOLERANCE	QUANTITY / PACK	PRICE
LG-5530-102	10mL	ST 13	0.2mL	±0.2mL	1	\$53.13
LG-5530-104	25mL	ST 13	0.5mL	±0.34mL	1	\$66.75
LG-5530-106	50mL	ST 16	1mL	±0.5mL	1	\$69.96
LG-5530-108	100mL	ST 22	1mL	±1.0mL	1	\$78.34
LG-5530-110	250mL	ST 27	2mL	±2.0mL	1	\$103.65
LG-5530-112	500mL	ST 32	5mL	±4.0mL	1	\$140.55
LG-5530-114	1000mL	ST 32	10mL	±6.0mL	1	\$194.77
LG-5530-116	2000mL	ST 38	20mL	±12.0mL	1	\$287.91



Class B Graduated Cylinders with Full Length Standard Taper Joint

Calibrated “to contain” (TC) according to ASTM E 1272, these borosilicate glass graduated cylinders have a double metric scale numbered up and down and a full length Standard Taper outer neck joint. See LG-10315 for stoppers.

CATALOG NO.	CAPACITY	JOINT	SUBDIVISIONS	TOLERANCE	QUANTITY / PACK	PRICE
LG-5560-100	25mL	ST 19/38	0.5mL	±0.34mL	1	\$76.04
LG-5560-102	50mL	ST 19/38	1mL	±0.5mL	1	\$89.41
LG-5560-104	50mL	ST 24/40	1mL	±0.5mL	1	\$94.32
LG-5560-106	100mL	ST 19/38	1mL	±1.0mL	1	\$82.05
LG-5560-108	100mL	ST 24/40	1mL	±1.0mL	1	\$97.48
LG-5560-110	250mL	ST 24/40	2mL	±2.0mL	1	\$134.39
LG-5560-112	500mL	ST 24/40	5mL	±4.0mL	1	\$159.00
LG-5560-114	500mL	ST 29/42	5mL	±4.0mL	1	\$163.04
LG-5560-116	1000mL	ST 24/40	10mL	±6.0mL	1	\$193.15
LG-5560-118	1000mL	ST 29/42	10mL	±6.0mL	1	\$193.55
LG-5560-120	2000mL	ST 34/45	20mL	±12.0mL	1	\$260.07



Precision Grade Graduated Cylinders with Pour-out

Having a great level of precision and conforming to ASTM E1272 Style 1 Class A, these borosilicate glass graduated cylinders feature a reinforced bead and pouring lip. Calibrated “to deliver” at 20°C and suitable for general laboratory use.

CATALOG NO.	CAPACITY	SUBDIVISIONS	TOLERANCE	QUANTITY / PACK	PRICE
LG-5520-098	5mL	0.1mL	±0.05mL	1	\$127.08
LG-5520-100	10mL	0.1mL	±0.10mL	1	\$149.58
LG-5520-102	25mL	0.2mL	±0.17mL	1	\$162.83
LG-5520-104	50mL	1mL	±0.25mL	1	\$135.31
LG-5520-106	100mL	1mL	±0.50mL	1	\$143.95
LG-5520-108	250mL	2mL	±1.0mL	1	\$160.24
LG-5520-110	500mL	5mL	±2.0mL	1	\$187.39
LG-5520-112	1000mL	10mL	±3.0mL	1	\$234.35
LG-5520-114	2000mL	20mL	±6.0mL	1	\$288.34



Precision Grade Volumetric Dilatometer, AOCS

These Dilatometers are for determination of solid fat index. Made from precision bore capillary tubing, stems are graduated from 0 to 1.400mL in 0.005mL subdivisions. Details of method are described in AOCS Cd 10-57. Tube, bulb, and stopper are permanently marked (in black or amber) for easy identification. They are furnished with LG-1004-104 clamp to keep Standard Taper 14/20 stopper in place.

CATALOG NO.	DESCRIPTION	QUANTITY / PACK	PRICE
LG-5618-102	Amber Graduations	1	\$240.26
LG-5618-104	Black Graduations	1	\$240.26



Soil Suspension Cylinder

Made of borosilicate glass, this Soil Suspension Cylinder has a heavy beaded finish at top, white graduation rings at 1000mL mark, and is calibrated “to contain” (TC). It is used to determine the amount of soil in dispersed suspensions as described in ASTM Standard Method D 422 and AASHO Method T 88.

Reference No. ASTM D 422, AASHO T 88

CATALOG NO.	CAPACITY	APPROXIMATE HEIGHT	QUANTITY / PACK	PRICE
LG-5519-100	1000mL	460mm	1	\$120.05

TUBES



Test Tubes with Outer Joint

These borosilicate glass test tubes have a round bottom and a Standard Taper outer joint. See LG-10300 and LG-10310 for stoppers.

CATALOG NO.	JOINT	APPROX LENGTH	APPROX O.D.	QUANTITY / PACK	PRICE
LG-10760-102	ST 14/20	150mm	16mm	1	\$28.96
LG-10760-108	ST 24/40	250mm	25mm	1	\$38.54
LG-10760-106	ST 24/40	200mm	25mm	1	\$31.14

VIALS



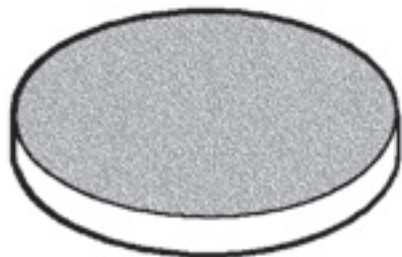
Hybridization Tubes

Made of borosilicate glass. Require minimal probe volumes. Tubes have heavy walls, reference graduations and are straight sided with no hold-up at thread. Supplied with threaded, leakproof screw cap. Additional polypropylene caps and silicone O-rings can be purchased separately.

CATALOG NO.	DESCRIPTION	HEIGHT	O.D.	THREADED CONNECTOR SIZE	STOPPER NUMBER	O-RING SIZE	QTY / PK	PRICE
LG-3310-100	Hybridization Tube with Cap	100mm	35mm				1	\$60.28
LG-3310-102	Hybridization Tube with Cap	150mm	35mm				1	\$63.03
LG-3310-104	Hybridization Tube with Cap	225mm	35mm				1	\$73.03
LG-3310-106	Hybridization Tube with Cap	300mm	35mm				1	\$72.17
LG-3310-108	Blue Polypropylene Screw Cap			GL45	1		1	\$4.87
LG-3310-110	Silicone O-Ring					2-323	1	\$3.54

PTFE/Silicone Septa

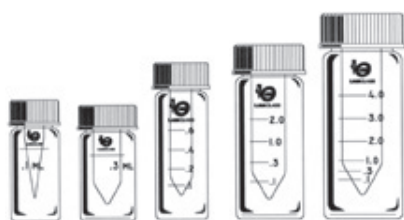
PTFE face provides an inert contact surface while the silicone backing material effects a positive seal. Frequently used when syringe techniques are indicated.



CATALOG NO.	THREADED CONNECTOR SIZE	THICKNESS	QUANTITY / PACK	PRICE
LG-4342-100	8-425	0.065"	1	\$0.64
LG-4342-102	13-425	0.065"	1	\$0.77
LG-4342-104	15-425	0.065"	1	\$1.12
LG-4342-106	18-400	0.065"	1	\$1.26
LG-4342-108	20-400	0.065"	1	\$1.44
LG-4342-110	24-400	0.065"	1	\$1.57

Clear Mini-Vials with Screw Cap

Flat bottom Pyrex® glass vials are free standing; no racks or support systems required. Inner conical bottom eases retrieval of microliter volumes; the thick wall magnifies the interior of the vial. Includes open-style phenolic screw cap and PTFE faced silicone liner. Micro-vial is exceptionally sturdy, versatile and can be used in many microscale techniques including: Acetylation, Centrifugation, Air-Sensitive Reactions, Extractions, Flash Evaporation, Radio-Synthesis, Silylation, Magnetic Stirring and Sample Storage.



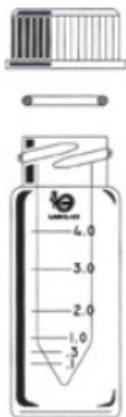
CATALOG NO.	CAPACITY	HEIGHT	O.D.	THREADED CONNECTOR SIZE	QUANTITY / PACK	PRICE
LG-4394-098	0.1mL	35mm	13mm	13-425	1	\$18.29
LG-4394-102	1mL	49mm	13mm	13-425	1	\$23.27
LG-4394-104	2mL	43mm	20mm	20-400	1	\$27.61
LG-4394-106	3mL	51mm	20mm	20-400	1	\$27.82
LG-4394-108	5mL	63mm	20mm	20-400	1	\$27.13
LG-4394-110	10mL	80mm	23mm	20-400	1	\$37.31

Economy Reaction Vials with Screw Cap

This economical concentration/reaction tube features the same perforated screw cap with PTFE faced silicone liner widely used for syringe penetration. The tapered top enhances sample concentration and recovery. The screw thread closure allows the use of PTFE sampling valves.



CATALOG NO.	CAPACITY	HEIGHT	QUANTITY / PACK	PRICE
LG-4395-102	3mL	60mm	1	\$26.46
LG-4395-104	5mL	80mm	1	\$26.47



Heavy Walled Conical Reaction Mini-Vials

These heavy wall vials have an internal conical bottom and an outside flat ground bottom. Includes Viton O-ring, 20 mm PTFE-faced silicone septum, and 20-400 open top nylon screw cap.

CATALOG NO.	CAPACITY	SUBDIVISIONS	GRADUATIONS	JOINT	QUANTITY / PACK	PRICE
ML-4104-500	1.0mL		0.1mL		1	\$25.22
ML-4104-600	3.0mL	1.0mL	0.5 to 3.0mL	ST 14/10	1	\$27.25
ML-4104-602	5.0mL	1.0mL	1.0 to 5.0mL	ST 14/10	1	\$26.75



Thin Walled Conical Reaction Mini-Vials

Thin walled vial with a conical bottom allows for a more efficient heat transfer to the sample during sublimation and provides optimum sample retrieval. Includes Viton O-ring, 20 mm PTFE-faced silicone septum, and 20-400 open top nylon screw cap.

CATALOG NO.	CAPACITY	JOINT	QUANTITY / PACK	PRICE
ML-4106-600	3.0mL	ST 14/10	1	\$28.28
ML-4106-602	5.0mL	ST 14/10	1	\$27.72