

WEIGHING BOTTLES



Tall Form Weighing Bottles with Standard Taper Stopper

Ideal for hygroscopic samples, these tall weighing bottles have a plug style stopper and are ideal for precise weighing of substances. High form shape decreases bottle footprint. Standard taper penny head stopper with closed bottom forms a secure seal. Used in desiccators to maintain sample dryness. Light weight allows accurate tare settings. ASTM Type 1, Class A Borosilicate glass construction.

CATALOG NO.	CAPACITY	APPROX. WEIGHT	HEIGHT	O.D.	JOINT SIZE	QUANTITY / PACK	PRICE
LG-3820-100	7mL	9g	50mm	15mm	43752	1	\$17.77
LG-3820-102	12mL	13g	80mm	15mm	43752	1	\$17.55
LG-3820-104	12mL	18g	40mm	25mm	43823	1	\$17.53
LG-3820-106	16mL	21g	50mm	25mm	43823	1	\$19.47
LG-3820-108	30mL	30g	60mm	30mm	43828	1	\$22.87
LG-3820-110	45mL	52g	50mm	40mm	14946	1	\$31.63
LG-3820-112	70mL	67g	80mm	40mm	14946	1	\$30.57
LG-3820-114	85mL	78g	50mm	50mm	18598	1	\$41.92

Low Form Weighing Bottles with Standard Taper Stopper



Ideal for precise weighing of substances, this low form bottle has a wide opening for easy addition and removal of samples. Standard taper penny head stopper with closed bottom forms a secure seal. Used in desiccators to maintain sample dryness. Light weight allows accurate tare settings. Ideal for hygroscopic samples. ASTM Type 1, Class A Borosilicate glass construction.

CATALOG NO.	CAPACITY	APPROX. WEIGHT	JOINT SIZE	O.D.	HEIGHT	QUANTITY / PACK	PRICE
LG-3830-100	35mL	53g	18598	50mm	30mm	1	\$40.98
LG-3830-102	50mL	71g	22251	60mm	60mm	1	\$46.95
LG-3830-104	82mL	111g	71/15	70mm	70mm	1	\$53.29



Parr Weighing Bottle with Flat Top Cap

Created specifically for small samples, the Parr weighing bottle has an external ground joint for sample transfer without seal interference. Flat top permits stacking for increased desiccator capacity. Light weight allows accurate tare settings. Ideal for hygroscopic samples. ASTM Type 1, Class A Borosilicate glass construction.

CATALOG NO.	CAPACITY	APPROX. WEIGHT	JOINT SIZE	O.D.	HEIGHT	QUANTITY / PACK	PRICE
LG-3850-100	4mL	12g	43823	20mm	24mm	1	\$26.59



Tall Form Weighing Bottles with Flat Top Cap

Ideal for hygroscopic samples these flat top, tall weighing bottles have an external ground joint that allows for sample transfer without interference to the seal. Flat top permits stacking for increased desiccator capacity. High form shape decreases bottle footprint. Caps can be used as weighing dishes. Light weight allows accurate tare settings. ASTM Type 1, Class A Borosilicate glass construction.

CATALOG NO.	CAPACITY	APPROX. WEIGHT	HEIGHT	O.D.	JOINT SIZE	QUANTITY / PACK	PRICE
LG-3861-100	12mL	20g	40mm	25mm	29/12	1	\$23.08
LG-3861-102	16mL	25g	50mm	25mm	29/12	1	\$23.08
LG-3861-104	30mL	32g	60mm	30mm	34/12	1	\$26.03
LG-3861-106	45mL	55g	50mm	40mm	45/12	1	\$35.67
LG-3861-108	70mL	72g	80mm	40mm	45/12	1	\$33.39
LG-3861-110	92mL	83g	100mm	40mm	45/12	1	\$34.79

AMBER BOTTLES



Amber Glass Single Neck Bottles

Made of borosilicate glass, this single neck bottle with Standard Taper joint is amberized to protect light-sensitive materials.

CATALOG NO.	CAPACITY	APPROX HEIGHT	APPROX O.D.	JOINT	QUANTITY / PACK	PRICE
LG-3461-098	250mL	150mm	67mm	ST 24/40 outer	1	\$159.47
LG-3461-100	500mL	178mm	83mm	ST 24/40 outer	1	\$180.44
LG-3461-102	1000mL	215mm	105mm	ST 24/40 outer	1	\$193.85
LG-3461-106	4000mL	300mm	175mm	ST 29/42 outer	1	\$320.21

BOSTON BOTTLES



Single Neck Bottles

Made of borosilicate glass, these single neck bottles come in various sizes.

CATALOG NO.	CAPACITY	HEIGHT	OUTER DIAMETER	JOINT	QUANTITY / PACK	PRICE
LG-3460-100	250mL	150mm	67mm	ST 24/40	1	\$54.04
LG-3460-102	500mL	178mm	83mm	ST 24/40	1	\$65.73
LG-3460-110	9000mL	435mm	203mm	ST 45/50	1	\$293.95

HOSE CONNECTION BOTTLES

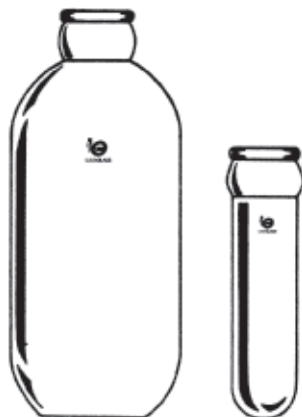


Carboys with Hose Connection

Large capacity borosilicate glass bottles, offered in four different sizes, feature a hose connector sealed at neck (1/2 or 3/8" connection). All bottle necks are compatible with a #12 stopper.

CATALOG NO.	CAPACITY	HOSE CONNECTION	QUANTITY / PACK	PRICE
LG-3465-100	2.5gal (9.5L)	3/8in	1	\$317.66
LG-3465-102	3.5gal (13.2L)	3/8in	1	\$397.68
LG-3465-104	5gal (19.0L)	3/8in	1	\$532.67
LG-3465-106	12gal (45.4L)	1/2in	1	\$1161.79

STORAGE



Pressure Reaction Bottles

Fabricated from selected heavy wall borosilicate glass. Widely used in pressure reaction studies and carry a Pressure Rating of 55 lbs. See LG-3922 for caps and gaskets.

CATALOG NO.	CAPACITY	LENGTH	O.D.	QUANTITY / PACK	PRICE
LG-3921-100	20mL	4 in.	1 in.	1	\$23.90
LG-3921-102	32mL	6 in.	1 in.	1	\$23.12
LG-3921-104	42mL	7.5 in.	1 in.	1	\$29.37
LG-3921-106	120mL	8 in.	1.5 in.	1	\$40.46
LG-3921-108	175mL	8 in.	1.75 in.	1	\$44.16
LG-3921-110	190mL	6 in.	2.25 in.	1	\$51.16
LG-3921-112	250mL	6 in.	2.5 in.	1	\$52.56
LG-3921-114	500mL	7.6 in.	3.25 in.	1	\$139.24
LG-3921-116	1000mL	11.25 in.	3.25 in.	1	\$181.78



Crown Cap and Gasket for LG-3921 Pressure Reaction Bottles

For use with LG-3921 bottles. Apply with ordinary bottle capper. Gasket is multi-layered, cross linked neoprene and will reseal after puncturing with a syringe needle. Metal cap has two holes for cannula or syringe needle.

CATALOG NO.	DESCRIPTION	QUANTITY / PACK	PRICE
LG-3922-100	Gasket and Crown Cap	1	\$2.49
LG-3922-110	Crown Cap Only	1	\$0.64
LG-3922-120	Gasket Only	1	\$2.06



Benchtop Bottle Capper for LG-3921 Pressure Reaction Bottles

Capper is supplied with a crimping cup for 26mm caps (LG-3922). Other sizes are available on request.

CATALOG NO.	DESCRIPTION	QUANTITY / PACK	PRICE
LG-3925-100	Bottle Capper	1	\$153.63

SPECIFIC GRAVITY BOTTLES



Chapman Specific Gravity Flask

The Chapman flask has a wide base and two bulbs for determining the percentage of voids and surface moisture in fine aggregate. Graduated at 200mL between the bulbs, and from 375mL to 450mL in 1mL divisions in the neck. Used in ASTM C 70, AASHTO T-142, ANS A37.21, and CRD-C111.

Reference No. ASTM C 70

CATALOG NO.	CAPACITY	GRADUATIONS	QUANTITY / PACK	PRICE
LG-3544-100	450mL	1mL	1	\$216.25

Gay-Lussac Adjusted Specific Gravity Bottles

These borosilicate glass specific gravity bottles are accurately adjusted at 20°C to determine the density of liquid samples. While the joints have Standard Taper dimensions, the capillary stoppers are not interchangeable since the final adjustment for volume is made on the stopper. Each bottle and its stopper carry the same identifying number.

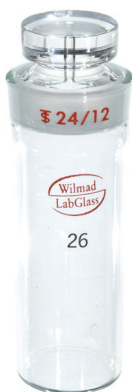


CATALOG NO.	CAPACITY	VOLUME TOLERANCE	JOINT	QUANTITY / PACK	PRICE
LG-3540-100	2mL	±0.03mL	ST 7/15	1	\$145.29
LG-3540-102	5mL	±0.03mL	ST 7/15	1	\$147.07
LG-3540-110	100mL	±0.10mL	ST 10/18	1	\$166.07
LG-3540-108	50mL	±0.08mL	ST 10/18	1	\$162.94
LG-3540-106	25mL	±0.05mL	ST 10/18	1	\$158.91
LG-3540-104	10mL	±0.04mL	ST 10/18	1	\$148.69

Hubbard Specific Gravity Bottle

This borosilicate glass specific gravity bottle is used in standard test methods for specific gravity of a variety of semi solid materials and emulsions, such as asphalt cements, road tars, road oils, and soft tar pitches. The solid Standard Taper stopper has a hole approximately 1.6mm in diameter through the center to allow excess sample to escape.

Reference: ASTM D 70, AASHTO Method T 43



CATALOG NO.	CAPACITY	APPROX HEIGHT	APPROX DIAMETER	STOPPER SIZE	QUANTITY / PACK	PRICE
LG-3541-100	24mL	72mm	27mm	ST 24/12	1	\$116.45

Hubbard-Carmick Specific Gravity Bottle

For use with viscous fluids, semi-solid bitumen and emulsions.



CATALOG NO.	CAPACITY	HEIGHT	DIAMETER	JOINT	QUANTITY / PACK	PRICE
LG-3542-100	25mL	55mm	40mm	ST 24/12	1	\$133.07

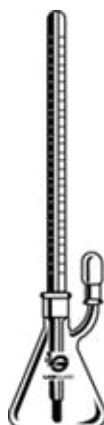


Le Chatelier Specific Gravity Bottle

Used to determine the specific gravity/density of sand, cement and other fine materials, this borosilicate glass specific gravity bottle is developed from ASTM C 188 and ASTM E 694. The body holds approximately 250mL and the capacity of the oval bulb in the neck is 17mL. Volume below the bulb is graduated from 0 to 1.0mL in 0.1mL subdivisions, with an additional 0.1 subdivision below the 0 and above the 1.0mL mark. The neck is graduated from 18 to 24mL in 0.1mL subdivisions above the bulb (white graduations). Supplied with a Standard Taper stopper.

Reference No. ASTM C 188 and ASTM E 694

CATALOG NO.	APPROXIMATE CAPACITY	VOLUME TOLERANCE	STOPPER SIZE	QUANTITY / PACK	PRICE
LG-3543-100	250mL	±0.05mL	ST 13	1	\$160.01



Pycnometer Specific Gravity Bottle Apparatus

With a conical flask body to give maximum stability, these specific gravity bottles/pycnometers come complete with flask, thermometer, and cap. The thermometer used for 25mL size has a Standard Taper 10/18 with temperature range of +14°C to 38°C. The 50 and 100mL sizes are used to obtain the specific gravity of pigments (ASTM Method of Test D153). The cap, used for all bottle sizes, has a Standard Taper 5/12 joint.

Reference No. ASTM Method of Test D 153

CATALOG NO.	DESCRIPTION	CAPACITY	JOINT	QUANTITY / PACK	PRICE
LG-3550-102	Bottle	25mL		1	\$272.71
LG-3550-104	Complete Apparatus	50mL		1	\$280.60
LG-3550-106	Complete Apparatus	100mL		1	\$292.19
LG-3550-202	Bottle	25mL		1	\$184.26
LG-3550-204	Bottle	50mL		1	\$180.90
LG-3550-206	Bottle	100mL		1	\$202.66
LG-3550-310	Thermometer for 25mL Flask			1	\$84.65
LG-3550-312	Thermometer for 50 and 100mL Flask			1	\$86.31
LG-3550-320	Cap		ST 5/12	1	\$37.43

Gay-Lussac Specific Gravity Bottles

These unadjusted borosilicate glass specific gravity bottles determine the density of liquid samples. They have capillary stoppers, and ground Standard Taper joints to reduce evaporation.



CATALOG NO.	APPROXIMATE CAPACITY	JOINT	QUANTITY / PACK	PRICE
LG-3530-104	10mL	ST 10/18	1	\$81.96
LG-3530-110	100mL	ST 10/18	1	\$105.36
LG-3530-106	25mL	ST 10/18	1	\$85.42
LG-3530-108	50mL	ST 10/18	1	\$100.59
LG-3530-100	2mL	ST 7/15	1	\$80.52
LG-3530-102	5mL	ST 7/15	1	\$79.03