

LAB Series

Liquid Nitrogen Dewars

The LAB Series dewars use high efficiency super-insulation and aluminum construction to make them lightweight and the most efficient containers available. Their shape and handles make them easy to lift and pour. The LAB Series dewars can also be fitted with pouring spouts, withdrawal devices, or dippers to aid in liquid nitrogen transfer.

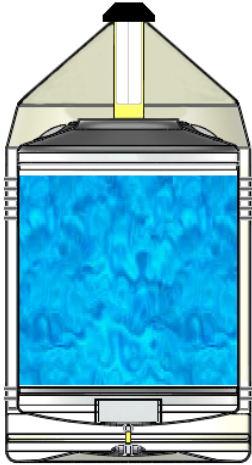


*Lab 50 Shown with Optional
Roller Base & Withdrawal Device*

Features:

- Designed for efficient storage of liquid nitrogen.
- Low liquid nitrogen consumption.
- Convenient lightweight package.
- Six sizes from 4 liters to 50 liters capacity.
- Lightweight aluminum construction.
- Up to 128 days holding time.

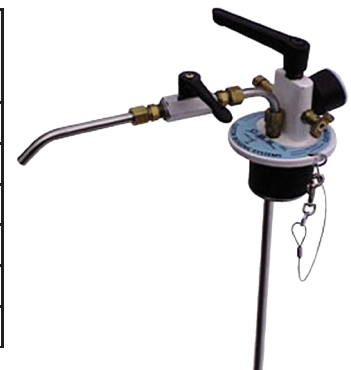
Features / Specifications



LAB Series	LAB 4	LAB 5	LAB 10	LAB 20	LAB 30	LAB 50
Liquid Nitrogen Usage & Capacities						
Liquid nitrogen capacity (<i>liters</i>)	4	5	10	21	32	50
Static evaporation rate (<i>liters per day</i>)	0.2	0.15	0.18	0.18	0.25	0.45
Static holding time (<i>days</i>)	18	33.3	55.6	116.7	128	111
Dimensions						
Neck Opening <i>inches (mm)</i>	1.4 (33.5)	2.2 (56)	2.2 (56)	2.2 (56)	2.5 (64)	2.5 (64)
Usable Height <i>inches (mm)</i>	7.8 (198)	10.5 (266)	13.5 (343)	13.7 (348)	14.9 (378)	22 (559)
Overall Height <i>inches (mm)</i>	16.8 (426)	18.2 (462)	21.5 (546)	24.7 (627)	24.1 (611)	30.7 (779)
Outside Diameter <i>inches (mm)</i>	7.3 (185)	8.8 (222)	10.3 (260)	14.5 (368)	17 (432)	17 (432)
Internal Diameter <i>inches (mm)</i>	5.5 (139)	6.5 (165)	8.3 (210)	11.4 (289)	14 (356)	14 (356)
Weight empty <i>lbs. (kg)</i>	6 (2.7)	8 (4)	13 (6)	19 (9)	27 (12)	34 (15)
Weight full <i>lbs. (kg)</i>	13 (6)	17 (8)	31 (14)	56 (26)	84 (38)	123 (56)

Optional Withdrawal Device

Fits Custom BioGenics Chart (MVE) Vessels	Neck Diameter <i>inches (mm)</i>	Part Number
Lab 10	2.0 (50.8)	LW 8071
Lab 10	2.2 (56)	LW 8101
Lab 20	2.0 (50.8)	LW 7803
Lab 20	2.2 (56)	LW 7802
Lab 30	2.5 (63.5)	LW 8004
Lab 50	2.5 (63.5)	LW 8021



Your Local CBS Representative is:



Custom BioGenic Systems is certified by BSI to the following standards:
 ISO 13485:2003
 MDD 93/42/EEC

