

CBS

laboratory series



An economical way to store and pour liquid nitrogen. . .



Lab 50 above is shown with optional Withdrawal Device and Roller Base.

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 (as shown above on LAB 50) or dippers to aid in liquid nitrogen transfer.

Model	Lab 4	Lab 5	Lab 10	Lab 20	Lab 30	Lab 50
<i>Performance</i>						
Liquid Nitrogen Capacity (liters)	4	5	10	21	32	50
Static Evaporation Rate (liters/day)	0.2	0.15	0.18	0.18	0.25	0.45
Static Holding Time (days)	18	33.3	55.6	116.7	128	111
<i>Unit Dimensions</i>						
Neck Opening (in/mm)	1.4 (35.5)	2.2 (56)	2.2 (56)	2 (51)	2.5 (64)	2.5 (64)
Usable Height (in/mm)	7.8 (198)	10.5 (266)	13.5 (343)	13.7 (348)	14.9 (378)	22 (559)
Overall Height (in/mm)	16.8 (426)	18.2 (462)	21.5 (546)	24.7 (627)	24.1 (611)	30.7 (779)
Outside Diameter (in/mm)	7.3 (185)	8.8 (222)	10.3 (260)	14.5 (368)	17 (432)	17 (432)
Internal Diameter (in/mm)	5.5 (139)	6.5 (165)	8.3 (210)	11.4 (289)	14 (356)	14 (356)
Weight Empty (lbs/kg)	6 (2.7)	8 (4)	13 (6)	19 (9)	27 (12)	34 (15)
Weight Full (lbs/kg)	13 (6)	17 (8)	31 (14)	56 (26)	84 (38)	123 (56)



...and a Withdrawal Device* that's reliable, sturdy and easy to use.

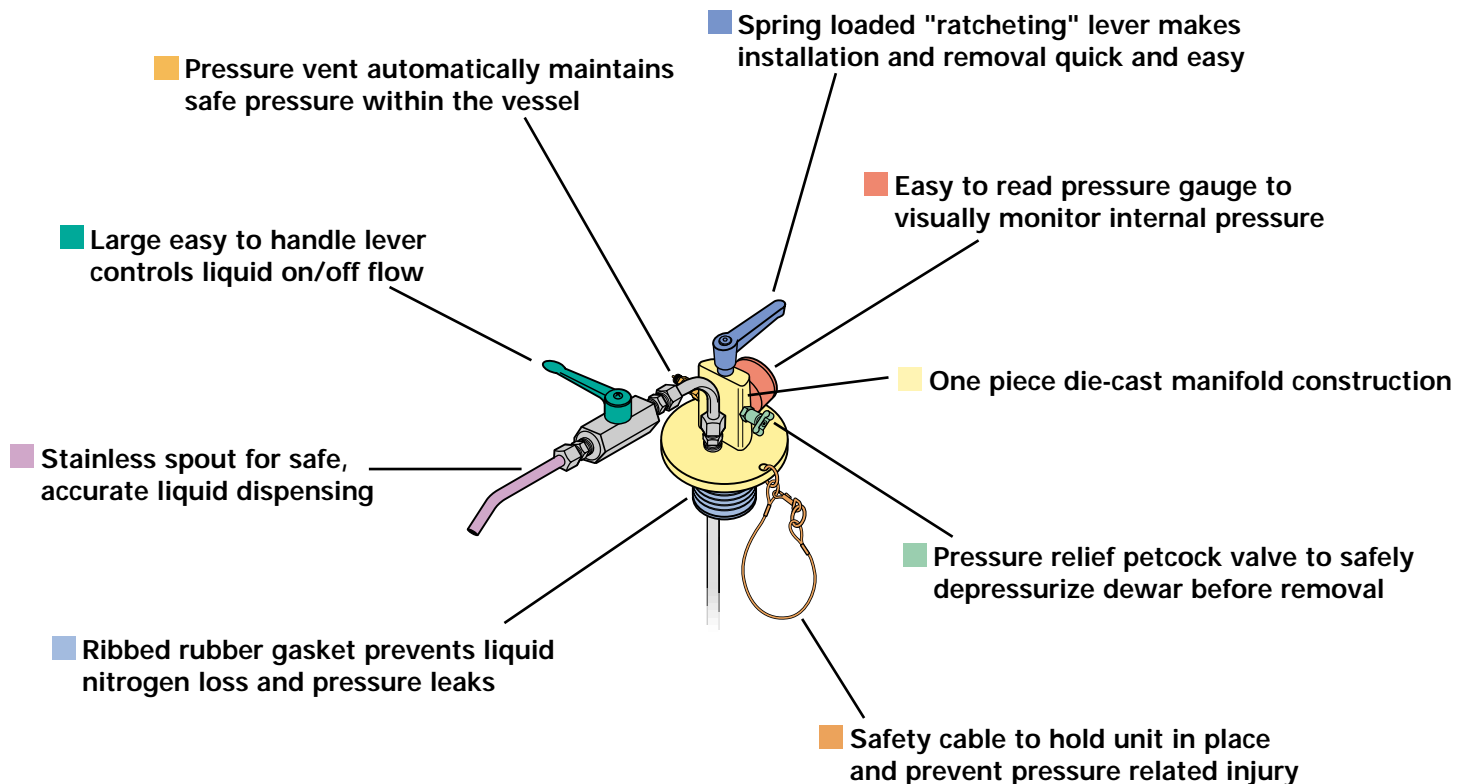
*patent pending

Withdrawal Device Compatibility Chart

Fits Custom Biogenics/ Chart (MVE) Vessel	Neck Diameter	Part Number
Lab 10	2.0 Inches	LW 8071
Lab 10	2.25 Inches	LW 8101
Lab 20	2.0 Inches	LW 7802
Lab 30	2.5 Inches	LW 8004
Lab 50	2.5 Inches	LW 8021



Outstanding Features:



Accessories



- 1) LN₂ Transfer Hose
- 2) LN₂ Phase Separator
- 3) "T" Valve
- 4) Cryo Gloves
- 5) LN₂ Level Stick
- 6) "Y" Connector
- 7) Roller Base

Not Pictured:
Pouring Spout
LN₂ Dipper
LN₂ Swivel Dipper
Spare Corks