



**LD
Series**

CST
Cryo-Science
Technologies



LD Series

The LD Series of cryogenic dewars are designed for storing and dispensing small amounts of liquid nitrogen. The series includes a beaker style dewar with a wide mouth (LD5) and pitcher-style model for easy pouring (LD4).

Harsco
Gas Serv



Features

- High performance modern construction and advanced insulation materials assure high thermal efficiency
- New rugged construction, ribbed high strength aluminum body, magniformed necktube design, and more durable paint system
- Easy operation lightweight snap-on cap and necktube assures tight closure and easy access, convenient larger handles
- Superior vacuum performance with super insulation provides maximum holding times
- Optional equipment includes liquid withdrawal device, tipping stand, dippers and roller base (for some models)



Models	LD4	LD5	LD10	LD25	Classic 25	LD35	LD50	
Static Holding Time days (1)	10	6	45	109	119	152	122	
Working Time days (2)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Evaporation Rate (1) liters/days	0.40	0.77	0.22	0.23	0.21	0.23	0.41	
Liquid Nitrogen Capacity - liters	4	5	10	25	25	35	50	
Weight Empty	- lbs. - kg.	6.6 3.0	6.9 3.1	14.5 6.6	23.2 10.5	19 8.6	35.1 16.0	38.7 17.6
Weight Full	- lbs. - kg.	13.7 6.2	15.8 7.2	32.3 14.7	67.7 30.8	63.5 28.9	97.4 44.3	127.7 58.0
Neck Diameter	- in. - mm.	1.2 30	5.6 142	2.0 51	2.5 64	2.0 51	2.5 64	2.5 64
Overall Height	- in. - mm.	17.0 432	17.5 445	23.5 597	25.8 655	22.9 582	26.3 668	32.4 823
Overall Diameter	- in. - mm.	7.6 193	7.6 193	11.4 290	15.6 396	15.5 394	18.8 475	18.8 475
Liquid Withdrawal Device P/N	N/A	N/A	N/A	D050-8C00	N/A	D050-8C00	D050-8C00	
Roller Base P/N	N/A	N/A	N/A	R018-8C00	D024-8C02	RO33-8C00	R033-8C00	
Tipping Stand P/N	N/A	N/A	N/A	D025-8C00	DO24-8C00	N/A	N/A	
Dipper P/N	N/A	R018-8C50	R018-8C50	R018-8C50	R018-8C50	R018-8C50	R018-8C50	

(1) Evaporation rate and static holding time are nominal. Actual rate may be affected by the nature of the contents, atmospheric conditions, container history, and manufacturing tolerances.

(2) Work time is an arbitrary, reference-only value to estimate container performance under the actual operating conditions.