

# Cryogenic Equipment

## 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).



### Features

- High Performance – Modern construction and advanced insulation materials assure high thermal efficiency
- New Rugged Construction – ribbed high strength aluminum body, magniformed necktube design, low VOC and more durable paint
- Easy Operation – Snap-On cap and necktube assures tight closure and easy access, convenient handle location
- 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	
<b>Static Holding Time</b> -days (1)	10	6	45	109	119	152	122	
<b>Working Time</b> - days (2)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
<b>Evaporation Rate</b> (1) liters/days	0.40	0.77	0.22	0.23	0.21	0.23	0.41	
<b>Liquid Nitrogen Capacity</b> - liters	4	5	10	25	25	35	50	
<b>Weight Empty</b> -	lbs	6.6	6.9	14.5	23.2	19	35.1	38.7
	kg	3.0	3.1	6.6	10.5	8.6	16.0	17.6
<b>Weight Full</b> -	lbs	13.7	15.8	32.3	67.7	63.5	97.4	127.7
	kg	6.2	7.2	14.7	30.8	28.9	44.3	58.0
<b>Neck Diameter</b> -	in	1.2	5.6	2.0	2.5	2.0	2.5	2.5
	mm	30	142	51	64	51	64	64
<b>Overall height</b> -	in	17.0	17.5	23.5	25.8	22.9	26.3	32.4
	mm	432	445	597	655	582	668	823
<b>Overall Diameter</b> -	in	7.6	7.6	11.4	15.6	15.5	18.8	18.9
	mm	193	193	290	396	394	475	475
<b>Liquid Withdrawal Device P/N</b>	N/A	N/A	N/A	D050-8C00	N/A	D050-8C00	D050-8C00	
<b>Roller Base P/N</b>	N/A	N/A	N/A	R018-8C00	D024-8C02	R033-8C00	R033-8C00	
<b>Tipping Stand P/N</b>	N/A	N/A	N/A	D025-8C00	DO24-8C00	N/A	N/A	
<b>Dipper P/N</b>	N/A	N/A	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. Actual working time may vary widely depending on individual use patterns.