

# CRYOSCIENCE

by Taylor-Wharton™

## LD Series



### **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).



**Taylor-Wharton**

# LD Series

Models		LD4	LD5	LD10	LD25	Classic 25	LD35	LD50
Static Holding Time days (1)		10	6	45	109	119	152	122
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.	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
Weight Full	- 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
Neck Diameter	- in.	1.2	5.6	2.0	2.5	2.0	2.5	2.5
	- mm.	30	142	51	64	51	64	64
Overall Height	- in.	17.0	17.5	23.5	25.8	22.9	26.3	32.4
	- mm.	432	445	597	655	582	668	823
Overall Diameter	- in.	7.6	7.6	11.4	15.6	15.5	18.8	18.8
	- mm.	193	193	290	396	394	475	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	N/A	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.



## Features

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



**Taylor-Wharton**

*A legacy of excellence. A vision of promise.*

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