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Scientific Equipment

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CRYOSCIENCE
by **Taylor-Wharton**TM

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. - 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	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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