

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. - 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)





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Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.