

LD-SERIES

LN₂ LIQUID DEWARDS



For safe storage and dispensing of small amounts of liquid nitrogen

- Rugged ribbed high-strength aluminum body, magneformed necktube design, and more durable paint
- Advanced insulation materials assure high thermal efficiency

SPECIFICATIONS

Type - designation	4LD	5LD	10LD	25LD	CLASSIC-25	35LD	50LD
LN ₂ - Capacity l	4	5	10	25	25	35	50
Static Hold Time Days	10	6	45	109	119	152	122
Evap. Rate l/Day	0.40	0.77	0.22	0.23	0.21	0.29	0.49
Necktube in mm	1.2 30.5	5.6 142.2	2.0 50.8	2.5 63.5	2.0 50.8	2.5 63.5	2.5 63.5
Overall Dia. in mm	7.6 193	7.6 193	11.4 289.6	15.6 393.7	15.5 393.7	18.8 477.5	18.8 477.5
Height in mm	17 432	17.5 444.5	23.5 655.3	25.8 655.3	22.9 581.6	26.3 668	32.4 823
Weight Empty lb kg	6.6 3.0	6.9 3.1	14.5 6.6	23.2 10.5	19 8.6	35.1 15.9	38.7 17.6
Full Weight lb kg	13.7 6.2	15.8 7.2	32.3 14.7	67.7 30.7	63.5 28.8	97.4 44.2	127.7 57.9

CST CRYO-SCIENCE TECHNOLOGIES



LIQUID WITHDRAWAL DEVICE

The Liquid Withdrawal Device (LWD) provides convenient pressure transfers of liquid nitrogen from LD25, LD35 and LD50 Dewars. The device clamps directly to the special neck flange that is found under the plastic trim collar around the neck of these containers.

Flow rates up to 8 liters per minutes are possible at operating pressures up to 7.25 psig (0.5 bar/50 kPa).