

LD Series

LN₂ LIQUID DEWARs

For safe storage and dispensing of small amounts of liquid nitrogen.

- **Rugged + ribbed high-strength aluminum body**
- **Magneformed necktube design, more durable paint**
- **Advanced insulation materials assure high thermal efficiency**



SPECIFICATIONS	4LD	5LD	10LD	25LD	CLASSIC-25	LD35	LD50
LN ₂ Capacity (L)	4	5	10	25	25	35	50
Static Hold Time (Days)	10	6	45	109	119	152	122
Evap. Rate (Liters/Day)	0.40	0.77	0.22	0.23	0.21	0.29	0.49

DIMENSIONS

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	15.6/396.2	15.5/393.7	18.8/477.5	18.8/477.5
Height (in/mm)	17/432	17.5/444.5	23.5/597	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

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).