

# LD Series

## LN<sub>2</sub> LIQUID DEWARs



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	4LD	5LD	10LD	25LD	CLASSIC-25	LD35	LD50
LN <sub>2</sub> 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).



855.750.8191 | [sales@ICBiomedical.com](mailto:sales@ICBiomedical.com)  
[www.ICBiomedical.com](http://www.ICBiomedical.com)  
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