

# GAS HANDLING EQUIPMENT

## CRYOGENIC DEWARs

### Series HSG-LD Liquid Nitrogen Dewars

For the safe, convenient storage of liquid nitrogen in small quantities, there is a complete line of dewars incorporating modern design and highest quality construction. These sturdy, yet lightweight dewars combine optimum holding time with convenient access to liquid nitrogen. Our line of cryogenic dewars includes a beaker-style model for wide-mouth access to liquid nitrogen, and a pitcher-style model to facilitate transfer. Other standard models offer additional flexibility for storing, pouring and transporting liquid nitrogen.



**HSG-LD SERIES LIQUID NITROGEN DEWARs**

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EQUIPMENT

### Specifications

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.	6.6	6.9	14.5	23.2	19	35.1	38.7
	- kg.	3.0	3.1	6.6	10.5	8.6	16.0	17.6
Weight Full	- lbs.	13.7	15.8	32.3	67.7	63.5	97.4	127.7
	- kg.	6.2	7.2	14.7	30.8	28.9	44.3	58.0
Neck Diameter	- in.	1.2	5.6	2.0	2.5	2.0	2.5	2.5
	- mm.	30	142	51	64	51	64	64
Overall Height	- in.	17.0	17.5	23.5	25.8	22.9	26.3	32.4
	- mm.	432	445	597	655	582	668	823
Overall Diameter	- in.	7.6	7.6	11.4	15.6	15.5	18.8	18.8
	- mm.	193	193	290	396	394	475	475
Liquid Withdrawal Device P/N	N/A	N/A	N/A	D050-8C00	NA/	D050-8C00	D050-8C00	
Roller Base P/N	NA	N/A	N/A	R018-8C00	D024-8C02	R033-8C00	R033-8C00	
Tipping Stand P/N	N/A	N/A	N/A	D025-8C00	D024-8C00	N/A	N/A	
Dipper P/N	N/A	R018-8C50	R018-8C50	R018-8C50	R018-8C50	R018-8C50	R018-8C50	

### Accessories



**ROLLER BASE**

This sturdy, cast-aluminum, 5-wheel dolly enables you to move refrigerators and dewars easily and safely. Choose from three sizes to fit either the 18.8 in. (478 mm) dia., 15.6 in. (396 mm) dia., or the 26.7 in. (678 mm) dia. units.



**LIQUID WITHDRAWAL DEVICE**

The Liquid Withdrawal Device enables the 25LD, 35LD or the 50LD to conveniently pressure transfer liquid nitrogen at rates up to 8 liters per minute. The low 10 psig (0.7 Bar/69 kPa) assures safe dispensing through a phase separator.