

Haier Liquid Nitrogen Storage System

LAB Series

5 Year Vacuum Warranty

High Thermal Efficiency

Strong and Lightweight

30 Litre To 50 Litre Capacity

Durability

Security

Super-Insulation

Ideal For Lab Applications



LAB Series



Introduction

Widely used in laboratories around the world.

Key Features

- 5 models, from 30 litres to 50 litres capacity
- Heavy duty lockable enclosure offers excellent security
- Strong, lightweight aluminium construction
- Dual handles
- Temperature data-logging monitoring available
- Roller bases available
- High thermal efficiency
- 5 year vacuum warranty
- Ultra-low evaporative losses

Product Advantages

Low LN₂ consumption and small storage capacity

Haier LAB Series Liquid Nitrogen Storage System features low LN₂ consumption and small storage capacity for laboratory applications. The light-weighted tanks require smaller space while provide efficient small capacity cryogenic storage.

Advanced Vacuum Technology and Super-insulation Technology

Advanced vacuum and insulation technologies provide ultra-low liquid nitrogen evaporation loss and ensure three months cryogenic storage.



Five Models Available

LAB Series offers five models with different capacity from 600, 750 to 900 standard 2 ml cryovials. All models are supplied with stainless steel holders and cryogenic boxes.

Technical Parameters

Model	YDS-30-125-F	YDS-30B-125-F	YDS-35-125-F	YDS-35B-125-F	YDS-47-127-F	YDS-50B-125-F
Maximum Storage Capacity						
No. of holders	6	6	6	6	6	6
1.2&2 ml Cryovials (25 per box)	600	600	750	750	900	900
No. of boxes in (holder)	4	4	5	5	6	6
Performance						
Volume of LN ₂ (L)	31.5	31.5	35	35	47	50
Static Evaporation* (L/Day)	0.28	0.28	0.29	0.35	0.33	0.37
Working Volume	31.5	31.5	35	35	47	50
Duration of Normal Operation** (Day)	71	71	76	63	90	85
Dimensions						
Opening Diameter(MM)	125	125	125	125	127	125
Height(MM)	659	659	700	700	753	753
Outside Diameter(MM)	461	461	461	461	461	461
Empty Weight(KG)	14.3	14.3	14.5	14.8	15.4	21
Gross Weight(KG)	38.9	38.9	43.2	43.5	53.9	62

* Static evaporation and static holding time is theoretical value. Actual evaporation and holding time is affected by usage, atmospheric conditions, and manufacturing tolerances.

** Duration of normal operation is for reference only to estimate container performance under normal operating conditions. Actual duration may differ due to different atmospheric conditions, usage history, manufacturing tolerances, and particular circumstances.

Accessories





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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.

