



Liquid nitrogen freezer LD-LLNF-C13

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Overview

LD-LLNF-C13 provides the most efficient vapor phase liquid nitrogen storage temperature for biological samples. Equipped with temperature controller, auto fill and LN2 monitoring system. Optimized performance, structure and control system for storing the larger capacity, to meet user requirements. Temperature for storage that averages to -190 °C.

Features:

- Exceptional temperature uniformity and stability
- Magnificent vacuum performance and structural design ensures low LN2 consumption and reduces the storage cost
- Time tested temperature controller, liquid level monitoring and alarm system
- Auto fill of LN2 provides added user safety
- Manual filling available on requirement basis
- Avoids cross contamination and overflow of LN2 with the controlled system of multiple solenoid valves
- Improved design provides high storage capacity
- Cordial with vapor phase and liquid phase storage modes, can be customized as per user requirement

Applications:

Used for storing rare samples, assisting life science research and cell therapy applications.

Specifications:

Weight	355 kg
Display	Touch Screen
USB Port	Yes
LN2 Capacity	800 L
Neck Opening	445 mm
Battery Backup	Yes
External Height	1605 mm
Auto fill Function	Yes
External Door Width	1090 mm
No. of Freezer Rack	24
Password Protection	Yes
Door Lift over Height	1052 mm

Internal Usable Height	780 mm
No. of Shelves per Rack	14
Internal Usable Diameter	980 mm
LN2 Capacity at Vapor Phase	133 L
Max. Storage Capacity for Vials (2 ml)	39200
Max. Storage Capacity for Blood Bags (50 ml)	1736