Portable Liquid Nitrogen Tank 2 L and 3 L, Aluminium Cryogenic Dewar, 30/50 mm Neck, Canisters

Model **MSLNC-P2-30SWISS,MSLNC-P3-50SWISS** | Brand **Master Science**







The Master Science Portable Liquid Nitrogen Tank is a small, economical vacuum-insulated container for biological samples that need regular handling or moving. Like an oversized thermos, it keeps liquid nitrogen in a vacuum chamber with multi-layer insulation, holding 2 L or 3 L of LN2.

KEY HIGHLIGHTS

- Easy to carry
- Very low evaporation
- Organised straws
- Secure option

AT A GLANCE

2 / 3 L	90 / 792
LN2 CAPACITY	0.5 ML STRAW CAPACITY

Request a Quotation
Contact us for pricing, configuration options and delivery details.

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www.themsci.com

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Overview

The body is made of high-strength, lightweight aluminium alloy and comes with a carrying belt. Numbered canister positions help keep straws and samples organised, and static holding time reaches 28 days on the 2 L model.

> For larger long-term storage, see our Laboratory Liquid Nitrogen Tank, 30-50 L, a bigger companion to the Portable Liquid Nitrogen Tank.

Key Benefits

Easy to carry
Small, light and supplied with a belt.

Very low evaporation
From 0.07 L per day on the 2 L model.

Organised straws
Numbered canister positions speed up sample retrieval.

Secure option
Lockable lid available to prevent unauthorised opening.

Technical Specifications

GENERAL

Brand	Master Science
Model Number	MSLNC-P2-30SWISS,MSLNC-P3-50SWISS
SKU	MSLNC-P2-30SWISS,MSLNC-P3-50SWISS
LN2 Capacity	**2 / 3 L**
Neck Opening	30 / 50 mm
Outer Diameter	223 / 223 mm
Static Evaporation Rate	0.07 / 0.12 L/day
Static Holding Time	28 / 26 days
Canister Diameter	19 / 38 mm
Number of Canisters	3 / 6
0.5 mL Straw Capacity	**90 / 792**
0.25 mL Straw Capacity	**204 / 1788**
Construction	High-strength aluminium alloy, multi-layer insulation

DIMENSIONS & WEIGHT

Weight Empty	2.8 / 3.1 kg
Weight Full	4.5 / 6 kg
Overall Height	415 / 445 mm
Canister Height	120 / 120 mm

WHERE A SMALL DEWAR HELPS

Moving samples between sites	Light, belted tank for easy carrying.
LN2 running out quickly	Low evaporation with up to 28 days holding.
Mixed-up straws	Numbered canister places.
Unauthorised access	Optional lockable lid.

The Portable Liquid Nitrogen Tank is suitable for

- **Transporting frozen biological samples**
- **Storage of samples in 0.25 mL and 0.5 mL straws**
- **Samples that need to be moved often**
- **Laboratory sample handling**

Construction

- High-strength lightweight aluminium alloy
- Vacuum insulation with multi-layer heat insulation
- Small size

Storage

- 3 or 6 canisters, 120 mm high
- Number coding for canister positions
- Holds 0.5 mL and 0.25 mL straws

Handling

- Carrying belt included
- Ultra-low evaporation loss
- Optional lockable lid
- Optional PU protective jacket

Standard Accessories Included

- Canisters
- Carrying belt

Optional Accessories

- Lockable lid
- PU bag (protective jacket)