-25°C Upright Freezer 100 L, Compact Low Temperature Lab Freezer, -10 to -25°C, 4 Drawers

Model **MSLF25-100SWISS** | Brand **Master Science**











The Master Science -25°C Upright Freezer 100 L is a compact cold storage unit for laboratories that need a dependable -10 to -25°C environment without giving up much floor space. Its upright side-opening door has a built-in handle and a limited hinge to keep the door from striking nearby objects.

KEY HIGHLIGHTS

- Space saving
- Low running power
- Settings stay protected
- Early warnings

AT A GLANCE

-10 to -25°C (at ambient 10-32°C) TEMPERATURE RANGE	**100 L (3.53 cu.ft)** CAPACITY

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

support@themsci.com
www.themsci.com

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Overview

A microprocessor controller with LED digital display holds the set temperature, while alarms for high and low temperature, sensor error, power failure, controller faults and door ajar help protect stored materials. A password function prevents unwanted changes to the settings.

> Need deeper cold and more space? See our -40°C Upright Freezer, 528 L, a larger partner to the -25°C Upright Freezer 100 L.

Key Benefits

Space saving
Only 540 mm wide, it fits under benches or in small rooms.

Low running power
Consumes 73 W in operation.

Settings stay protected
Controller password lock stops accidental changes.

Early warnings
Audible buzzer and flashing light alarms flag problems.

Technical Specifications

GENERAL	
Brand	Master Science
Model Number	MSLF25-100SWISS
SKU	MSLF25-100SWISS
Capacity	**100 L (3.53 cu.ft)**
Temperature Range	**-10 to -25°C (at ambient 10-32°C)**
Sensor	NTC
Controller	Microprocessor
Refrigerant	R600a (CFC-free)
Defrost	Manual
Compressor	1
Alarms	High/low temperature, sensor error, door ajar
Interior Material	HIPS
Exterior Material	Powder-coated steel
Test Hole	1 x 25 mm
Shelves / Drawers	3 shelves, 4 drawers
Noise	50 dB
Display	Digital display

DIMENSIONS & WEIGHT	
Internal Dimensions (W x D x H)	410 x 410 x 670 mm
External Dimensions (W x D x H)	540 x 553 x 877 mm
Net / Gross Weight	32 / 43 kg
Package Dimensions (W x D x H)	640 x 650 x 1100 mm

POWER	
Power Failure Alarm Backup	8 h
Power Supply	AC 110/220 V ±10%, 50/60 Hz
Power Consumption	73 W

WHERE THIS COMPACT FREEZER HELPS	
Limited floor space	A 540 x 553 mm footprint fits tight spots.
Settings changed by mistake	Password protection locks the controller.
Door left open	A door ajar alarm alerts staff.
Damage from power surges on restart	The start-delay function protects the compressor.

The -25°C Upright Freezer 100 L is suitable for

- **Clinical and hospital laboratories**
- **Research and university labs**
- **Pharmaceutical and biotech laboratories**
- **Storage of reagents and samples at -10 to -25°C**

Control

- Microprocessor control with LED digital display
- Adjustable range -25 to -10°C
- Controller password protection
- Start-delay function protects the unit after power returns
- Wide voltage tolerance, 187-242 V AC

Refrigeration and Insulation

- CFC-free R600a refrigerant
- High-density CFC-free urethane foam insulation
- Efficient refrigeration layout for fast cooling

Door and Storage

- Upright side door with built-in handle
- Limited door hinge to prevent collision
- 3 shelves and 4 drawers
- Alarms for high/low temperature, sensor error, power off, controller fault and door ajar

Standard Accessories Included

- 3 shelves
- 4 drawers

Optional Accessories

- Temperature data logger