Freezer Upright, 278L, Temperature -10℃ to -25℃

Model **MSLF25280WSWISS** | Brand **Master Science** | Unit **Pc**



Freezer Upright

The Freezer Upright / Biomedical Freezer (Model: MSLF25280WSWISS) is a vertical, high-performance freezer designed for biomedical applications. Below is a summary of its key features, safety functions, reliability, and specifications: Key Features: • Independent Inner Door: Helps minimize cooling loss and stabilizes internal temperature. • Upright Side Door: Features a built-in handle for easy opening and a hinge limiter to prevent door collisions.

KEY HIGHLIGHTS

- Independent Inner Door
- Upright Side Door
- Lockable Casters
- Alarms
- Power Failure Protection

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Overview

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Key Features

Independent Inner Door
Helps minimize cooling loss and stabilizes internal temperature.

Upright Side Door
Features a built-in handle for easy opening and a hinge limiter to prevent door collisions.

Lockable Casters
Allows easy mobility for customers.

SAFETY

Alarms
Equipped with alarms for high/low temperature, sensor errors, power failure, and door ajar, with both audible buzzing and visible flashing lights.

Power Failure Protection
A start-delay function protects against high currents during simultaneous restarts.

Controller Password Protection
Prevents unauthorized changes to the device's settings.

RELIABILITY

High-Density Insulation
The freezer is insulated with CFC-free urethane foam, ensuring stability in storage temperature.

Microprocessor Control
Allows adjustable temperature settings between -25°C and -10°C, displayed clearly on an LED or LCD digital screen.

Technical Specifications

PARAMETER	SPECIFICATION
Chamber Volume	278L
Power Supply	220V AC, 50/60Hz
Temperature Range	-10°C to -25°C, controlled by a microprocessor.
Dimensions (Internal)	480 x 415 x 1460 mm
Dimensions (External)	659 x 600 x 1694 mm
Dimensions (Cooling System)	Manual defrost with CFC-free R290 refrigerant.
Dimensions (Compressor)	Equipped with DONPERN compressor.
Dimensions (Number of Drawers)	7
Dimensions (Alarm Functions)	For high/low temperatures, sensor errors, and door ajar conditions.
Dimensions (Sound Emission)	Operates at 46 dB.
Dimensions (Weight)	Net weight 106 kg, gross weight 116 kg.
Wide Voltage Tolerance	Supports voltage ranges from 187V to 242V, ensuring operational stability.
Environmentally Friendly Refrigerant	Uses CFC-free refrigerant R290 for chemical stability and environmental safety.
Dimensions (Material)	Both internal and external components are made from electro-galvanized steel with an antimicrobial powder coating.

Standard Accessories Included

- 721 x 672 x 1860 mm.
- This freezer is designed to ensure optimal temperature control, safety, and reliability for sensitive biomedical materials.