Cooling Biological Incubator, 150L

Model **MSJDCC261ASWISS** | Brand **Master Science** | Unit **Pc**



Biological Cooling Incubator

The Cooling Biological Incubator is ideal for scientific research and production activities in environmental protection, epidemic prevention, drug testing, livestock, and aquatic industries. It provides a reliable thermostatic environment for water analysis, bacterial culture, microorganism conservation, plant cultivation, and breeding experiments.

Request a Quotation
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Overview

The Cooling Biological Incubator (Model: MSJDCC261ASWISS) has a capacity of 150 liters and operates with a forced convection circulation mode.

> This robust incubator offers precise temperature control, energy efficiency, and a user-centric design to cater to diverse biological and environmental research needs.

Safety Features

LEAKAGE PROTECTION DEVICE FOR OPERATOR AND EQUIPMENT SAFETY.

Self-diagnosis function displays fault information for quick troubleshooting.

DIGITAL INDEPENDENT TEMPERATURE LIMITER

Programmable temperature controller with optional USB, RS485/232, or built-in printer

DIMENSIONS

Internal dimensions are 550 mm (W) × 390 mm (D) × 800 mm (H).

External dimensions are 600 mm (W) × 630 mm (D) × 1460 mm (H).

Technical Specifications

GENERAL	
General	ShelvingThe unit includes three shelves for optimal storage and organization.
General	WeightThe net weight is 73 kg, and the gross weight is 115 kg.
General	Shipping DimensionsThe shipping dimensions are 730 mm (W) × 690 mm (D) × 1610 mm (H).
General	Temperature ControlThe temperature range is 0°C to 60°C, with a fluctuation of ±0.5°C, a resolution of 0.1°C, and a uniformity of ±1°C. The incubator features a PID controller and uses a PT100 sensor for precise temperature management.
General	Display and TimerIt is equipped with a high-definition LCD display and a timer with a range of 1 to 9999 minutes.
General	MaterialThe internal chamber is made of stainless steel for corrosion resistance, while the external surface is constructed with cold-rolled steel and an electrostatic spray finish.
General	RefrigerantThe incubator uses R134a refrigerant, which is CFC-free and environmentally friendly.
General	The incubator operates on AC 220/110V, 50/60Hz, with a power consumption of 900 watts.

ADDITIONAL INFORMATION	
Additional Information	Environmental research
Additional Information	Epidemic control
Additional Information	Drug testing and analysis
Additional Information	Cultivation and conservation of bacteria, mold, and microorganisms
Additional Information	Plant and breeding experiments
Additional Information	Energy-Saving Technology
Additional Information	Advanced synthetic silicone seals ensure effective heat retention.
Additional Information	Auto-adjusts control parameters based on ambient conditions to optimize energy use.
Additional Information	High-efficiency compressor for stable temperature control and low power consumption.
Additional Information	Intelligent Control
Additional Information	High-definition LCD display with real-time parameter updates.
Additional Information	User-friendly menu interface for quick temperature and time settings.
Additional Information	Internal Circulation System
Additional Information	Back suction and bottom forced convection design for uniform temperature distribution.
Additional Information	High-quality fans with large impellers enhance ventilation efficiency.
Additional Information	Laser-perforated shelves improve airflow and temperature uniformity.
Additional Information	Dedicated Construction
Additional Information	Adjustable shelves with a minimum spacing of 30mm.
Additional Information	Interior chamber made from brushed stainless steel for superior corrosion resistance.
Additional Information	Humanized Design
Additional Information	Built-in observation window for easy monitoring.