# 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. |