Cooling Biological Incubator

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.

KEY HIGHLIGHTS

- Additional Information

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

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Key Features

ENERGY-SAVING TECHNOLOGY

- Advanced synthetic silicone seals ensure effective heat retention.
- Auto-adjusts control parameters based on ambient conditions to optimize energy use.
- High-efficiency compressor for stable temperature control and low power consumption.

INTELLIGENT CONTROL

- High-definition LCD display with real-time parameter updates.
- User-friendly menu interface for quick temperature and time settings.

INTERNAL CIRCULATION SYSTEM

- Back suction and bottom forced convection design for uniform temperature distribution.
- High-quality fans with large impellers enhance ventilation efficiency.
- Laser-perforated shelves improve airflow and temperature uniformity.

ADJUSTABLE SHELVES WITH A MINIMUM SPACING OF 30MM.

- Interior chamber made from brushed stainless steel for superior corrosion resistance.

LEAKAGE PROTECTION DEVICE FOR OPERATOR AND EQUIPMENT SAFETY.

Self-diagnosis function displays fault information for quick troubleshooting.

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

Technical Specifications

PARAMETER	SPECIFICATION
Dimensions (Shelving)The unit includes three shelves for optimal storage and organization.	
WeightThe net weight is 73 kg, and the gross weight is 115 kg.	
Shipping DimensionsThe shipping dimensions are 730 mm (W) × 690 mm (D) × 1610 mm (H).	
Internal dimensions are 550 mm (W) × 390 mm (D) × 800 mm (H).	
External dimensions are 600 mm (W) × 630 mm (D) × 1460 mm (H).	
Dimensions (Temperature Control)The 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.	
Dimensions (Display and Timer)It is equipped with a high-definition LCD display and a timer with a range of 1 to 9999 minutes.	
Dimensions (Material)The 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.	
Dimensions (Refrigerant)The incubator uses R134a refrigerant, which is CFC-free and environmentally friendly.	
The incubator operates on AC 220/110V, 50/60Hz, with a power consumption of 900 watts.	

Applications

Environmental research

Epidemic control

Drug testing and analysis

Cultivation and conservation of bacteria, mold, and microorganisms

Plant and breeding experiments

Optional Accessories

- Test holes
- Internal socket
- Digital independent temperature limiter
- Programmable temperature controller with optional USB, RS485/232, or built-in printer
- Spare shelves