Dual Convection Oven, 138L

Model **MSDOFH140IISWISS** | Brand **Master Science** | Unit **Pc**

Drying Oven



Utilizes new synthetic silicone sealing for improved effectiveness, preventing heat loss effectively.

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

support@themsci.com
www.themsci.com

Scan to view online

Key Features

- Includes a built-in observation window for clear visibility of objects inside the chamber.
- The door handle features an anti-scalding design for easy opening and closing.
- Insulation material consists of high-quality aluminum silicate silk cotton, with a thickened insulation layer.
- The inner chamber is constructed from high-quality brushed stainless steel, ensuring strong corrosion resistance.

Technical Specifications

PARAMETER	SPECIFICATION
Capacity	138 liters
Circulation Mode	Forced / Natural convection
Internal Dimensions (W×D×H)	500 × 500 × 550 mm
External Dimensions (W×D×H)	780 × 690 × 800 mm
Temperature Range (°C)	RT+10 to 300
Temperature Fluctuation (°C)	±1
Temperature Resolution (°C)	0.1
Temperature Uniformity (°C)	≤Max. Temp. ±3.5
Sensor	PT100
Controller	Microcomputer
Material (Internal)	Mirror stainless steel

PARAMETER	SPECIFICATION
Material (External)High-quality thin steel plate	
Material (Shelves)5 pcs	
Electricity (Voltage / Frequency)AC 220V, 50 / 60Hz	
Electricity (Consumption (W))2500	
Electricity (Net Weight / Gross Weight (kg))75 / 97	
Over-temperature visible and audible alarm	
Leakage protector	
Spare temperature control	

Additional Information

ENERGY-SAVING
INTELLIGENT CONTROL
Features a large high-definition LCD display with intelligent PID control, providing real-time parameter monitoring.
INTERNAL CIRCULATION SYSTEM
Incorporates back suction and bottom forced convection mechanisms.
Equipped with a high-quality fan motor for enhanced ventilation efficiency and better temperature uniformity.

Standard Accessories Included

- 920 × 780 × 980 mm

Optional Accessories

- Spare shelf
- RS485 port
- Built-in printer
- Multi-segment programmable control
- Safety measures:
- Equipped with a leakage protection device to ensure operator safety and protect other equipment in the laboratory.
- Visible and audible alarm system for over-temperature control.
- Self-diagnosis function.

> Used for drying and constant temperature testing of various products, materials, electrical components, electronics, automobiles, aviation, and hardware tools under controlled temperature conditions.