

Dual Convection Oven, 138L



Dual Convection Oven

- **Energy-saving:**
 - Utilizes new synthetic silicone sealing for improved effectiveness, preventing heat loss effectively.
- **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.

- **Humanized design:**
 - 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.
- **Dedicated sheet metal processing:**
 - The inner chamber is constructed from high-quality brushed stainless steel, ensuring strong corrosion resistance.
- **Optional features:**
 - 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.
- **Application:**
 - Used for drying and constant temperature testing of various products, materials, electrical components, electronics, automobiles, aviation, and hardware tools under controlled temperature conditions.

Specifications:

- **Model:** MSDOFH140IISWISS
- **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
 - External: High-quality thin steel plate
- **Shelves:** 5 pcs
- **Safety Devices:**
 - Over-temperature visible and audible alarm
 - Leakage protector
 - Spare temperature control
- **Electricity:**
 - Voltage / Frequency: AC 220V, 50 / 60Hz
 - Consumption (W): 2500
- **Net Weight / Gross Weight (kg):** 75 / 97
- **Package Dimensions (W×D×H):** 920 × 780 × 980 mm