

**Product Name :**  
Hot Air Oven-Digital with Forced Air Circulation 250°C

**Product Code :**  
CHINAELABC5460003



**Description :**

Hot Air Oven-Digital with Forced Air Circulation - 250°C - S.S. Chamber 100 X 100 X 100

**Technical Specification :**

Double walled, inner chamber S.S.304, Outer CRC powder coated , 65 mm thick glass wool insulation , 80/20 nichrome heating elements placed under ribs at bottom and sides for uniform heat distribution Temp. Range. 50°C to 250°C , Auto tune Dual Display Digital, forced air circulation, Working on 230 Volts AC Single Phase.

**Salient Features :**

Internal circuit wiring as per CE Norms

65mm high density Glass wool insulation on all sides to offer minimum chamber heat loss

Oven is fitted with heating elements on all three sides, ensuring uniform temperature distribution throughout the working chamber

Sealed and enclosed heaters to working chamber for minimum heat loss

80/20 nichrome heating elements, ensuring long lasting and continuous heating within the chamber

Special heavy duty Stainless steel lock and door hinges with spring and roller mechanism

Stainless steel crimped wire mesh Shelves to withstand heavy load and to offer minimum resistance to air circulation for better heat distribution

Provision to add more shelves, as per requirement of test - Adjustable Shelves to place test samples or Glass wares of varying dimensions

Adjustable air ventilation mounted at top

Operation on 220/230 Volt, 50 Hz, Single phase, AC Supply

With built-in forced air circulation arrangement for uniform heat distribution inside the working chamber

Complete with pilot indicating lamps, 2 meter cord wire and power plug.

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Working size: 100 x 100 x 100 cm ( H x W x D)

Chamber volume: 1000 ltr.

No of trays: 03 Numbers

Rating: 2.5 KW

Outer Chamber: CRC - powder coated

Inner chamber: Made of Stainless Steel S.S. 304 mirror polished material.

Temperature Range: 50 °C to 250 °C

Exterior body: Made of mild steel material, which is powder coated in attractive shades

Insulation: 65mm high density Glass wool insulation on all sides to offer minimum chamber heat loss

Heating element Oven is fitted with heating elements on all three sides, ensuring uniform temperature distribution throughout the working chamber

Heater: Sealed and enclosed heaters to working chamber for minimum heat loss

Temperature Control: Microprocessor based Auto tune PID Digital temperature indicator cum controller

Heating element: 80/20 nichrome heating elements, ensuring long lasting and continuous heating within the chamber

Control Accuracy:  $\pm 1^{\circ}\text{C}$  or better

Door lock: Special heavy duty Stainless steel lock and door hinges with spring and roller mechanism

Shelves: S.S. crimped wire mesh Shelves to withstand heavy load and to offer minimum resistance to air circulation for better heat distribution

Other provisions: Provision to add more shelves, as per requirement of test Adjustable Shelves to place test samples or Glass ares of varying dimensions

Air ventilation: Adjustable air ventilation mounted at top

Forced Air circulation: With built in forced air circulation arrangement for uniform heat distribution inside the working chamber

Complete with: Complete with pilot indicating lamps, 2 meter cord wire and power plug.

Operation on: 220/230 Volt, 50 Hz, Single phase, AC Supply



**Engineering Lab China**