



HIGH TEMPERATURE OVEN-INNER S.S.-350°C-45X45X45-92 LITERS CAPACITY

Construction Details

IN THIS SYSTEM, THERE IS ONE PATH OF CIRCULATING HOT AIR BETWEEN THE INNER CHAMBER AND INSULATION. FORCED AIR MOVED BY THE MOTORISED BLOWER IS CALLED PERFECT SYSTEM. IT RESULTS IN MINIMUM TEMPERATURE VARIATION AT ANY GIVEN POINT IN WORKING SPACE.

1. Triple walled design for precise temperature control and excellent uniformity.
2. Heaters mounted in preheating chamber at sides of oven,
3. 100 mm thick insulation on all sides
4. Equipped With Digital Temperature controller and forced Air circulation System
5. Forced Air Moved By The Motorized Blower Is Called Perfect System. It Results In Minimum Temperature Variation At Any Given Point In Working Space.
6. Inner chamber made of Stainless Steel S.S - 304 Grade
7. Outer Chamber fabricated from mild steel material, which is Powder Coated in attractive shades.
8. Operated on 230 Volts, 50 Hz, AC, Single Phase, Power Supply



Technical Specification

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| • Chamber Size | : 45 x 45 x 45 cm (H x W x D) |
| • Chamber volume | : 92 Liters |
| • No. Of Shelves | : 02 Nos |
| • Rating | : 3.0 KW |
| • Outer Chamber | : Exterior body manufactured from Mild steel material powder coated in attractive shades |
| • Inner chamber | : Fabricated from Polished Stainless steel Material (S.S. 304 Material) |
| • Insulation | : About 100mm thick glass wool insulation |
| • Heater | : Heating elements placed at sides for uniform heat Distribution |

Corporate Office:

A-1301, BVR Ek, Opp. Hotel Inder Residency,
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Calibration Laboratory:

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GST TIN No. : 24AABCE4018L1ZU
I.T. PAN No. : AABCE 4018L
IEC No. : 0813026598 Dt. 04/03/2014
CIN No. : U29199GJ2004PTC045078
TAN No. : AHME00572F



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|-----------------------|---|
| • Temp. Range | : 100 °C - 350 °C |
| • Temp. control | : Microprocessor based Auto Tune Digital PID Temperature Indicator Cum Controller |
| • Temp Accuracy | : ± 1 °C or better |
| • Temp. Resolution | : ± 0.1 °C |
| • Temp display | : LED Display |
| • Temp sensor | : PT 100 probe |
| • Air ventilation | : Adjustable air ventilation mounted at top |
| • Operation | : Single Phase, 230 Volts, 50 Hz, AC Supply |
| • FAC | : With built in forced air circulation arrangement for uniform heat distribution inside the working chamber |
| • Standard Supply | : Perforated and adjustable S.S. trays, Pilot indicating lamps, ON/OFF switches, Cord wire and power plug. |
| • Shelves | : S.S crimped wire mesh Shelves to withstand heavy load and to offer minimum resistance to air circulation for better heat distribution |
| • Additional Features | : Provision to add more shelves, as per requirement of test Adjustable Shelves to place test samples or Glass wares of varying dimensions |

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