

Double walled, Inner chamber S.S. 304, Outer Mild Steel Powder Coated, 65mm thick glass wool insulation, Glass viewing window for test observation, Temp. range 5°C above ambient to 70°C 80/20 nichrome heating elements placed under ribs at bottom and sides for uniform heat distribution, Auto tune Dual Display. Digital temp. controller, forced air circulation, working on 230 V AC Single Phase.



Salient Features:

- Outer chamber of Mild Steel Powder Coated
- Inner chamber of S.S.304 - mirror polished
- Full length inner Glass door for test observation
- 65mm high density Glass wool insulation on all sides for minimum heat loss
- With heating elements on three sides, ensuring uniform temp. distribution throughout
- Sealed and enclosed heaters to working chamber for minimum heat loss
- Auto tune PID Digital indicator cum controller
- 80/20 nichrome heating elements, ensuring long lasting and continuous heating
- 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 minimum resistance to air circulation for better heat distribution
- Provision to add more shelves, as per requirement of test - Shelves adjustable to place test samples or Glassware of varying dimensions
- Adjustable air ventilation at top
- With forced air circulation arrangement for uniform temperature distribution.
- With Digital Controller & Forced air circulation
- Complete with pilot indicating lamps, 2 meter cord wire and power plug.

Note:

To get desired control accuracy @ 37°C it is essential to keep the Instrument in AC room.

Technical Specification	
Construction	Double walled
Inner chamber	Fabricated from Stainless Steel S.S. - 304 Material
Exterior body	Fabricated from Mild Steel material
Inner working size	45 x 45 x 45 cm (W x D x H)
Chamber volume	92 Liters
Thermal Insulation	High Density Glass wool Insulation of 65mm
Temperature Range	5 °C above ambient - 70 °C
Temperature Resolution	0.1 °C
Temperature Accuracy	± 0.5 °C or better
Temperature Uniformity	± 2 °C or better
Temperature Control	Microprocessor based PID Controller
Display	LED Display
Temperature sensor	High Quality PT-100 Sensor
Heating source	Nichrome Heating elements (Sealed & Enclosed heaters)
Heater watts	1.0 Kw
Blower	Forced air circulation for Uniformity
No. of trays	02 Nos
Observation	Glass observation window
Power Supply	230 Volts, 50 Hz, Single Phase, AC Supply
Overall Dimensions	630 X 800 X 790 (L X W X D) mm

Note: Specifications are subject to change.