



#### Features:

- Exterior body is fabricated from Mild Steel Material, which is powder coated in attractive shades.
- Interior chamber is fabricated from Mirror polished Stainless Steel S.S. - 304 Material
- Outer double walled metal door with sponge - type silicon gasket for air-tight sealing as to avoid leakage of chamber uniformity
- Electrical wiring as per CE Compliances - with individual numbering of each internal circuitry wire for ease of maintenance & Repairing
- Chamber illumination is accomplished by Fluorescent light with door switch.
- Cord wire duly tested and inspected with stress factor as per CE standard
- Electric Motor of blower located at the back side of unit, which is protected with safety cover to avoid accident
- Standard motor of reputed companies - such as CG, GODREJ or GE Make
- User friendly and tactfully designed chamber door and locking mechanism
- Aesthetic outer appearance and high quality
- Unit mounted on castor wheels for easy movement.
- Interchangeable S.S. tray with spring loaded S.S. Lotus clamps for holding Erlenmeyer flasks. (Supplied without flasks)
- Supplied complete with Digital Timer

#### Air Circulation:

Temperature is maintained by a quiet running blower for better air circulation throughout the chamber. Forced air circulated vertically down and re-circulated throughout the chamber for uniform temperature distribution.

#### Heating & Cooling System:

Long lasting U-Shaped tubular heaters used as heating element. Hermetically sealed compressor CFC free compressor (134 A gas) coupled with evaporation coil and condenser.

#### Pre-installation mandatory requirement: ( Guarantee void in case of non compliance):

An operator shall maintain Room temperature around machine preferably at 25 °C with air conditioning system or shall arrange for a well ventilated room with exhaust fan. However, surrounding temperature should not exceed 30 °C .

Stabilized Input Voltage of 230 Volt, 50 Hz, 20 Amps, AC Supply must be available for error less performance of the instrument. Use of Servo Controlled Stabilizer is recommended.

Note: Specifications are subject to change.

Technical Specification	
Construction	Double walled
Interior	S.S. 304 Grade mirror polished Stainless steel material
Exterior	CRC Powder Coated
Inner working size	450 x 575 x 575 mm (H x W x D)
Chamber volume	148 Liters
Thermal Insulation	PUF insulation to avoid thermal loss
Insulation thickness	75 mm
Temperature Range	5 °C to 60 °C
Temperature Resolution	0.1 °C
Temperature Accuracy	± 0.1 °C
Temperature Uniformity	± 0.2 °C
Temperature Control	Micro processor based Auto tune PID Controller
Temperature Display	LED Display
Temperature sensor	High quality PT 100 Sensor
Illumination	Fluorescent Tube light (Make : GELCO)
Fluorescent light watts	11 Watts
Heating source	U shaped S.S. Tubular heaters
Shaking	Achieved by PMDC motor with DC Drive
Motor RPM	50 -250 RPM (Shaking speed)
Motor speed display	Digital RPM Indicator (Shaking speed display)
Speed control	By Rotary Potentiometer
Shaking racks	16 flasks of 250 ml
Shaking racks material	Manufactured from polished stainless steel material S.S. 304 Grade
Blower	Forced Air circulation for uniform temperature distribution
Motor of Blower	Marathon/GE/Any other reputed make
Refrigeration	CFC free EMERSON compressor utilizing R 134a eco friendly refrigerant
Observation	Inner transparent acrylic door for quick viewing and retrieval
Door lock	Ergonomic and secured key lockable door lock
Feet On	Castor wheels (For easy mobility)
Electrical	230 Volt, 15A, 50 Hz, AC Supply

Note: Specifications are subject to change.