



PATEL

SCIENTIFIC INSTRUMENTS PVT LTD

ISO 9001 : 2015 & CE CERTIFIED COMPANY



CLIMATE CHAMBER

Work – Inner -Dimension	As Per Your Requirements
Temperature Range	-25°C to +100°C
Working Range	-20°C to +80°C
Temperature Accuracy	+ /- 2.0 ° C
Temperature Control	Microprocessor PID Controller
Power	230 V + / - 5%, 3 Phase Neutral 50 Hz at 15 Amp/Phase Stabilized AC supply
Construction	Double Wall Type with
Interior	22 Swg Stainless Steel
Exterior	20 Swg Stainless Steel
Insulation	75 mm Puff Insulation
Door	Full front opening door double walled insulated and interior lined with stainless steel
Gasket	Double gasket one on chamber and one on the door
Hinges and Latches	Heavy duty hinges with locking system
Mounting	Trolley mounting type with castors

Specifications

- **Air-Circulation System** : 1/20 Hp capacity continuous rated 230 Volts, single phase AC operated motor along with 5" dia impeller has been provided for uniform temperature and inside the chamber.
- **Heating System** : Low surface loading inconel tube heaters having capacity 500 watts-2 nos. Has been provided to add heat inside the chamber. All the heaters are mounted in the conditioning space and will operate in the black zone.
- **Cooling System** : CFC Free Copeland compressor utilizing R134 ecofriendly refrigerant. Emerson make compressor.
- **Control Panel And Wiring** : Separate control panel provided on the top of the chamber which incorporate all the indicating and monitoring instruments with control switches, MCB'S , SSR, indicating lamps etc. All the wiring will be done as per IS color code with channel type wiring.

MFG OF LABORATORY, SCIENTIFIC & HOSPITAL INSTRUMENTS