



STABILITY CHAMBER

IT IS DESIGNED TO SATISFY DEMANDING ENVIRONMENTAL TESTING REQUIREMENTS WITH EXCEPTIONAL TEMPERATURE AND HUMIDITY CONTROL



GRAPHIC LCD

7 INCHES LCD
WITH TOUCH SCREEN

REAL TIME PRINTER

INTERVALS CAN BE SELECTED
FOR PRINTING

BUILD IN DATA LOGGER

FOR STORAGE OF TEMPERATURE
& HUMIDITY WITH TIME & DATE
IT CAN STORE ABOUT 600
SET OF RECORDS

ONLINE OPERATIONS

IT CAN ALSO BE OPERATED
ONLINE BY LOGGING IN FROM
YOUR PC OR OTHER DEVICES

About:

- Pre-fabricated doubled walled modular panels with PUF insulation
- Inside Stainless Steel and walls
- Floor panels having extra reinforcement to sustain the sample load inside the chamber
- Heavy-duty door hinges and latches to maintain a secure and uniform seal
- Racks & trays made up of GI pre coated with adjustable height
- Humidity system with evaporation tray and reservoir tank with water level arrangement
- Plc control system with touch screen display coloured screen – 7" HMI with Ethernet
- Web based online monitoring
- Works on 220V AC single phase 50Hz

Additional Functions:

Smart air distribution system

- A separate supply and return duct for ensuring uniformity of set conditions

Efficient water management system

- Built-in water recirculation system which saves 95% of water consumption
- Reduction in water cost

Safety & Alarms

- Safety controller sensor to cut off the supply in case of overshoot and undershoot of Temperature and Humidity giving audio visual alarm
- Low water level alarms
- Door opening alarms
- All the alarms are events are logged in the software

SPECIFICATIONS:

Standard Model(S) : Inside & outside mild steel powder coated

Temperature Range : -20°C to -60°C

Temperature Accuracy : $\pm 0.5^{\circ}\text{C}$

Temp Uniformity : $\pm 1^{\circ}\text{C}$

Humidity Range : 35% to 75% RH

Humidity Accuracy : $\pm 2\%$ RH

Humidity Uniformity : $\pm 3\%$ RH

