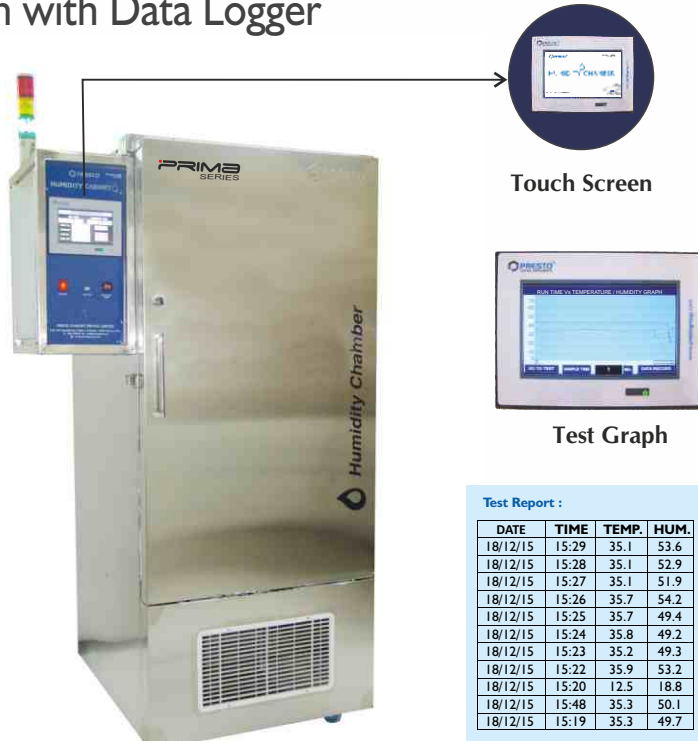


Humidity Chamber / Conditioning Chamber - PRIMA SERIES

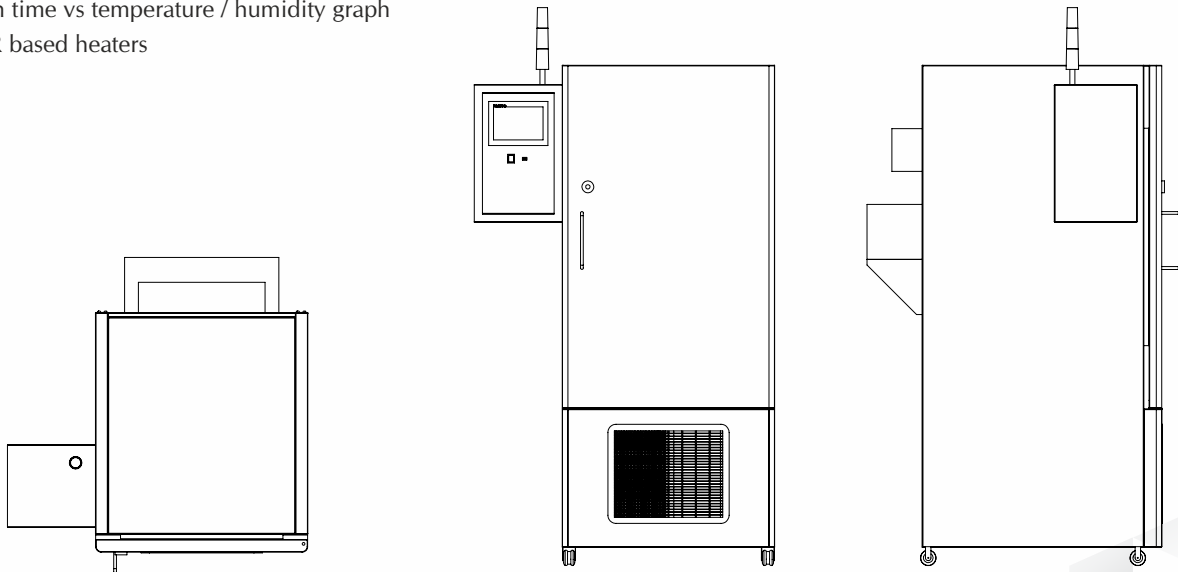
Touch Screen with Data Logger



Model no. PCC-900 Prima

Humidity/Conditioning Chamber Prima is a unique test cabinet designed to create temperature and relative humidity inside the chamber to detect the change in the physical characteristics of material and to ascertain the actual working life of testing device. PRESTO humidity chamber is designed as per standards ASTM D1776, ASTM D1776M-15, BS950 Part-1 (D65).

- Temperature sensing through PT-100 sensor
- Highly accurate test results under uniform temperatures and humidity levels in the chamber
- PLC Control for Humidity and Temperature
- High Grade imported PUF insulation
- Maximum Thermal Efficiency by insulation means.
- Real Time Data recording with temperature and humidity
- USB option available for storing test data
- Run time vs temperature / humidity graph
- SSR based heaters



Top View

Front View

Side View

Equipped with CFC free refrigerants and air cooled compressors, the instrument performs conditioning procedures required in various industries. The Humidity Chamber comes with aerodynamically shaped fans for maintaining heating, cooling, humidification and dehumidification efficiency and provides environmental simulations.

Key Specifications:

Inside Dimension	455 x 455 x 710 mm
Display	HMI Based Touch Screen
Accuracy	Temp. $\pm 2^{\circ}\text{C}$ / Humidity $\pm 5\%$
Least Count/Resolution Temp / Humidity	0.1 $^{\circ}\text{C}$ / 1%
Power	15A, 220V, Single phase, 50 Hz
Temperature Range	15 $^{\circ}\text{C}$ to 60 $^{\circ}\text{C}$
Humidity Range	upto to 95%RH
Timer	9999 Hr
Water Level Low	Alarm output
Communication port	USB

Feature :

- In built Auto tuning function
- Water Level Indicator
- Equipped with rapid air circulation German imported fan for uniform and homogenous heating , cooling, humidity, de-humidity inside the chamber
- Inbuilt Calibration feature
- Auto stop feature to stop machine at set time

Optional :

- Other capacities / sizes also Available.

Highlights:

Tower Lamp (optional)	3 Identification lights (Red, Yellow, Green)
No. of Sample racks	2
Handle	Yes
Wet Heater	1 Kw, 1 no.
Dry Heater	500 Watt, 1 no.
Temperature Sensor	1 (PT-100)
Humidity Sensor	1 (RH)
Movement	Castor Wheels
Material	Exterior and Interior Stainless Steel
Finish	Stain Steel matt finish for corrosion resistance

Thank you customers for choosing us as your partners in growth !



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