



## Humidity Chamber / Conditioning Chamber - **PRIMA** SERIES

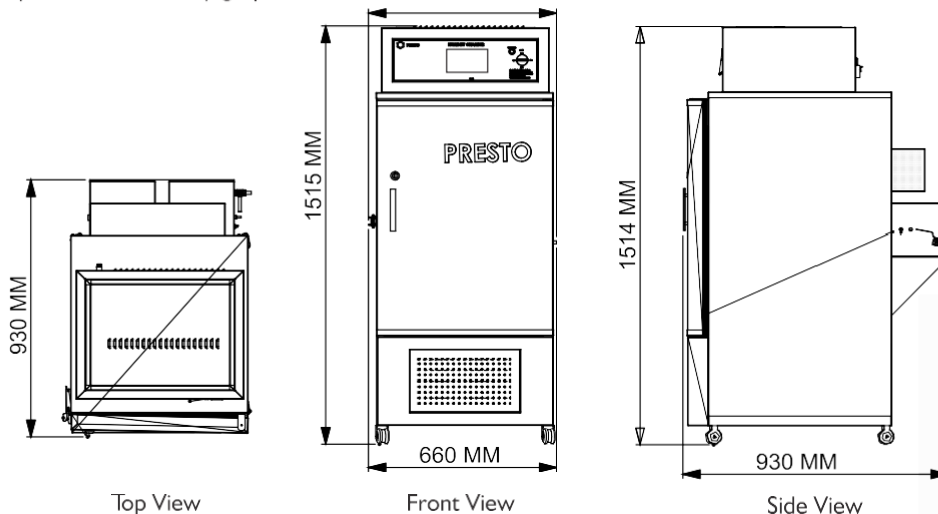
### Touch Screen with Data Logger



#### Model no. PCC-800 Prima

**Humidity/Conditioning Chamber** 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.
- SSR based heaters
- Real Time Data recording with temperature and humidity
- USB option available for storing test data
- Run time vs temperature / humidity graph





# Presto Stantest Pvt. Ltd.

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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:

Capacity	150 litres
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 55 $^{\circ}\text{C}$
Humidity Range	65~95% Rh
Timer	999Hr
Water Level Low	Alarm output

### 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:

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 resistant
Dimensions	Inner : 455 x 455 x 710 mm Outer : 660 x 930 x 1515 mm

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