



Humidity Chamber / Conditioning Chamber - **PRIMA** SERIES Touch Screen with Data Logger



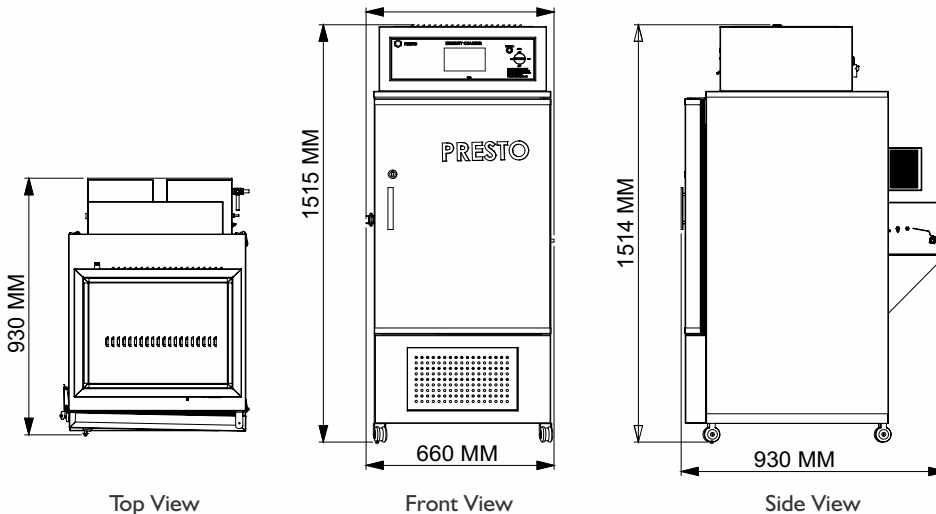
Test Report :

DATE	TIME	TEMP.	HUM.
18/12/15	15:29	35.1	53.6
18/12/15	15:28	35.1	52.9
18/12/15	15:27	35.1	51.9
18/12/15	15:26	35.7	54.2
18/12/15	15:25	35.7	49.4
18/12/15	15:24	35.8	49.2
18/12/15	15:23	35.2	49.3
18/12/15	15:22	35.9	53.2
18/12/15	15:20	12.5	18.8
18/12/15	15:48	35.3	50.1
18/12/15	15:19	35.3	49.7

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





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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 60 $^{\circ}\text{C}$
Humidity Range	upto to 95%RH
Timer	999 Hr
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

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



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OUR OTHER PRODUCTS :-

					
Hot Air Oven Prima	Humidity Chamber	Paint Impact Tester Direct / In-direct	Salt Spray Chamber Korrox - III	Scratch Hardness Tester Motorised	Tensile Testing Machine

