

Environment Chamber

Programmable Temperature & Humidity Test



PTH 225

Programmable Temperature & Humidity Test Chamber PTH225 is designed to create targeted environment/climatic conditions meant to test materials, components, and products for reliability and endurance

The chambers comply to most common standards for a variety of industrial and medical products.

Commonly tested components include electronic gadgets, home appliances, batteries, plastics, polymers, F&B-Packages, paper products, automobiles, automobile components, metals, building materials, consumer-durables, defence-eqpt., aerospace, etc.



The equipment facilitates programming of a test cycle with pre-defined steps of rise & fall of temperature and humidity wrt time. Colour touch screen control enables easy setting of program cycle and clear visibility of real time values. Two standard trays are provided in the chamber for placement of samples. Components used are of reputed makes, ensuring long life.

Technical Specification:

Internal space	WxDxH= 600x500x750mm, 225 Lit.
Temperature range	-40°C ~ +150°C
Temperature uniformity	±2°C (empty chamber)
Temperature fluctuation	±1°C (empty chamber)
Humidity range	20% ~ 98%RH
Humidity uniformity	±3 %RH
Humidity fluctuation	±2%
Cooling Ramp rate	0.7~1.0°C/min
Heating Ramp rate	1.0~3.0°C/min
Temp. cycle graph	Display on touchscreen
Cycle program	Max. 999 cycles
Communication	USB

Structure:

Control	Touchscreen
Temperature Sensor	PT100
Compressor make	Tecumseh or similar
Port Holes for external power	1 X 50 mm dia
Materials	Internal: SUS304 stainless steel Insulation: PU foam, External: SUS304 SS
External Dimensions	1200mmx1100mmx1900mm approx.
Power supply	220VAC 50Hz

- Note:**
1. Other sizes and configurations are available on request
 2. Thermal Shock test chambers available on request

- Specifications are subject to change without notice, due to ongoing product improvement

Head Office : **Presto Stantest Private Limited**

i-42, DLF Industrial Area Phase-I, Delhi Mathura Road, Faridabad 121003, Haryana, India
P : +91 129 4272727 E : info@prestogroup.com

Branches : **Mumbai**
503-504B, Fair link Centre, Opp. Fame Adlab Behind Mongini's Off Link Road Andheri (West), Mumbai 400058
P : +91 022 42957052, 42957053
E : west@prestogroup.com

Kolkata
93, 3rd Floor, Karnani Estate 209, A.J.C. Bose Road Kolkata-700017. West Bengal
P : +91 033 40612012
E : east@prestogroup.com

Chennai
A-3, First Floor, Sri Sathya Sai Building 755, Poonamallee High Road, Kilpauk Chennai- 600 010. Tamil Nadu
P : +91 044 43865260, 43838372
E : south@prestogroup.com

