

Humidity Chambers / Conditioning Chambers

The Humidity Chamber is one of the most frequently used testing machines. It has applications in various segments and usage varies from material to material.

The humidity chamber is also known as a conditioning chamber as it conditions the environment of the internal chamber as per the needs of the user. Once a sample is placed inside the chamber the reaction and changes in the sample properties are observed before and after the test. Accordingly the manufactures improve the quality of the sample depending upon the test results

The Humidity Chamber provides a humidity to which the materials might be exposed to in industrial environment

To ensure durability of the products developed by the manufacturers, the Testronix Humidity Chamber is a must. This instrument is easy to use and can be customized as per the requirement of the user. The instrument has a digital LED display which helps the user in setting the test parameters easily.

The instrument adheres to international test standards such as **Standards ASTM D1776 / D1776M – 15 & BS 950 Part 1 (D 65)**



Features-

- Temperature controls through PT-100 sensor
- Alarm system with buzz sound at test's end-process
- Highly accurate test results under uniform temperatures and humidity levels in the chamber
- Digital Control for Humidity and Temperature
- High Grade imported Glass Wool insulation
- Maximum Thermal Efficiency by insulation means.
- Digital Preset timer with LED Display
- Water Level Indicator
- Inbuilt Calibration features with reference to master PID controller
- Setting to RTD PT-100 sensor through advanced PID controller

Specification-

- Shelves: 2 no. SS Shelves
- Timer: 999 min (Changeable to Hrs).
- Temperature range: Ambient to 65°C
- Humidity Chamber: Ambient to 95%RH
- Accuracy: $\pm 2^{\circ}\text{C}$
- Inner Side: Stainless Steel
- Outside: – Mild Steel duly Powder coated
- Viewing: Viewing glass incorporated into visual examination of sample
- Dimensions: Inner : 455 x 455 x 710 mm & Outer : 660 x 930 x 1515 mm

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