

## HUMIDITY CABINET (Environmental test Chamber) Stability Chamber

This is a versatile unit for conducting quality control tests under controlled conditions of temperature and humidity. Atmospheric- climatic- conditions are created within the chamber to perform different experiments without going on to the field.

Double walled construction, outer body made of G.I. sheet, inner chamber made with 304 quality Stainless steel sheet. Temperature range 5°C to 60°C. Accuracy  $\pm 0.5^\circ\text{C}$ . Temperature-humidity controlled by digital display temperature controller (dry bulb and wet bulb method). Humidity range 40% to 95% RH, accuracy  $\pm 3\%$ . Humidity is created by steam generator fitted at the bottom of the unit, provided with water level cut – off and audio visual alarm. Supplied with Aluminum anodized relative humidity chart.

Water level cut-off system and water level control also incorporated in this unit.

Special micro processor based controller of programmable (99 programs and each program wit 20 steps) Temp: and humidity controlled with soak and ramp setting on time based intervals with different steps, and day/night conditions by illumination control. This controller can be incorporated with this unit. This controller can be incorporated with this unit. This controller has the facility of RS. 232 computer interface to save and take print out of temp: and humidity in regular intervals.

*Suitable voltage stabilizer is to be used to protect the equipment from voltage fluctuation. Non use of stabilizer will render the warranty of the equipment invalid. Stabilizer rating: - 3 K.V.A. for 110 Ltr. and 175 Ltr. 4 K.V.A. for 280 Ltr. and 340 Ltr.*



Cat. No.	Capacity	Chamber Size(Approx.) in cm
PHC - 4	110 ltr.	45 x 45 x 60
PHC - 6	175 ltr.	50 x 45 x 80.
PHC - 10	280 ltr	60 x 55 x 90
PHC - 12	340 ltr.	60 x 60 x 90

**Optional accessories** can be incorporated in the equipment on extra cost

0 - 24 hrs. Digital cyclic timer for illumination control

Illumination CFL or Fluorescent tube two nos

45cms 15 watts UV tube one

**Micro processor controlled programmable Temp: and Humidity controller**

**with RS 232 interface to take print out of temp. and humidity in regular intervals Stainless steel outer body can be supplied at an extra cost.**

Stabilizer can be supplied on extra cost.