MODEL NO.: YSI-455

YSI ENVIRONMENTAL TEST CHAMBER

Salient Features :

- Non volatile memory for data storage of upto 2500 records .
- User friendly Microprocessor Design/Operation.
- Audio Visual alarm warnings to Temp. & RH variation and low water level.
- Capacitance type humidity sensor for direct display of humidity in % RH.
- Built in safety circuit, which cuts off system & stops unit in case of malfunction of Microprocessor.
- RS-232 Port (interface) for keeping hard copy of temperature Humidity, Time & Data .
- High voltage safety cutoff for unit protection Adjustable print interval with printer (Optional) General : Elegantly designed double walled cabinet to provide controlled atmosphere by varying Temp. and relative Humidity values above freezing point for conducting various R & D tests eg, Plant & Animal growth test, pharmaceutical tablet stability test, determination of dielectric test, Packed material vapour test, Insulation test of electrical component. Inner Chamber made of S.S.-304 grade thick sheets and outer wall is of thick cold rolled steel duly pretreated and powder coated. A heavy door with a see through window is also provided. Temp. range from 10 to 60°C ± 1°C and Rel. Humidity 40% to 95% ± 3% is controlled with Microprocessor based programmable Controller cum Indicator for displaying Temp in C°. & Humidity in %age directly. Heater take care of temp. above ambient where as hermetically sealed compressor of reupted make such as Tecumesh/Emersion etc. which is using Environment friendly CFC free refrigerant maintains below ambient and the unit is PUF insulated, where as humidity is created by natural mist through Steam generation.

Inner Chamber:

W	x	H	x	D
455	x	710	x	455 mm
605	x	605	x	605 mm
605	x	910	x	605 mm

Option a /Accessories :

- RS-232 interface for humidity control through personal & for multiple networking of chambers.
- Chamber illumination with fluorescent or ultra violet lights
- Cyclic timer for regulating illumination conditions.
- Voltage Stabilizer..... 3 KVA, 4 KVA.

TEMPERATURE CONTROL