

HUMIDITY/STABILITY CHAMBER



Manufacturer of
**Life Science Research
Equipments**



GeM
Government
e Marketplace



EPS Humidity / Stability Chambers are widely used for controlling and monitoring the humidity level of the testing process. Our products are fabricated using the optical raw material procured from the reliable vendors of the market. The standard models are available from 100 litres to 5000 litres capacities.

Applications

- Drug storage in pharmaceutical industry
- Circuit board testing in the electronics industry
- Paper testing in the Paper industry

Constructions

- Inner chamber made up Stainless Steel(SS - 304)
- Outer chamber made up of Mild Steel(MS) powder coated for corrosive resistance
- Trays are made up of SS Material
- Double walled construction with mineral or glass wool insulation
- Shelves: Stainless steel Shelves removable

Salient Features

- Temperature & Humidity Control:- Micro processor Digital Controller
- Temperature range from 10°C to 60°C & Humidity Range from 30% to 95%
- Machine filled with mineral or glass wool insulation to eliminate void pockets
- Adjustable trays
- Overload cut off relay for compressor
- Rounded inner chamber for easy cleaning
- Powerful fan motor for forced air circulation to maintain temperature and humidity

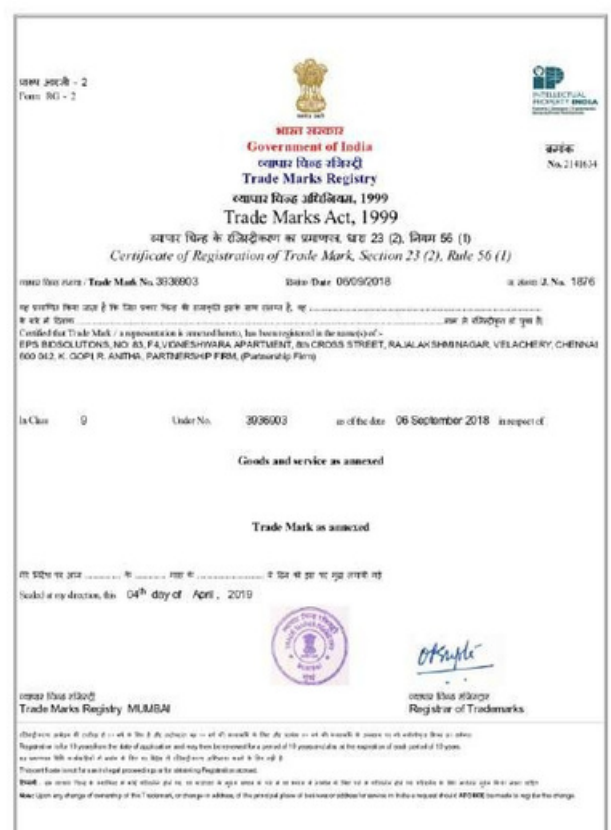
Optional

- Full Chamber Construction with Stainless Steel(Inner/Outer)
- Validation protocol with IQ, OQ, PQ Documentation



Technical Specifications & Ordering Information:

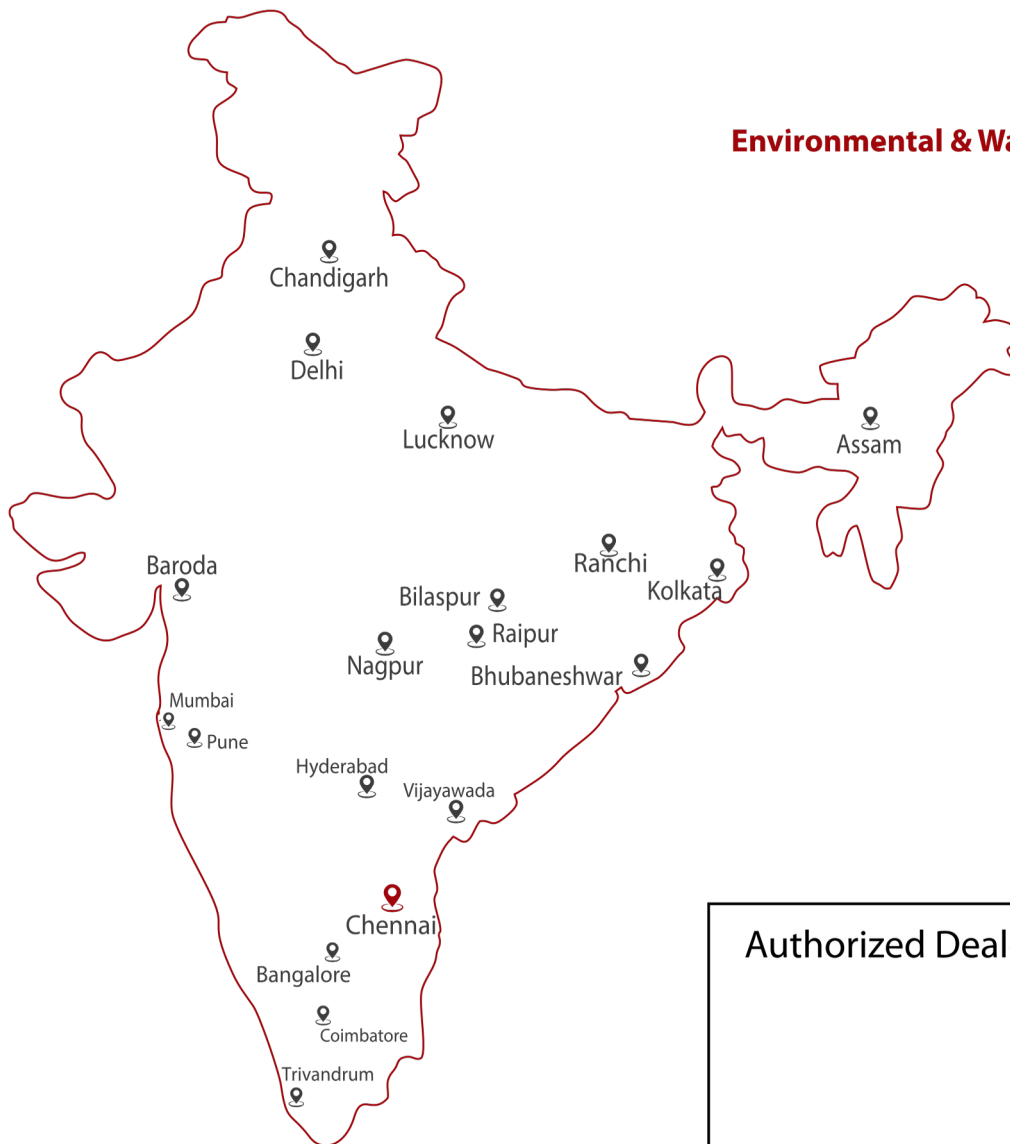
HUMIDITY	EPS/HC- 200	EPS/HC-270	EPS/HC-350	EPS/HC-430	EPS/HC-630	EPS/HC-800
STABILITY	EPS/SC-200	EPS/SC-270	EPS/SC-350	EPS/SC-430	EPS/SC-630	EPS/SC-800
Dimension (mm)	550X550X710	600X600X710	650X650X810	650X650X950	710X710X1250	800X800X1250
Volume Litre	200	270	350	430	630	800
Type	Vertical, Floor Type					
Temperature Range	+10°C to +55°C					
Humidity Range	35% to 95% RH					
Sensor for	Pt100, RTD, Class-A					
Sensor for Humidity	Capacitive type Rh sensor					
Humidity System	Direct detective method					
Controller	Digital PID humidity cum temp. controller with resolution of 0.1°C & 0.1%					
Uniformity	±1°C & ±3%Rh					
Wet Dry Heaters	SS industrial heaters					
Temperature	Forced air circulation with fan motor					
Humidity unit	Inner Streaming unit, water line & controlling unit will be outside.					
Outer	MS with powder coated					
Inner	SS 304, duly polished					
Insulation	Super fine glass mineral wool					
Door	Double walled insulated & interior lined with SS 304, silicon gaskets for leak proof					
Window	5mm thick vacuum glass window with illumination lamp.					
Trays	Adjustable type SS mesh tray					
Compressor	Hermetically sealed single stage Emerson Copeland make compressor.					
Refrigerant	Environmental/CFC free					
Condenser	Air cooled Fin & Tube type					
Power Supply	230v, Single phase, 50Hz					



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