

STABILITY/ HUMIDITY CHAMBER



The **STABILITY CHAMBER** maintains adequate temperature and humidity and checks the behavior of the product under different conditions. The chamber supports products to see their response to different climatic conditions and helps scientists to determine the causes for change under altering environmental exposure.

Parameter	Temperature	Humidity
Range	10°C to 60°C	40%RH to 90%RH
Accuracy	±0.2°C	± 2.0 %

STANDARD EQUIPMENT FEATURES

- **Standard Models**
- Inside S.S. 304 with mirror polish & outside mild steel powder coated.
- **GMP Models**
- Inside S.S. 304 with mirror polish & outside stainless steel 304 with the dull buff finish.
- Inner Full Viewing glass door and Outer door insulated with lock and key arrangement. Inner and outer are sealed by silicon sponge rubber gasket.
- Double walled PUF insulation 70 MM modular panel.
- **PID based controller.**
- High quality temperature and humidity sensors.
- Compressor hermetically sealed compressor charged with CFC free refrigerant, complete with air cooled condenser.
- Boiler Tank is made of Stainless Steel.
- Long lasting (S.S) tubular fin type heating elements SS.
- Forced air circulation for uniform temperature & humidity.
- Perforated/Mesh type stainless steel (SS 304).
- PU Castor wheel for easy move ability.
- Interior illumination for working area.
- **Safety devices** : Low temperature cut-off settable thermostats
- Audio/Visual alarms for deviations.
- Mains supply 230V AC, 50Hz Single phase.
- IQ, OQ, PQ & SOP Along with Traceability.

ORDERING INFORMATION FOR STD / GMP MODELS:

CAT. NO.		Capacity Ltrs.	Cu Ft.	Internal Dimensions W x D x H (cm)	No of Trays
SC/MS 0090	SC/SS 0090	90	3	45 x 45 x 45	2
SC/MS 0120	SC/SS 0120	120	4	45 x 45 x 60	2
SC/MS 0150	SC/SS 0150	150	5	50 x 50 x 60	3
SC/MS 0175	SC/SS 0175	175	6	50 x 50 x 70	3
SC/MS 0200	SC/SS 0200	200	7	60 x 60 x 60	3
SC/MS 0227	SC/SS 0227	227	8	60 x 63 x 60	3
SC/MS 0270	SC/SS 0270	270	9	55 x 55 x 90	3
SC/MS 0324	SC/SS 0324	324	12	60 x 60 x 90	3
SC/MS 0400	SC/SS 0400	400	14	60 x 63 x 106	4
SC/MS 0450	SC/SS 0450	450	16	60 x 60 x 125	4
SC/MS 0500	SC/SS 0500	500	18	60 x 63 x 132	4
SC/MS 0550	SC/SS 0550	550	20	65 x 65 x 130	4
SC/MS 0600	SC/SS 0600	600	28	80 x 80 x 95	4
SC/MS 0800	SC/SS 0800	800	24	80 x 80 x 125	4
SC/MS 1000	SC/SS 1000	1000	35	80 x 80 x 157	5

SAFETY FEATURES:

- Redundant high temperature safety system with Alarm & safety Thermostat automatically cuts - off power to heaters if temperature exceeds 70 °C
- Inbuilt Overload protection relay for compressor
- Compressor ON delay timer, to safe guard the compressor.

OPTIONAL ACCESSORIES:

- Stand by refrigeration system (Except for 90 Liters.).
- Electronic Digital Timer Range from 0 to 999 Minutes
- PC / Printer Interface.
- Scanner with 4 point temperature and sensors and printer interface.
- Servo Controlled Voltage Stabilizer.
- 21 CFR part 11 compliant software.

HSN Code – 8419 8960 GST % - 18 %