Environmental Chamber

ESTD. 1958

NSW-178-SC
STABILITY CHAMBER

The purpose of stability testing is to provide evidence on how the quality of a drug substance or drug product varies with time under the influence of a variety of environmental factors such as temperature, humidity, and light, and to establish a re-test period for the drug substance or product under recommended storage conditions.
Hence, Pharmaceutical Stability
Chamber serves as an important quality attribute for the product.

NSW-178-SC

CONSTRUCTION
- Double walled construction
- Interior made of stainless steel 304 qlty.
- Exterior made of mild steel painted in epoxy powder coating
- Insulation of 63mm by puff.
- The door having window and rubber gasket with wiper

TEMPERATURE & HUMIDITY
- Temperature from 10°C to 60°C ± 2°C
- Humidity 55% to 95% ± 5%
- Controlled by an automatic Microporcessed Electronic Controller with digital display of temperature and humidity.
- Hermetically sealed Compressor (CFC Free) CFC free refrigerants.
- Two water tank of stainless steel 304 qlty.
- Humidity inside the chamber is created by natural mist through heat, vapor.
- With suitable automatic voltage stabilizer.
- Extra water storage for the long life of heating element fitted at the back wall of chamber.

MODEL	CU. FT	SIZE (MM) W D H	LTRS
SC-4	16 CU.FT	600 x 600 x 1200	448
SC-5	19 CU.FT	600 x 650 x 1350	546
SC-6	28 CU.FT	800 x 800 x 1200	796
SC-7	38 CU.FT	800 x 800 x 1600	1045
SC-8	56 CU.FT	800 x 800 x 1800	1210
SC-9	56 CU.FT	1400 x 800 x 1350	1500
SC-10	70 CU.FT	1600 x 800 x 1570	2000

OPTIONAL:
- Data is collected in printed format may be through micro PLC & PID Controller with PC interface with 21CFR Software 8/16 channel Mapping, Password protected door locking to cost extra.
- Performance Qualification with Temperature Mapping to cost extra.
- The performance Validation Test consists of one cycle at any one temperature point for an 8 – hour period.