

I attached the quotation for the same and I am waiting for your order confirmation pls.

Humidity chamber

Whether Your testing is for R&D, clinical trials or Ongoing stability, "SANDY" stability chamber provides a stable temperature & humidity condition environment for worry-free operations with a control system that is easy to operate. "SANDY" stability chamber is designed and manufactured to comply with requirements in the industries. Stability testing is an integral part of formulation development. It helps to generate information, which permits well-considered proposals to be made for the shelf life of drug substances and products and recommended storage condition.

The Purpose of stability testing is to provide evidence on how the quality of a drug substance or drug product varied 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.

Standard model: Humidity Chamber:-

- Temperature Range - + 10 to 60 ° C.
- Temperature accuracy - ± 0.5 ° C.
- Temperature uniformity- ± 2 ° C.
- Humidity Range uniformity- 40% to 95% Rh.
- Humidity Accuracy- ± 2 % Rh.
- Humidity uniformity- ± 3 % Rh.
- Acrylic door With a Gasket to observe the sample inside the chamber.
- Interior Illumination for working area.

Construction

Double walled construction Interior made of thick gauge of 304L stainless steel sheets with mirror finished and exterior made of 18 kg thick sheet of Mild steel powder coating. Inner space in between the walls is packed with special grade glass wool. The door is double walled having toughened Acrylic window and seals against atmospheric infiltration by silicon rubber gasket. Motorized blower is fitted at the backside of the chamber.

The unit is provided with an adjustable stainless steel rod mesh tray. The equipment is mounted on caster wheels for easy movement.

Technical specification:

Controlling system:

Microprocessors based auto tune PID controller with CE mark & dual display of set value & process value for temperature and humidity with direct % Rh.

Air circulation:

The motorized Blower at the backside of the chamber develops a unique air flow system which ensures max. Uniform temperature & humidity condition inside of the chamber.

Heating system:

High – quality U shape S.S. tubular heater is used for better heating.

Humidity system:

Steam injection system (Non- condensing type) & reservoir tank with water level arrangement with indicator.

Refrigeration system:

Condensing Units CFC free hermetically sealed Emerson Copeland make compressor for better cooling with R134 (Eco friendly) Refrigerant with a time delay to safe guard compressor system.

Chamber standard size:	Trays
450mm*450mm*500mm(4 Cu.Ft) 95 litres	2
500mm*500mm*700mm(6 Cu.Ft) 180 litres	2
550*550*900mm(10cu.ft)300 litres	3
600mm*600mm*600mm(12 Cu.Ft)360 litres	3

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Payment terms:

- Terms of payment** : 60% Advance with Proforma Invoice & 20% on Against delivery and 20 % on Installation done .
- Taxes** : GST @ 18% Extra.
- Freight (Transport by road):** Actual Extra
- Packing:** Extra.
- Installation:** Free
- System Warranty:** The systems manufactured by sandy are warranted for 12 months. However, the warranty does not cover the cost of consumables and freight for transportation of items.
- Validity:** 30 days from the date of offer .
- Loading Material is free from our site and Unloading material is customer scope only.

Prices: The above quoted prices are Ex-works, our factory, Chennai, India.

GST NO: 33BFMPK4545N1Z0

Sandy scientific Instrument & Co

Mfg. Scientific Laboratory Products & Services

No 33A, 2nd cross st, Thendral nagar, 4th st
Selaivayal Chennai -51, Tamilnadu.

Delivery: **FOUR** weeks from the date of receipt of advance payment.

Validity: **Thirty** days from the date hereof and will be subject to our written confirmation thereafter.

Note: The order to be placed in favor of “**sandy scientific instruments & co,**” No.33A, 2nd st Thendral nagar, 4th street, Selaivayal, Chennai-51.

Thanking You,

(Kripakaran.v)

Managing Director

Sandy scientific Instrument & Co

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