



Corrosion Test Chamber

Corrosion test chamber is one of the widely used lab testing equipment that has been made to test the corrosion resistance properties of surface coatings. The salt spray test conducted with the help of this lab testing equipment will help the manufacturers to make sure that quality products will be delivered to the customers with ease. This testing instrument has been made in accordance with industry standards that include ASTM B117 and JIS Z 2371. This makes it easy for the product manufacturers to accurately determine the corrosion-resistance properties of the surface coatings and make sure that the right products will be delivered to the customers.

This test chamber will produce the salt mist, where the product manufacturers can place the materials, which needed to be tested. When these materials will be exposed to a salt-laden environment, generated in this corrosion test chamber, then users can easily test their product's corrosion resistance properties.

This high-quality lab testing instrument has been made with a high-quality stainless steel chamber with inbuilt temperature settings.

MODEL NO. TX- SST D





FEATURES

- Inbuilt temperature settings
- Construction: FRP Material
- Latest Technology Atomiser Timer
- Chamber Canopy/ Hood Angle as per ASTM B117
- Sample viewing window
- Salt Spray Test feature to enable parameters according to test sample
- Temperature and timer functions inbuilt to set all test parameters accurately
- Less maintenance and easy to operate model
- Robust Construction with FRP Body to withstand extreme temperatures and extreme corrosive environment
- FRP Corrosion resistant body as per ASTM B117
- Simple placement of samples
- User can control PID settings through Advanced Hysteresis setting
- Angle of Canopy maintained in order to restrict flow of droplets directly on the test sample as per ASTM B117 standards

SPECIFICATION

Test Chamber Temperature Range	35°C
Chamber Temperature Least Count	0.1°C
Chamber Temperature Repeatability	Uniformity $\pm 2^\circ\text{C}$
Air Saturator Temperature Range	Upto 50°C
Air Saturator Temperature Least Count	0.1°C
Air Saturator Temperature Repeatability	$\pm 1^\circ\text{C}$
pH value of Salt Solution	6.5 to 7.2 pH
Timer	Upto 99999 Hours
Test Air Pressure	0.7 Kg/ cm ² & 1.2 Kg/ cm ²
Air Regulator	0 To 7 Kg/ cm ²
Air Purging Facility	Yes
Fog Collector	Yes
Fog Collection	1-2ml per 80 cm ² per hour as per standards
Power	220V, Single phase, 50 Hz, 15 A

Optional Accessories :-

Air saturator- to saturate the air inside the chamber for compliance of ASTM B117

Fog collection unit

PH meter- to check the pH of salt solution

Pneumatic opening of canopy for ease in operation

Inside Dimensions :- L x B x H

250 LTR : 800x500 x500 mm
450 LTR : 1000x700x750 mm

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