

SALT SPRAY TEST CHAMBER



Salt Spray Test Chamber

The **4B TESTING EQUIPMENTS PVT LTD** (Fog) Tester has been strictly designed as per the relevant standard to assess the ability of rust proofed components to withstand corrosion due to atmospheric conditions. It is Double walled with fiber reinforced proof inner and outer body, with glasswool insulation. Chamber design comes under standard ASTM B117 & other standards related to humidity test and salt spray test chamber.

- Programmable PLC - HMI Touchscreen Control Panel.
- Ethernet Connectivity- to connect with other devices using LAN (Optional).
- Also to connect any computer or other electronic devices to its network as long as the device has an Ethernet adapter or network card.
- Inbuilt temperature settings
- Salt Spray Test mode enabled to set parameters according to test sample
- Temperature setting and Preset Timer functions incorporated in HMI for accuracy and repeatability
- Corrosion Resistant PT-100 sensor
- Solid state digital Programmable Temperature Controller
- Program profile for selecting test parameters and performing the test.
- Easy Data Management. User can create PID settings, Air Saturator settings, test temperature, test and air purge time etc.
- Current test running status display
- Robust Construction with Fiber reinforced body (Triple wall)
- Ease of use of sample placements inside the test chamber
- Pneumatically operated canopy.
- Air purge after test for fog settlement.
- Microprocessor based inbuilt PID controller
- Reservoir Tank inside sponge filter available
- Auto Tuning feature selection
- Run time vs temperature graph
- Data recording with temperature data reading
- USB option available.
- Option available to set PV and SV value
- 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.

4B TESTING EQUIPMENTS PVT LTD Salt Spray Chamber checks the corrosion resistance of paint, Powder-coated and Plated item. Salt Spray Testing is one of the best methods to check the life of Painting, Coating and Plating such as Powder Coating, Zinc Plating, Nickel and Chrome Plating, CED Coating Phosphate surface, Alloy Plating, Electroplated, Chromium Copper and Tin Etc.

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Related Standards : JIS Z2371 / DIN 50021 / ASTM B117 / IS:5528 / IS:6910 / ISO:3768

- Online pH meter available on request.
- **Cass Test Chamber** available in above size.
- Cyclic corrosion test chamber available on request.

Standard Supply :

All Models are equipped with Auto Air Purging, Time totaliser, Timer, Air Regulator, Pressure Gauge and Specimen racks

Due to continuous improvement, specifications are subject to change without prior notice.

Key Specifications:

Display	HMI Based touchscreen 7" TFT LCD Color screen
Chamber Temp Range	Ambient to 40°C
Test Chamber Temperature Range	35°C ± 2°C
Chamber Temperature Least Count	0.1°C
Chamber Temperature Repeatability	± 2°C
Air Saturator Temperature Range	40°C - 49°C
Air Saturator Temperature Least Count	0.1°C
Air Saturator Temperature Repeatability	± 2°C
Power	220V, Single phase, 50 Hz, 15 A
pH value of Salt Solution	6.5 to 7.2 pH
Temperature Control	Inbuilt PID Temperature Controller
Timer (Hour meter)	6 digits
Test Air Pressure	0.7Kg/cm ² - 1.2Kg/cm ²
Air Regulator	0 to 30 psi

MODEL	Internal Size : (in mm)	External Size : (in mm)
JUPITER- 250	700X600X60	1600X990X1240
JUPITER- 450	950x700x720	1880X1270X1425
JUPITER- 1000	1600X700X800	2750X1170X1650

Contact us:

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