

Salt Spray Chamber- ULTRA

The Pacorr Salt Spray Chamber – Ultra HMI Touch Screen FRP Model (1000 Litres) is a precision-engineered, high-accuracy corrosion testing instrument designed to meet the demanding needs of multiple industries. It allows manufacturers to simulate and evaluate the effects of harsh environmental conditions—such as salt, humidity, and temperature—on the durability and performance of materials.

Specification

- Controls : Touch Screen (HMI)
- Capacity:1000 Litres
- Material of Construction : Fibre- Reinforced Plastic (FRP)
- Chamber Temperature Range : Ambient to 40 Degree C
- Test Chamber Temperature Range : 35 Degree C \pm 2 Degree C
- Chamber Temperature Least Count : 0.1 Degree C
- Chamber Temperature Repeatability : \pm 2 Degree C
- Air Saturator Temperature Range : 47 Degree C
- Air Saturator Temperature Least Count : 0.1 Degree C
- Air Saturator Temperature Repeatability: \pm 2 Degree C
- pH value of Salt Solution : 6.5 to 7.2 pH
- Temperature Control : Inbuilt PID Temperature Controller
- Timer : Upto 99999 Hours
- Test Air Pressure : 0.7 Kg/cm² to 1.2 Kg/cm²
- Air Regulator : 0. to 5 bar
- Air Purging Facility : Available
- Fog Collector (2 nos.) : Available inside the chamber
- Fog Collection : 1-2ml per 80 cm² per hour as per standards
- Measuring Cylinder: Available
- Air storage tank capacity: Capacity- 20 Ltrs
- USB Port : To retrieve data using Pen Drive
- Power Supply: 220V AC, 50 Hz
- Complies : ASTM B117 & ISO 9227



Model- PCSSC-ULTRA

Features

- Controls through PLC/HMI
- Low Water Level Indication
- High Temperature Indication
- Temperature Sensor: PT100
- Low Compressed Air Indication
- Pneumatic opening of Top door
- Inbuilt reservoir tank
- Emergency stop switch
- Air Saturator available
- Chamber construction is Fibre- Reinforced Plastic (FRP).
- High Temperature Alarm
- Air Purging Facility available
- Inner Dimensions of Corrosion Chamber: 1650mm x 750mm x 820mm
- *Compressed Air Requirement: approx. 7 cfm (Air Compression not a part of supply)
- * Main air-line pressure regulator with filter in customer scope.
- **Optional
- Online pH meter
- Table top pH meter
- Humidity Sensor & Indicator

Our Valuable Customer



Pacorr Testing Instruments Pvt. Ltd.