

# Salt Spray Tester/ CASS Cum/ Corrosion Chamber - HMI Model



## Product Info :

**Salt Spray Chamber** with HMI Touch Screen is the latest generation quality testing equipment for evaluating the quality of coating and paint against a corrosive environment. The machine comes with highly-advanced features reducing the manpower load and bringing maximum ease to the test procedure. In addition to this, the equipment is composed of the latest Fibre Reinforced Plastic (FRP) material that provides the best performance. Related Standard : **ASTM B117, ISO 9227, JIS Z 2371**

The machine can recreate real-life corrosion inside the chamber and allow testing the resistance of metal material against the environment. It can specifically tell how much time a product will take to corrode. The HMI touch screen model is the most advanced test equipment for performing corrosion resistance tests and first-choice for leading paint and coating

manufacturers. Salt Spray Tester with HMI Touch Screen brings a hi-end revolution in corrosion testing of metal material and evaluates the quality of coating and paint. The equipment is a huge chamber built of high-grade and latest in market Fibre Reinforced Plastic Material (FRP), which is renowned for its high resistance to corrosion and corrosive agents and its durability. With this latest in the market FRP material, the equipment assures long-run performance and low maintenance cost. This material ensures that while the machine is creating an accelerated and highly complex corrosive environment inside for testing, its body doesn't get affected. The same factor ensures the long-run performance of the equipment. The tester has a broad space inside to keep multiple samples for testing in one go. There is provision to keep distinct sized specimens together for a single test.

## TECHNICAL DATA :

- Controls : Touch Screen (HMI)
- Capacities : 250 Litres, 450 Litres & 1000 Litres
- Inner Chamber Construction : Fibre Reinforced Plastic (FRP)
- Chamber Temperature Range : Ambient to 450C
- Test Chamber Temperature Range : 350C  $\pm$  20C
- Chamber Temperature Least Count : 0.10C
- Chamber Temperature Repeatability :  $\pm$ 20C
- Air Saturator Temperature Range : Upto 450C
- Air Saturator Temperature Least Count : 0.10C
- Air Saturator Temperature Repeatability:  $\pm$ 20C
- 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/cm<sup>2</sup> & 1.2 Kg/cm<sup>2</sup>
- Air Regulator : 0. To 30 psi
- Air Purging Facility : Available
- Fog Collector : Available inside the chamber
- Fog Collection : 1-2ml per 80 cm<sup>2</sup> per hour as per standards
- Measuring Cylinder (External) : Available (Capacity:50ml)

## FEATURES :

- Feather-touch Display Screen for setting test parameters, viewing test values, recording test memory and much more bringing the latest generation user experience.
- Air Saturator for precise distribution of salt mist resulting in accurate results.
- Safety Alarm facility for Low Water Level so that users can have an uninterrupted test.
- Fog Collection Funnel to test the quality of salt fog solution during the test.
- User-friendly experience with smooth chamber door operation.
- Air Saturator Auto Refilling facility ensures undisturbed testing procedure and reduces the need for manpower assistance.
- Fibre Reinforced Plastic (FRP) Material for a higher level of resistance to corrosion and high temperatures. Also it ensures high performance durability and long-lasting performance.
- Over Temperature Alarm ensuring user safety.
- Reservoir Float Valve for sensing the level of water and accordingly deciding the test solution flow.

## Our Valuable Customer



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