

Salt Spray Test Chamber

BR-SS Series

Most corrosion of metallic materials occurs in the atmosphere, salt spray corrosion is a common and most destructive atmospheric corrosion.

Salt spray testing is a man-made method of accelerated corrosion resistance assessment. It involves atomizing a certain concentration of salt water; then spraying it in a closed constant temperature box (salt spray test chamber) to reflect the corrosion resistance of the sample by observing the changes for a period of time.

Technical Parameters	Details
Temperature Range	RT+5°C∼55°C
Saturated Air Barrel Temp	RT+10°C~70°C
Temp Range	30-98%RH
Spray Deposition	1-2ml/80cm ² ·h
Temp Deviation	± 2°C
Humidity Deviation	+2%, -3% R.H
Temp Fluctuation	± 0.5°C
Spray Type	Continuous / Periodic (optional)
Interior, mm	W1600*D1000*H760, customized



Features

- ➤ Easily accessible salt spray atomizer(s) in transparent hard-wearing acrylic, for ease of maintenance.
- > External portable salt solution tank for ease of cleaning.
- > Central viewing window for unimpeded visual access to chamber interior and test material.
- > Base castors and integrated fork lift truck runners, for ease of transportation.
- > touch-screen, employing the latest version of operating software, for ease of programming and use.
- > On/Off function with Temperature control for intermittent salt spray applications.

Standard (iS)

(CASS).

Standard models meet the requirements of basic, continuous salt spray tests conducted at a single temperature only, such as ASTM B117, ISO 9227 & similar international test standards, and may be used with pH neutral salt solutions (NSS) or those acidified by the addition of Acetic Acid (ASS) or Cupric Acid

Two specification levels

Premium (iP)

Premium models can perform the same basic salt spray tests, but in addition are equipped with extra features which enable them to undertake 'modified' tests.

For example: salt spray & condensation humidity (SWAAT) or salt spray & drying (PROHESION) or salt spray and SO2 testing.