

SALT SPRAY TESTER

PART NO. SFT-G550-U



- After the air generated by the air compressor is fed into the working chamber to disperse the mist before being discharged, the corrosion condition in the working chamber can be clearly observed.
- It is applicable for artificial simulation of salt spray environmental conditions, allowing for the assessment of the corrosion resistance of products or metal materials, such as in environmental simulation reliability tests.
- Steam heating is employed to significantly improve uniformity and ensure that the PH value of the salt spray remains constant.
- The inner and outer box materials are constructed of PVC, which is resistant to both high temperatures and impacts. The lid and box body are water-sealed to prevent leakage of salt spray. The saturated bucket is manually replenished, and the lid is pneumatically opened and closed.

SPECIFICATION

Test condition	suitable for neutral and acid salt spray test *
Work chamber dimension(W×H×D)	47.24x19.69x33.46"
Work chamber volume	132gal
Saline tank volume	23.78gal
Work chamber temperature	95°F
Saturated barrel temperature	117°F
Saline temperature	95°F
Temperature fluctuation	±0.9°F
Temperature deviation	≤1.8°F
Temperature uniformity	≤3.6°F
Deposition rate	(1~2)mL/(h·80cm ²)
Heat type	steam heat
Spray pressure	70~170kPa
Spray mode	continuous, intermittent(selectable)
Test fluid	Neutral: purified water+sodium chloride(PH6.5~7.2)
Compressed air pressure	5~6kgf/cm ²
Power supply	AC110V, 1Ø, 50HZ, 4kW
Dimension(WxHxD)	84.65x57.09x47.24"
Weight	683.43lb

STANDARD DELIVERY

Main unit	1pc
Stick	1group
Sodium chloride	4bottles
10L salt water preparation measuring cup	1pc
80ml standard cup	2pcs
50ml metering cup	2pcs

OPTIONAL DELIVERY

Nozzle	SFT-S210R-NOZZLE
Brine Filter	SFT-S210R-FILTER

* It is not recommended to conduct acid tests for a long time, as incomplete cleaning after a long-term acid test may affect the pH value of the neutral test.