

Summary:

Salt Spray Test is a standardized and popular corrosion test method, used to check corrosion resistance of materials and surface coatings. Usually, the materials to be tested are metallic and finished with a surface coating which is intended to provide a degree of corrosion protection to the underlying metal.

NEWGOER TEST EQUIPMENT

Your Lab Consultant

NG-YW Salt Spray Corrosion Tester**Heating system:**

- Adopt u-shaped titanium alloy high-speed heating electric heat pipe.(Strong in corrosion resistance)
- Water and electricity fully independent system, does not affect the salt fog test and control circuit
- Temperature control output power are calculus by the microcomputer (High precision, high efficiency and power saving is about 30%)
- Low water level protection system.

Spray system:

1. Spray device: spray tower using a nebulizer (spire height adjustable), guiding salt spray, fog particles small, natural subsidence; without nozzle salt crystals, tunable settlement.
2. Spray gas treatment: two spray gas regulator regulator, the same period the oil to be filtered, humidified gas preheating
3. fogging treatment: spray brine stored as hidden and built a large storage capacity, brine with preheating Function. Saline spray before brine with quartz filter element, to avoid blocking the nozzle of impurities Sergio terminal test.

Standards:

CNS: 3627, 3385, 4159, 7669, 8886.
JIS: D0201, H8502, H8610, K5400, Z2371.
ISO: 3768, 3769, 3770.
ASTM: B 117, 8117, B268.

Features:

1. Automatic add water when water shortage, with a group of manually water.
2. Special glass nozzle(PYREX), guarantee non-crystalline block.
3. With dual over-temperature protection, water shortage warning, ensure safety use.
4. Temperature device adopts digital display, PID control, precision is 0.1 centigrade degree.
5. Chamber adopts direct steam heating method, fast warming, shortening standby time
6. Spray tower attached cone diffuser, with functions of directional mist, adjustable mist, uniformity fog Lamp.

Specifications

Model	NG-YW60	NG-YW90	NG-YW120
Test room size(cm)	60x45x40	90x60x50	120x80x50
Outside box size(cm)	107x63x118	141x88x128	190x120x140
Testing room temperature	Salt Test (NESS ACSS) 35°C±1°C / Corrosion Test (CASS) 50°C±1°C		
Saturated air barrel Temperature	Salt Test (NESS ACSS) 47°C±1°C / Corrosion Test (CASS) 63°C±1°C		

PH	Salt Spray Test (NESS ACSS) 6.5~7.2 Corrosion-resistant Test(CASS) 3.0~3.2		
Spray volume	1.0~2.0ml/h		
Testing room relative humidity	> 85%		
Salt concentration	The concentration of sodium chloride 5%		
Testing room Capacity	108L	270L	480L
Brine tank capacity	15L	25L	40L
Air pressure	1.00±0.01kgf/cm ²		
Spray form	Programmable spray (Including continuous and intermittent spray)		
Multiple safety protection devices	Current discharge protection, over pressure protection, over temperature protection, over load fuse protection		
Power	220V,10A	220V,15A	220V,20A