



PLC Touch Screen Salt Spray Corrosion Test Chamber GT-F50AB

Product Introduction

Application:

Salt Spray Corrosion Test Chamber is also called Salt spray tester. The salt spray corrosion test: aims at determining the product corrosion resistance after various kinds of materials surface suffering electroplating, anodizing, painting, rust-proof oil corrosion resistance treatment. The machine is suitable for neutral salt spray test (NSS) and acidic corrosion experiment (AASS, CASS).

Standards:

CNS3627, 3885, 4159, 7669, 8886,
JIS D-0201, H-8502, K-5400, Z-2371,
ISO 3768, 3769, 3770,
ASTM B-117, B-268,
GB-T2423

DIN 50021-SS

Feature:

1. The whole Salt Spray Tester adopts material of 5mm import gray PVC sheet, Internal adopts advanced band produced three-dimensional reinforcement technology, with strong structure, no deformation, acid and alkali resistance, high temperature resistance, and no aging. It is applied to all kinds of test specifications such as salt spray, copper acetate, etc.
2. Heating method: test room adopts steam direct heating method, temperature rise fast and uniform, reduce the standby time, the heating tube is made from titanium tube with high corrosion resistance.
3. Hopper: 2 built-in spray quantity collection cylinder (only one 60 type), comparing to the traditional external type, it does not easily break down.
4. Laboratory commodity shelf uses plane dividing shelf, commodity shelf is the \varnothing 10mm toughened glass rod with corrosion resistance. Plastic steel

V type shelf and glass rod placing objects make sure the sample 30 degree bevel angle, the angle can be arbitrarily adjusted, the direction of spray falling around is the same as the direction of spray receiving, test piece is set with large quantity.

5. Machine body support: SECC U-bar with angle iron spray paint, four wheel slide and can be pushed for moving(limit use for 120 L type or more than 120 L).
6. Pressure barrel: 2.0MMSUS201 stainless steel seamless welding.
7. Heating delivery: titanium tube used, long service life, high degree corrosion resistance.
8. Salt spray testing machine equipment cover: made of 8MM import transparent acrylic sheets, exquisite workmanship, beautiful appearance.
9. Dual function of over-temperature protection attached, when over-temperature the warning display and cut off the heater power to make sure safe use.
10. Including automatic spray exhausting device. Can clear observe the sample in the test room.
11. Sample supplement jar adopts hidden and water level perspective window attached, it is easy to clean and not easy cracking.

Dimensions

External Dimension:
1900*1300*1400 mm(L*W*H)
Package Dimension:
2100*1500*1550 mm(L*W*H)
Gross Weight:
110KG
Net Weight:
90KG



Salt Spray Chamber Specifications

Model	GT-F50AB-1	GT-F50AB-2	GT-F50AB-3	GT-F50AB-4	GT-F50AB-5
Inside Chamber Dimension	60x45x40	90x60x50	120x100x50	160x100x50	200x120x60

(WxDxH cm)					
Outside Chamber Dimension (WxDxH cm)	107x60x118	141x88x128	190x130x140	230x140x140	270x150x150
Test Chamber Volume	108L	270L	600L	800L	1440L
Brine Tank	15L	25L	40L	40L	40L
Control Method	LED Meter				
Plastic Plate Thickness	8mm				
Temperature of Test Chamber	Brine test method(NSS ACSS)35°C±1°C				
	Corrosion resistance test method (CASS)50°C±1°C				
Temperature of Pressure Barrel	Brine test method(NSS ACSS)47°C±1°C				
	Corrosion resistance test method (CASS)63°C±1°C				
Brine Temperature	35°C~50°C				
Brine Concentration	5% sodium chloride solution concentration or add copper chloride 0.26 grams per liter in the 5% sodium chloride solution concentration. (CuCl ₂ ·2H ₂ O)				
Compressed Air Pressure	1.00±0.01kgf/cm ²				
Spray Volume	1.0~2.0ml/80cm ² /h(gather at least 16 hours, take its average)				
Relative Temperature of Test Chamber	Above 85%				
PH-value	Neutral: 6.5~7.2; Acidic: 3.0~3.2				
Spray Method	continuous spray or intermittent spray				
Power Supply	AC220V1Φ10A	AC220V1Φ15A	AC220V1Φ30A		
Temperature Range	Laboratory temp.	35°C- 50°C(can be arbitrarily set)			
	Pressure barrel temp.	47°C- 63°C(can be arbitrarily set)			

Temperature Rising Speed	Laboratory	Room temperature →35°C, about 35 minutes
	Pressure barrel	Room temperature →47°C, about 15 minutes
	Temp. accuracy	±1°C