

## UI-E01A

## Salt Spray Chamber

### Application:

Salt Spray Machine is used to test material Corrosion resistance by producing salt fog. So it is also called salt fog test chamber. This salt spray cabinet is widely used in painting, coating and other industries.



### Features:

- Double over-temperature protection, the heating power can be automatically cut off when there is a temperature control table failure or a heating system failure. Avoid excessive temperature damage to the Salt Spray corrosion test chamber.
- Double low water level protection to prevent dry burning of test salt spray machine and pressure tube heating tube.
- Overload short circuit protection. Prevent damage to the instrument and the internal electronic control components of the instrument when an abnormality occurs. Any low water level appears.
- Metering cylinder: Two built-in mist collecting cylinders (one E01A-108 type). It is less susceptible to damage than traditional external models.
- Nozzle: Precision quartz glass nozzle. Guaranteed to use 4,000 hours without crystallization. Spray tower with cone disperser, with guiding fog, adjusting the amount of fog, and even fogging, etc.
- **If Acid test is needed, please let us know before quotation and production!**

### Machine Pictures:



## Key Specification:

Model	UI-E01A-108	UI-E01A-270	UI-E01A-600	UI-E01A
Test Chamber Volume	108L	270L	600L	Test Volume Can be customized
Test Chamber size (cm)	60*45*40	90*60*50	120*100*50	
Machine Size (cm)	107*60*118	141*88*128	190*130*140	
Brine tank size	15L	25L	40L	
Temp. Of test chamber	NSS & ASS = 35±1℃ / CASS = 50±1℃			
Temp. Of Pressure Barrel	NSS & ASS = 47±1℃ / CASS = 63±1℃			
Compressed Air Pressure	Air inlet pressure2.00kgf/cm2, Spray port 1.00 kgf/cm2			
Amount of spray	1.0~2.0mL/80cm2/h (Collect at least 16 hours, then to calculate the average)			
Test Chamber relative humidity	Above 85%			
Spray Method	Continuous spray			
Heating Method	Electric heating (titanium tube)			
Power	Single Phase AC220V10A	Single Phase AC220V15A	3 phases, 380V	-
Machine Material	1. 5MM imported P.V.C; (Note: for NSS & ASS test, thickness=5mm; CASS =8mm) 2. Sample Holder: ∅ 10.0MMCorrosion resistant tempered glass rod; Plastic steel V-shaped frame and glass rod storage. Ensure that the test object is at a 30 degree angle。 3. Pressure barrel is welded seamlessly with 2.0mm SUS201 stainless steel plate. 4. Titanium tube. Long service life and high corrosion resistance. Chamber cover adopts 5mm Imported transparent acrylic sheet.			
Standards	ASTM B-117, B-268, CNS 3627,3885, 4159, 7669, 8886, JIS D-0201, H-8502, H-8610, K-5400, Z-2371, ISO3768, 3769, 3770, GB/T2423, GJB 150.			