



# SALT SPRAY TEST CHAMBER LSSC-A13 TO LSSC-A15

### **Salt Spray Test Chamber LSSC-A13**

Salt Spray Test Chamber LSSC-A13 is designed as per ASTM B117, ISO 9227 configurations, and is comprised with 780 L of capacity and external 78 L salt solution tank with a brine mixing system. Features continuous/periodic spray with adjustable spray tower and quartz nozzle with high temperature, corrosion and clogging resistance. Incorporated with PID programmable touch screen controller, PT100  $\Omega$  / MV A-class sensor, Nichrome heater and Saturated air barrel, this salt spray test chamber has air source diverting device to distribute the compressed air to the opening system. With round bars and V-shaped groove sample holder, it is provided with protection against humidifier dry-combustion, over-temperature, over-current, water shortage and earth leakage. Designed with glass fiber reinforced plastics, transparent window, pneumatic switch lid, pneumatic seal and adjustable castors with brakes, this salt spray test chamber ensures long service life with high temperature and corrosion resistance.

### **Salt Spray Test Chamber LSSC-A14**

Salt Spray Test Chamber LSSC-A14 is designed as per ASTM B117, ISO 9227 configurations, and is comprised with 1030 L of capacity and external 78 L salt solution tank with a brine mixing system. Features continuous/periodic spray with adjustable spray tower and quartz nozzle with high temperature, corrosion and clogging resistance. Incorporated with PID programmable touch screen controller, PT100  $\Omega$  / MV A-class sensor, Nichrome heater and Saturated air barrel, this salt spray test chamber has air source diverting device to distribute the compressed air to the opening system. With round bars and V-shaped groove sample holder, it is provided with protection against humidifier dry-combustion, over-temperature, over-current, water shortage and earth leakage. Designed with glass fiber reinforced plastics, transparent window, pneumatic switch lid, pneumatic seal and adjustable castors with brakes, this salt spray test chamber ensures long service life with high temperature and corrosion resistance.

### **Salt Spray Test Chamber LSSC-A15**

Salt Spray Test Chamber LSSC-A15 is designed as per ASTM B117, ISO 9227 configurations, and is comprised with 1600 L of capacity and external 78 L salt solution tank with a brine mixing system. Features continuous/periodic spray with adjustable spray tower and quartz nozzle with high temperature, corrosion and clogging resistance. Incorporated with PID programmable touch screen controller, PT100  $\Omega$  / MV A-class sensor, Nichrome heater and Saturated air barrel, this salt spray test chamber has air source diverting device to distribute the compressed air to the opening system.

With round bars and V-shaped groove sample holder, it is provided with protection against humidifier dry-combustion, over-temperature, over-current, water shortage and earth leakage. Designed with glass fiber reinforced plastics, transparent window, pneumatic switch lid, pneumatic seal and adjustable castors with brakes, this salt spray test chamber ensures long service life with high temperature and corrosion resistance.

## Features

- ❑ Designed as per ASTM B117, ISO 9227 configurations
- ❑ Different capacities with external 78 L salt solution tank
- ❑ Continuous/periodic spray with adjustable spray tower and Quartz nozzles
- ❑ Quartz nozzle with high temperature, corrosion and clogging resistance
- ❑ PID programmable touch screen controller with PT100  $\Omega$  / MV A-class sensor
- ❑ Nichrome heater as heating element with Saturated air barrel
- ❑ Air source diverting device to distribute the compressed air to the opening system
- ❑ Round bars and V-shaped groove sample holder for different tests
- ❑ Protection against humidifier dry-combustion, over-temperature, over-current, water shortage and earth leakage
- ❑ Glass fiber reinforced plastics, transparent window, pneumatic switch lid and seal
- ❑ Adjustable castors with brakes for easy and convenient movement
- ❑ Long service life with high temperature and corrosion resistance

## Application

Salt spray test chamber is used to create and maintain the salt spray (fog) test environment, and test the anti-corrosion quality of all the materials surfaces after the rust-proof of painting, coating, electroplating, anodizing and rust-proof of greasing.

## Specifications

Model	LSSC-A13	LSSC-A14	LSSC-A15
Testing room capacity	780 L	1030 L	1600 L
Temperature range	Ambient to +60°C		
Humidity range	95% to 98% RH		

Temperature Fluctuation	± 0.5 °C		
Temperature Deviation	± 2.0 °C		
Spray deposition	1 to 2 ml / 80 cm <sup>2</sup> .h		
Spray type	Continuous /Periodic		
Spraying system	Atomizer tower and Spray nozzle		
Air preheating	Saturated air barrel; 31 L		
Heating element	Nichrome heater		
Salt fog collection	Fog collector and Fog measure cylinder		
Standard sample holder	8 round bars and 7 V-shaped grooves		
Controller	PID		
Sensor	PT100 Ω / MV A-class sensor		
Housing	Glass fiber reinforced plastics		
Observation window	Glass		
Sealing	Pneumatic seal		
Protection	Humidifier Dry-combustion Protection; Over-temperature Protection; Over-current Protection; Water Shortage Protection; Earth leakage Protection		
Maximum noise	65 dBA		
Power supply	220 V 50 Hz 1 P		
Water solution tank dimension (W×D×H)	600×370×350 mm		
Observation window dimension (L×B)	800×300 mm		
Internal dimension (W×D×H)	1300×1000×600 mm	1600×900×720 mm	2000×1000×800 mm

## Salt Spray Test Chamber LSSC-A13 to LSSC-A15

External dimension (W×D×H)	2200×1200×1400 mm	2500×1300×1600 mm	3000×1420×1850 mm
Net weight	280 kg	390 kg	480 kg
Gross weight	450 kg	560 kg	630 kg