



# SALT SPRAY TEST CHAMBER LSSC-A10 TO LSSC-A12

## Salt Spray Test Chamber LSSC-A10

Salt Spray Test Chamber LSSC-A10 is a nichrome heater comprised salt spray test chamber, designed as per ASTM B117, ISO 9227 configurations, comes with 110 L of capacity and built-in 20 L salt solution tank with a brine mixing system. Features adjustable Atomizer tower and Spray nozzles spraying system with continuous/periodic spray, covered the entire working space to form a diffuse state. Equipped with PID controller, PT100  $\Omega$  / MV A-class sensor and timer, it offers complete recording of spray time with precise temperature and control. Designed with Glass fiber reinforced plastics housing, transparent resin lid and hydrostatic hood seal, it has 6 round bars and 5 V-shaped grooves for different tests. With 31 L capacity of saturated air barrel protected against dry burning, this salt spray test chamber also offers protection against humidifier dry-combustion, over-temperature, over-current, water shortage and earth leakage.

## Salt Spray Test Chamber LSSC-A11

Salt Spray Test Chamber LSSC-A11 is a nichrome heater comprised salt spray test chamber, designed as per ASTM B117, ISO 9227 configurations, comes with 326 L of capacity and built-in 20 L salt solution tank with a brine mixing system. Features adjustable Atomizer tower and Spray nozzles spraying system with continuous/periodic spray, covered the entire working space to form a diffuse state. Equipped with PID controller, PT100  $\Omega$  / MV A-class sensor and timer, it offers complete recording of spray time with precise temperature and control. Designed with Glass fiber reinforced plastics housing, transparent resin lid and hydrostatic hood seal, it has 7 round bars and 6 V-shaped grooves for different tests. With 31 L capacity of saturated air barrel protected against dry burning, this salt spray test chamber also offers protection against humidifier dry-combustion, over-temperature, over-current, water shortage and earth leakage.

## Salt Spray Test Chamber LSSC-A12

Salt Spray Test Chamber LSSC-A12 is a nichrome heater comprised salt spray test chamber, designed as per ASTM B117, ISO 9227 configurations, comes with 410 L of capacity and built-in 20 L salt solution tank with a brine mixing system. Features adjustable Atomizer tower and Spray nozzles spraying system with continuous/periodic spray, covered the entire working space to form a diffuse state. Equipped with PID controller, PT100  $\Omega$  / MV A-class sensor and timer, it offers complete recording of spray time with precise temperature and control. Designed with Glass fiber reinforced plastics housing, transparent resin lid and hydrostatic hood seal, it has sample holder of 8 round bars and 7 V-shaped grooves for different tests. With 31 L capacity of saturated air barrel protected against dry burning, this salt spray test chamber also offers protection against humidifier dry-combustion, over-temperature, over-current, water shortage and earth leakage.

## Features

- ❑ Nichrome heater comprised salt spray test chamber with different capacities
- ❑ Designed as per ASTM B117, ISO 9227 configurations
- ❑ Built-in 20 L salt solution tank with a brine mixing system
- ❑ Adjustable Atomizer tower and Spray nozzles spraying system
- ❑ Continuous/periodic spray to cover the entire working space to form a diffuse state
- ❑ PID controller, PT100  $\Omega$  / MV A-class sensor and timer
- ❑ Glass fiber reinforced plastics housing, transparent resin lid and hydrostatic hood seal
- ❑ Sample holder of round bars and V-shaped grooves for different tests
- ❑ 31 L capacity of saturated air barrel protected against dry burning, for preheating the air
- ❑ Protection against humidifier dry-combustion, over-temperature, over-current, water shortage and earth leakage
- ❑ Highly efficient, corrosion resistant with long service life

## 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-A10	LSSC-A11	LSSC-A12
Testing room capacity	110 L	326 L	410 L
Temperature range	Ambient to +60°C		
Humidity range	95 to 98% RH		
Temperature Fluctuation	$\pm 0.5^\circ\text{C}$		
Temperature Deviation	$\pm 2.0^\circ\text{C}$		
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	6 round bars and 5 V-shaped grooves	7 round bars and 6 V-shaped grooves	8 round bars and 7 V-shaped grooves
Controller	PID		
Sensor	PT100 $\Omega$ / MV A-class sensor		
Housing	Glass fiber reinforced plastics		
Lid	Transparent resin lid		
Sealing	Hydrostatic hood 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 (WxDxH)	350x180x320 mm		
Internal dimension (WxDxH)	600x460x400 mm	1000x640x510 mm	1100x750x500 mm
External dimension (WxDxH)	1100x700x1000 mm	1580x910x1200 mm	1900x920x1200 mm
Net weight	110 kg	225 kg	260 kg
Gross weight	185 kg	260 kg	310 kg