



Salt Spray Chamber

LB-22SSC

Index

Sr.no	Title	Page no
1.	Safety Measures	2
2.	Introduction	3
3.	Features	3
4.	Specifications	4
5.	Applications	4
6.	Operations	5

1. Safety Measures

- **System power failure recovery function:** The sudden power **OFF** the device will continue to operate on the power OFF after power ON.
- If there is a shortage of water in the test room or saturation bucket, the timing, spray and the corresponding heating function will be automatically suspended, the corresponding water replenishment valve will be automatically opened, and the water level will continue to work after normal.
- Curve acquisition is collected every 10s by default.
- If users want to stop the fog removal immediately in the automatic fog removal, users can first open the manual fog removal button in the test interface and then close the manual fog removal button to stop the fog removal.
- Once the pause button is opened, the defogging before and after the timing, spraying, and testing will be paused, and the manual defogging will not be paused.
- If the temperature is overheated in the test, the heating button will be automatically turned **OFF** and the heating button will be automatically opened after normal.
- When the continuous spray or gap spray is selected and has been running in the chronograph, if the spray mode is suddenly switched at this time, the system will automatically stop and reset the previous mode that has been running, so be careful to set it when using it to avoid mis operation and lead to test failure.

2. Introduction

Salt spray chamber LB-22SSC is an 800 L chamber designed for corrosion testing. It comprises a saline fog environment with a temperature range from (35 °C to 50°C) and a transparent angled (110° to 120°) chamber which allows easy observation of sample spraying condition and prevents contact of condensate with the sample.

3. Features

1. Acrylic glass spray nozzle (optimum spray distribution)
2. Quartz glass-fired nozzle (minuscule spray mist)
3. Glass fiber-protected interior and exterior chamber with epoxy integral molding (corrosion and leakage resistant)
4. Tower spraying system charged with salt solution filtration system
5. 110 ° to 120 ° angled transparent chamber top
6. Water sealing between chamber top and cabinet (no salt spray overflow)
7. Water level and temperature protection system
8. Economic arrangement of control panel and display instruments
9. Corrosion and temperature-resistant material
10. Recyclable PVC assembly

4. Specifications

Model No.	LB-22SSC
Chamber capacity	800 L
Interior dimension (W x H x D)	1600 × 500 × 1000 mm
Exterior dimension (W x H x D)	2240 × 1500 × 1600 mm
Temperature range	35°C ±1°C to 50°C ±1 °C
Heater power	15 kW + 1 Kw
Air compressor	2 HP
Power supply	AC 220V 50 Hz
Weight	120 Kg

5. Applications

Used to assess corrosion resistance of metal fittings and protective coatings, in tests like NSS, ACSS, CASS and CORK, in automotive, military, medical and maritime sectors.

6. Operations

Introduction to the main functions

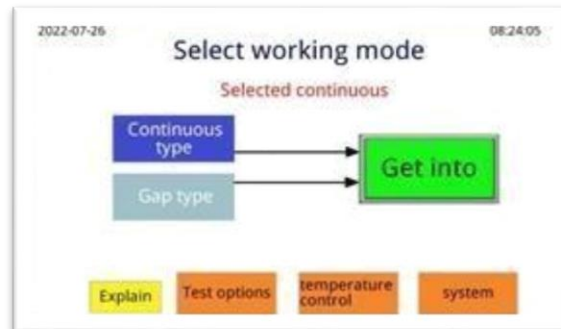


Figure.1

There are two types of use modes of salt spray tester, namely continuous spray and gap spray.

1) Continuous spray

When using a continuous spray, as long as the desired running time (clock and minute clock can be set), then you can click the "**Run**" button to output the spray according to the set time until the current running time reaches the set time will stop the spray and automatically close the "**Run**" button, if it suddenly closes during normal timing spraying" Run button, and the system immediately stops all outputs.

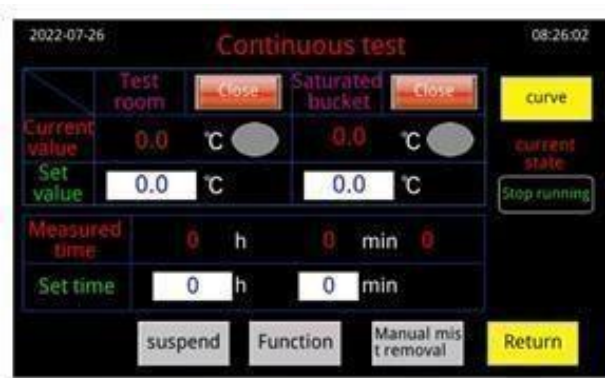


Figure.2

2) Gap spray

When using the gap spray, you need to set the spray running time and stop spray time (you can set the clock and minutes) and set the number of cycles of the gap test (only 1 cycle is counted after each spray time and stop time) and then users can click the "**Run**" button to follow the set time Output spray and stop spray until the cumulative number of cycles reaches the set number of cycles will not stop the spray and automatically close the "**Run**" button if the normal timing sprays suddenly close the "**Run**" button, the system immediately stops all output.



Figure.3

Introduction to accessibility

- The spray output can be set to select near-temperature spray or direct spray.
- After the end of the defogging timer or after the completion of the cycle, users can choose to turn off the heating function automatically.
- After the end of the defogging time or after the completion of the cycle number, users can select the auto-start defogging function to set the defogging time.



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