

Salt Spray/CASS Test Instrument STP-90V-5,CAP-90V-5

Improved the design of the test chamber to maintain easily



The World's Basic Corrosion Test Instruments

■ Overview

SUGA's Salt spray / CASS Test Instrument are the world's basic corrosion test instruments for determining the corrosion resistance of coatings, metals, and surface treatments. Operation is simple and easy to use. The flexibility in operational design provides the ability to meet the various and demanding testing specifications of industry. These precision instruments provide superior test repeatability and reproducibility results.

■ Features

1. Easy to maintenance

New design enables easy cleaning.

- ① The corners inside of the test chamber are round.
- ② Vapor pipes are straight pipes only.
- ③ Chamber floor prompts to drain water.

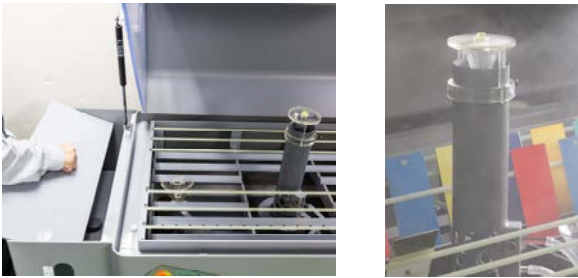


Inside of test chamber

Product information (model change)

2. Improved Reproducibility Air barrier board & mist dispersion tower system

SUGA's Salt Spray / CASS test instruments isolates the spray solution and ambient air using the air barrier board. This technology stabilizes and controls the fluctuation of the pH using the direct steam heating system. The mist dispersion tower system provides uniform distribution of the salt mist. The instruments conform to ISO 9227.

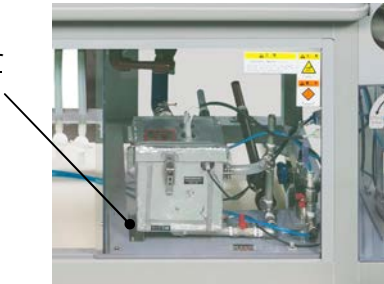


Air barrier board (left) & mist dispersion tower system (right)

3. Humidifier

Sliding transparent cover avoids touching the humidifier that becomes high temperature during operation. The power supply will shut down forcibly when the sliding transparent cover is opened during operation.

Sliding
Transparent cover



4. Air saturator

Air saturator is made of transparence heat-resistant resin and users can check internal state easily.

Safety device for overheat is changed from thermal fuse type to thermal protector type, and it can detect temperature more accurately.



Option

1. solution preparation tank : Approx 30L
(with air barrier board)
2. solution supplying unit (SS-2 model) : Approx 100L
3. exhaust disposal unit (EF-1R model)
4. automatic water supply system for air saturator
5. auto measurement unit for collection quantity of spray solution
6. special frame for specimen
 - 1) For specimens (80 × 60mm) conforming to JIS K 2246
(rust preventive oils)
 - 2) For specimen angle 30° (the capacity is 36 pieces)
(ASTM B117 correspondence)
7. changing mist collector position (ASTM B117 correspondence)
8. duckboard with withstand load for heavy test components
9. test setting
 - 1) Spray ON-OFF cycle setting with timer
 - 2) Running hour setting
10. auto drain for spray pressure reducing regulator
11. hose for washing test chamber

Specification

Model	STP-90V-5	CAP-90V-5
Test temperature	35±1°C	50±1°C
Spray solution	5% neutral salt solution	CASS solution
Internal dimension of chamber	Approx. Width 90, Depth 60, Height 40 cm	
Number of specimens	64 pieces (150 × 70 × 1mm)	
Specimen angle	15° or 20° from perpendicular	
External dimensions	Approx: Width 159, Depth 88, Height 140 cm; Weight: 150 kg	