

Compact New Model

Salt Spray Test Instrument STP-90V-6

Salt spray test instruments are the most basic test instruments for determining the corrosion resistance of metals and surface treatment.



Compact design which is smaller than conventional

By arranging solution tank at the bottom of the main body, the width of external dimension has been reduced by 19 cm compared to the conventional model. Enable to have more choices of installation location.

Mist dispersion tower system

The mist dispersion tower system provides uniform distribution of the spray. The instruments are in conformity with ISO 9227.

Air barrier board

SUGA's salt spray test instruments isolates and controls the spray solution and ambient air using the air barrier board. This technology stabilizes and controls the fluctuation of the pH.

Direct steam heating method

Heating test chamber by vapor outlet pipe increases test chamber air temperature rapidly and makes uniform distribution of test chamber temperature.

Transparent solution tank and air saturator

The front of solution tank and the cylinder of air saturator are transparent. Enable to check inside at a glance.

ISO/IEC 17025 Accredited Calibration

SUGA's Calibration division is accredited to meet the requirements for MRA of ILAC by ANAB. We can calibrate spray mist pressure regulator, test chamber temperature sensor and air saturator sensor with ISO/IEC 17025 compliant calibration certificates. The spray mist pressure regulator, which is required annual calibration, is easier to be removed than the conventional model by new structure.

Specification

Test Condition	Salt spray	35°C[5% Neutral salt solution]
Control Accuracy Temp. ±1°C		Spray amount: 1.5±0.5mL/h/80cm ²
Specimen dimensions, Angle, Number		150 x 70 x 1mm, 15° or 20°, 64pcs.
Max. load		6kgf (Equal load)
Chamber dimensions		Approx. 90(W) x 60(D) x 40(H)cm
External dimensions		Approx. 140(W) x 93(D) x 140(H)cm [170(H)cm when the rooftop is opened]
Operating weight		Approx. 190kg
Electrical requirements		Three-phase 200V Approx. 10A
Standards		ISO 9227, JIS Z 2371, JIS H 8502, ASTM B 117(option) and others