

Salt Spray Test Chambers SA Series

a measurable difference...

IDM[®]
instruments

Salt spray test chambers are designed for testing surface treatment of various materials such as coatings, galvanize, organic or inorganic film, anti-rust oil, chemical treatment of corrosion resistance etc.

Standards:

- CNS 3627
- CNS 3885
- CNS 4159
- CNS 7669
- CNS 8866
- JIS D-0201
- H-8502
- H-8610
- K5400
- Z-2371
- ISO 3768
- ISO 3769
- ISO 3770
- ISO 9227
- ASTM B-117
- ASTM B-268
- ASTM D1735
- GB-T2423,
- GJB150
- GB10587-89
- GB 2423-17
- IEC68-2-11

Test Types:

NSS Test - Neutral Salt Spray Test

ACSS Test - Acetic Acid Salt Spray Test

CASS Test - Copper Salt Accelerated Acetic Acid Salt Spray Test



Features:

- Automatically adds water when required
- Special glass nozzle, guarantees non-crystalline block for 4000 hours
- Dual over-temperature protection, water shortage warning
- Digital temperature device, SSR control, precision is 0.1 centigrade degrees
- Chamber with direct steam heating method, fast warming, short standby time
- Spray tower attached cone diffuser, with functions of directional mist, adjustable mist, and uniformity fog lamp.

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Specifications:



- **SA-O Economical Series**
NSS - Button Operation

Model No.	SA-O-108	SA-O-270	SA-O-480	SA-O-800	SA-O-1440
Interior Dimensions WDH	60 x 45 x 40	90 x 60 x 50	120 x 85 x 50	160 x 85 x 55	200 x 95 x 60
Exterior Dimension WDH	113 x 63 x 107	91 x 910 x 128	190 x 115 x 150	230 x 115 x 155	270 x 135 x 160
Test Chamber	108L	270L	480L	880L	1440L
Salt Water Tank Capacity	15L	25L	90L	90L	120L
Temp-Test	NSS 35 ± 1°C				
Temp-Air	NSS 47 ± 1°C				
Salt Water Temp.	35 ± 1°C (<50°C)				
Compressed Air	2kgf/cm ²		6kgf/cm ²		
Test Liquid	NSS: Pure Water + Sodium Chloride (PH6.5 – 7.2)				
Spray Volume	1.0-2.0 ml per 80cm ² per hour, or 1.0-3.0 ml per 80cm ² per hour				
Power	AC 220V, 1 Phase, 50Hz				



- **SA-P Advanced Series**
NSS, ACSS, CASS – Touch Screen Operation

Model No.	SA-P-108	SA-P-270	SA-P-480	SA-P-800	SA-P-1440
Interior Dimensions WDH	60 x 45 x 40	90 x 60 x 50	120 x 85 x 50	160 x 85 x 55	200 x 95 x 60
Exterior Dimension WDH	113 x 63 x 107	91 x 910 x 128	190 x 115 x 150	230 x 115 x 155	270 x 135 x 160
Test Chamber	108L	270L	480L	880L	1440L
Salt Water Tank Capacity	15L	25L	90L	90L	120L
Laboratory Test Temp	NSS, ACSS 35 ± 1°C / CASS 50 ± 1°C				
Saturated Barrel Test Temp	NSS, ACSS 47 ± 1°C / CASS 63 ± 1°C				
Salt Water Temp.	35 ± 1°C (<50°C)				
Compressed Air	2kgf/cm ²		6kgf/cm ²		
Test Liquid	NSS, ACSS: Pure Water + Sodium Chloride (PH6.5 – 7.2) CASS: Pure Water + Sodium Chloride + Copper chloride (PH3.0 – 3.2)				
Spray Volume	1.0-2.0 ml per 80cm ² per hour, or 1.0-3.0 ml per 80cm ² per hour				
Power	AC 220V, 1 Phase, 50Hz				