

Corrosion and Weathering Units

Salt Spray Test According to DIN EN ISO 9227 (former DIN 50021)

Damp Heat Atmosphere According to ISO 6270-2

SWAAT Test according to ASTM G85-98 for Aluminum Alloys



Salt Spray Test Chamber SC 450

Salt Spray Test

Salt spray test chamber for corrosion tests with salt spray, condensate and standard atmosphere. This test chamber enables the performance of alternating climate tests and SWAAT tests.

Corrosion Rapid Aging Tests

According to DIN 50 900, corrosion is defined as the reaction of a metallic material with its environment that leads to a measurable change. There are three types of corrosion rapid aging tests:

- Salt Spray Test
- Acetic Acid Salt Spray Test
- Copper Chloride - Acetic Acid - Salt Spray

The salt spray test is certainly the most frequently performed corrosion test. It is employed for analyzing corrosion-protected components (e. g. coatings) or to determine the corrosion behavior of work pieces consisting of different materials.

Our Services

Revierlabor offers information on the causes of corrosion as well as comprehensive service concerning corrosion issues and the qualification of materials and components.

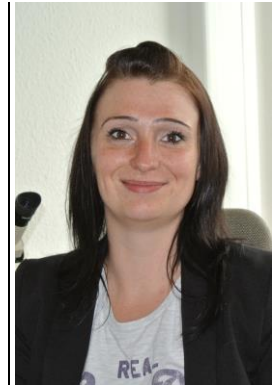
- Material behavior
- Heat treatment/media variants
- Pitting
- Intercrystalline corrosion
- Analysis of corrosion products
- Materials surfaces/coatings
- Salt spray corrosion tests
- Condensate corrosion tests
- Standard atmosphere corrosion tests
- Service/development/quality assurance
- Projects

Automotive suppliers and automotive companies are our customers, among others:

Daimler Chrysler, Ford, GME, Renault Toyota und VW.

Standards Excerpt

DIN EN ISO 9227 ASTM B 117 ASTM B 368	Salt Spray Test
ISO 6270 - 2	Condensate Test
VDA 621-415	Alternating Climate Test
DIN EN ISO 6988 DIN 50018	SO ₂ -Test
ASTM GB85-98 A1-A5	SWAAT-Test
DIN EN ISO 9227 ASTM G 85	Salt Spray Test Acetic Acid
DIN EN ISO 9227 ASTM B 368	CASS-Test Salt Spray Test Copper Chloride / Acetic Acid
ASTM G 48	
DIN EN ISO 3651 ASTM A 262 ASTM G 28	



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