



Corrosion Alternating Test Chambers SaltEvent SC



Test whatever you like.

From boot to bonnet - in research, development and quality control, you won't want to take any chances. We'll support you.



Corrosion firmly under control.

High humidity, salty air, seawater, and gritting salt - many small and large things in daily life are exposed to corrosive atmospheres. Corrosion does not just affect base metals, but also high-alloyed, tempered materials, plastics, and painted surfaces. That's why corrosion resistance is an important quality indicator and safety feature for many products. With the **weisstechnik** Corrosion Alternating Test Chambers SaltEvent SC, you can simulate the effect of salt spray and condensation. Reproducible, certified, and under accelerated conditions.

Lots to test? No problem!

When testing your products, you must adhere to numerous test standards and carry out long-term tests. Our test chambers are designed for these situations. Our models cover a wide range of applications and satisfy every need. For specific requirements, you can upgrade every system with many options based on your individual needs.

More equipment, right from the start.

Basic equipment setting standards.

Exterior



- **Everything is sealed**

The hood and test chamber are hydrostatically sealed using a U-shaped profile. The resulting groove is automatically filled with demineralised water and prevents salt spray from getting into the laboratory - safely and permanently.

Interior



- **Stay flexible**

The brine solution required for the tests is stored in a removable, portable brine tank. This tank is easy to clean and can be fully disconnected without using any tools if required.

- **Test more**

The specimen can be distributed on the support beams or the floor grid. Beams can be placed at 2 different heights, the pipes can be arranged in a given pattern. This maintains flexibility while testing different samples.

Regulation & Control



- **Into the age of connectivity - with WEBSeason®**

You can use the innovative user interface **WEBSeason** to program, control and monitor your tests at any time and anywhere, even from your tablet or smartphone. Language and units can be set to suit the user and the settings can be saved. In this way, **WEBSeason** provides a new dimension of flexibility and efficiency.



You can find further details on equipment in our technical descriptions. **Contact us.**

Convincing technology. Reliable results.

The performance data at a glance:

Type			SaltEvent SC 500	SaltEvent SC 1000
Test space volume		l	504	1028
Test space dimensions ¹	Height with hood	mm	1140	1140
	Height without hood	mm	720	720
	Width	mm	875	1670
	Width with spray duct	mm	765	1560
	Depth	mm	645	645
Exterior housing dimensions ¹	Height	mm	1370	1370
	Width	mm	2100	2925
	Depth	mm	980	980
Temperature range	Salt spray test		5 K above ambient temperature up to +50 °C	
	Condensed water test		5 K above ambient temperature up to +42 °C	
Temperature stability ² in time		K	±1.0	±1.0
Water consumption	Salt spray test	l/h	0.4	0.4
	Condensed water test	l	18.0	34.0
Consumption of brine	Salt spray test	l/h	0.4	0.9
Air throughput ³	Salt spray test	m ³ /h	1.4	1.4
Calibration values ⁴ for test space temperature	Salt spray test	°C	+35	+35
	Condensed water test	°C	+40	+40
Calibration value ⁴ for pressure humidifier temperature		°C	+49	+49

¹Production-related tolerances of up to ±10 mm are possible.

²The evidence of temperature stability takes place at ambient temperature of +23 °C ±2 K in the middle of the test space when this is empty and in a steady state, without specimen, heat radiation and optional equipment.

³At 0 °C and 1 bar.

⁴Factory calibration.

The performance data refer to +23 °C ±2 K ambient temperature, 230 V/50 Hz nominal voltage, without specimen and without optional equipment. The permitted ambient temperature is between +18 and +30 °C. The max. permitted humidity must not exceed 75 % RH.

We reserve the right to make any technical changes without prior notice.

Passionately innovative.

We work in partnership to support companies in research, development, production and quality assurance.
With 22 companies in 15 countries at 40 locations.

weisstechnik

Test it. Heat it. Cool it.



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