# Product Data Sheet

SAL 1000-FL (+60°C)

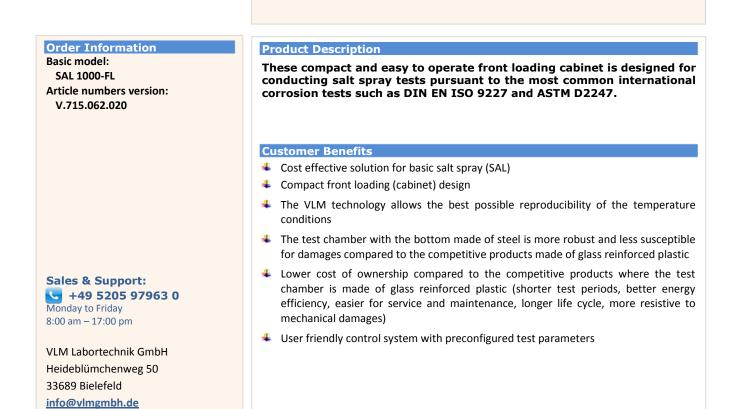
### **Relevant Test Standards:**

Salt Spray Test: DIN EN ISO 9227 DIN 50942, DIN 53167 ASTM B 117-73, ASTM B 287-74 ASTM B 368-68 ISO 7253 ISO 3678 BS 1224, BS 2011, BS3900 F4 BS 3900 F12 BS 5466 Part I, BS 5466 Parts 2 + 3 NFX 41002, AS 21331 Section 3.1 SIS 1841190 JIS Z 2371





Applicable for the following salt spray tests Salt Spray Tests SAL, NSS, CASS



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Figure 1 Jumo controller

### Accessories included:

- 5 rods for supporting test specimen
- 2 m exhaust hose Ø 50 mm
- 4 2 m drain water hose Ø 18 mm
- 4 1 female connector for compressed air hose (size no. 5)

Technical Specifications	
Capacity	ca. 1000 L
Inner test chamber	ca. 1400 x 605 x 920 / 733 mm
dimensions W/D/H1/H2	
Outer dimensions of the	ca. 2162 x 922 x 2013 mm
casing (overall) W/D/H	
Required power supply	400 V, 50/60 Hz,3500 W
Materials used	The walls of the chamber are made of Polypropylene while the bottom is made of stainless steel and coated with ECTFE. The walls have milled openings for supporting rods
Heating	Flat Micanite heaters under the bottom of the chamber for fast and uniform heat transfer
Sensors	<ul> <li>1x corrosion resistant and highly sensitive temperature sensor</li> </ul>
Temperature stability	±0,2 C°
Aeration	NA
Timer	Two channel timer
Weight	230 kg
Communication	RS 232 interface (optional)
Other specification	
Purity demineralized water	< 20µS/cm / ca. 3,5 L / ¾" outer diameter
/ filling volume / fitting	Option: Automatic water refill
Tap water (connection type)	Always via Ion-exchanging cartridge (¾" outer diameter)
Compressed Air	6-8 bar (connection nipple size 5)
Waste water, drain	Pipe fittings (spiral hose ID 18mm)
Exhaust pipe outer diameter	Pipe fitting (50 mm external diameter)
Number of supporting rods / max load	5 stainless steel rods coated with plastic / 30 kg each

#### **Process control**

- User friendly, microprocessor based controller (Figure 1)
- Programmable timer function
- Option: VisiCORR software for visualisation of test trends, only in combination with RS 232 (option)
- Restricted access for authorised operators (security code)

Operating system salt spray test (SAL) according to ISO 9227

- Electronically controlled self-venting membrane pump with electronic flow check (flow quantity and bubble detector)
- Hi-end nozzle for two fluids (test solution and compressed air) with adjustable air cap made of polycarbonate with PEEK
- Transparent humidifier of Duran glass with easily replaceable PE-sintered filters for fine distribution of compressed air or full saturation with moisture and automatic water refill
- Manually activated air purge in order to blow out the salt mist from the test area before opening the lid