

**Salt Spray Test Chamber Model SSe**


**(US Patent No.10371623)**



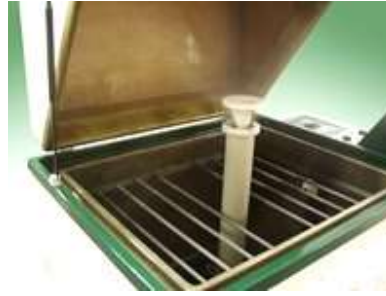
Illustrative photo SS600e



**Allows full automatic cycle programming in accordance with:  
ASTM B117 – ISO 9227 – JIS Z 2371**

Specification/Model	SS600e	SS1000e	SS1300e	SS3000e	SS5000e
Chamber Temperature Range: Single channel	Ambient + 9°F (5°C) - +131°F (55°C)				
Bubble Tower Temperature Range: Single channel	Ambient + 9°F (5°C) - +165°F (74°C)				
Bubble Tower with constant level, no auxiliary tank necessary for long duration test					

Centralized Atomization Nozzle with distribution tower and cone in accordance with:  
 ASTM B117, pg. 4,  
 Annex A ISO 9227,  
 JIS Z 2371



Approximated internal cabinet volum (liters)

600

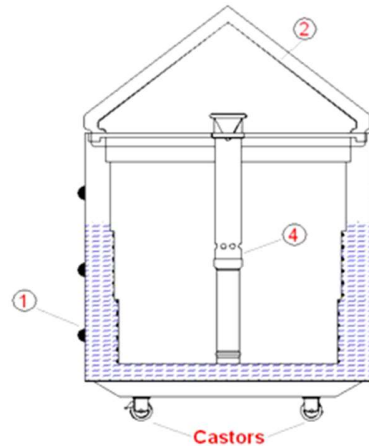
1,000

1,300

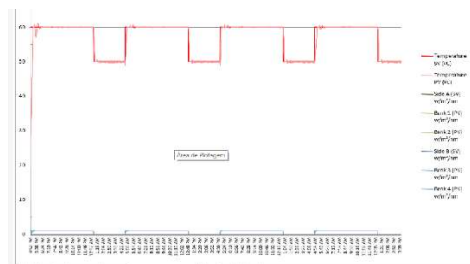
3,000

5,000

- 1** - Designed entirely in fiberglass (US patent 10371623)  
 Indirect Heating through water jacket according to ASTM B-117 to ensure that no metallic heating will affect corrosivity of testing results.
- 2** Lid engineered with smooth surface, without seams, per ASTM B117, drops of solution which accumulate on the ceiling of the chamber shall not be permitted to fall on the specimens being exposed.
- 3** - Unibody construction incorporating solution tank, bubble tower in one cabinet.
- 4** - Central Atomization Tower engineered to ASTM B 117 standards ensuring collect fog uniformity and homogenous results.



Data Acquisition Software - option:  
 - By PC (RS 232, USB or RS 485)



UL508A Compliance	Included	
Lid security system	Included	
Visual and audible security system	Included	









<b>Internal Dimensions W x D x H (mm)</b>	820 x 650 x 780	1,190 x 820 x 830	1,400 x 850 x 850	2,050 x 1,080 x 1,000	2,000 x 1,500 x 1,000
<b>External Dimensions W x D x H (mm)</b>	1,460 x 1,100 x 1,440	1,870 x 1,125 x 1,650	2,420 x 1,150 x 1,700	3,400 x 1,600 x 1,800	3,800 x 1,800 x 2,100
<b>Approx. Crated Dimensions W x D x H (mm)</b>	1,600 x 1,150 x 1,700	2,050 x 1,300 x 1,900	2,600 x 1,300 x 1,850	3,550 x 1,700 x 2,110	Pallets / Container
<b>Approximate net weight</b>	205 kg	210 kg	364 kg	550 kg	890 kg
<b>Approximate Shipping Weight - Crated</b>	258 kg	280 kg	417 kg	850 kg	1,000 Kg
<b>Approximate test volume in liters (L)</b>	600	1,000	1,300	3,000	5,000
<b>Recommended Lab conditions</b>	Temperature: 63 °F (17°C) - 82°F (28°C), Relative humidity: Maximum 85% (without condensation)				
<b>Electrical Supply</b>	208 - 230 V Ø1 50/60Hz				
<b>FLA (208 ~ 230 V – 1 φ)</b>	25A	35A			45A
<b>Test water requirement</b>	ASTM D 1193 Type IV				
<b>DEI water pressure</b>	7 to 14 psi (0.5 to 1.0 kgf/cm <sup>2</sup> )				
<b>DEI water input Ø</b>	1/2"				
<b>Constant Pressure</b>	56 psi +/- 0.7 psi (4 kgf/cm <sup>2</sup> )				
<b>Drink Water Supply</b>	Chamber cleaning				
<b>Corrosive Agent</b>	Per Standard				
<b>Lab exhaust</b>	Fume Hood and motor – if necessary				
<b>Drain</b>	½" PVC tubing or PVC drain 4" at least				
<b>Chamber exhaust</b>	PVC 2" pipe without siphon	4"		4"	
<b>Measurement items: pH, Conductivity NaCl concentration</b>	In accordance with ASTM B 117, JIS Z 2374, ISO 9227				
<b>Service Area</b>	minimum of 19.6" (50 cm) for an easier cleaning, assembling and maintenance				
1 (One) Year Parts Warranty against manufacturing defects from date of delivery at customer's site. This assumes equipment is used under normal operating conditions in accordance to the instruction manual. This warranty does not apply to glassware (lamps). In case of non-warranty issues during warranty period, actual expenses shall apply.					
<b>Note 1:</b> All our equipment is delivered with Installation, Maintenance and User Manual. We believe this material is enough for the correct use of the equipment. We are available for further questions and clarifications. Additionally, if desired, we can provide the technicians to assemble the equipment and conduct staff training at the client's site.					



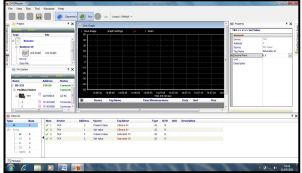




(Cost available upon request).

**Note 2:** Appearance and specifications of equipment are subject to change without prior notice.

**Note 3:** We highly recommend that you don't use the same chamber for different solutions, e.g. don't use a Salt Spray chamber for CASS; Kesternich (SO<sub>2</sub>) test or CASS chamber for humidity test due the chemical contamination that may distort the results. See item 4.6 of Standard ISO 9227.

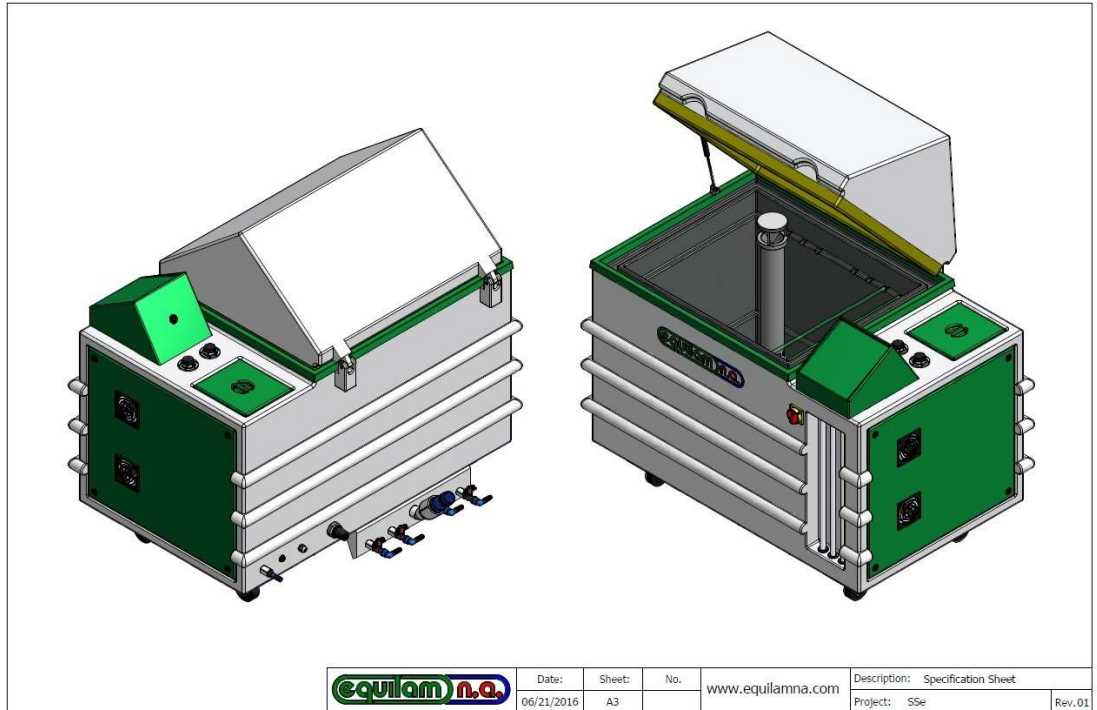
### Optional Accessories

<ul style="list-style-type: none"> <li>• (1) rack - 15° or 20° inclination in accordance with ASTM B117 and ISO 9227.</li> </ul>	
<ul style="list-style-type: none"> <li>• (1) Rack Special rack for fixing screws</li> </ul>	
<ul style="list-style-type: none"> <li>• Special rack for customer supplied test sample.</li> </ul>	<p>Factory Consult</p>
<ul style="list-style-type: none"> <li>• (2) Fog collectors.</li> </ul>	
<ul style="list-style-type: none"> <li>• Fiberglass Fume Hood (hood only).</li> </ul>	
<ul style="list-style-type: none"> <li>• Fiberglass axial fan assembly capacity: 1940 cfm. Net weight: 88 lbs.(40 kg).</li> </ul>	
<ul style="list-style-type: none"> <li>• DI Water for SALT FOG.</li> </ul>	
<ul style="list-style-type: none"> <li>• Hydrometer to measure concentration of saline solution in accordance to ASTM B 117.</li> </ul>	
<ul style="list-style-type: none"> <li>• Plastic bucket with 50lb Salt EQCORR with chemical analysis traceability certificate ISO 17025 in accordance with ASTM B117, ISO 9227, JIS Z 2371, MILS STD 810G, among others</li> </ul>	

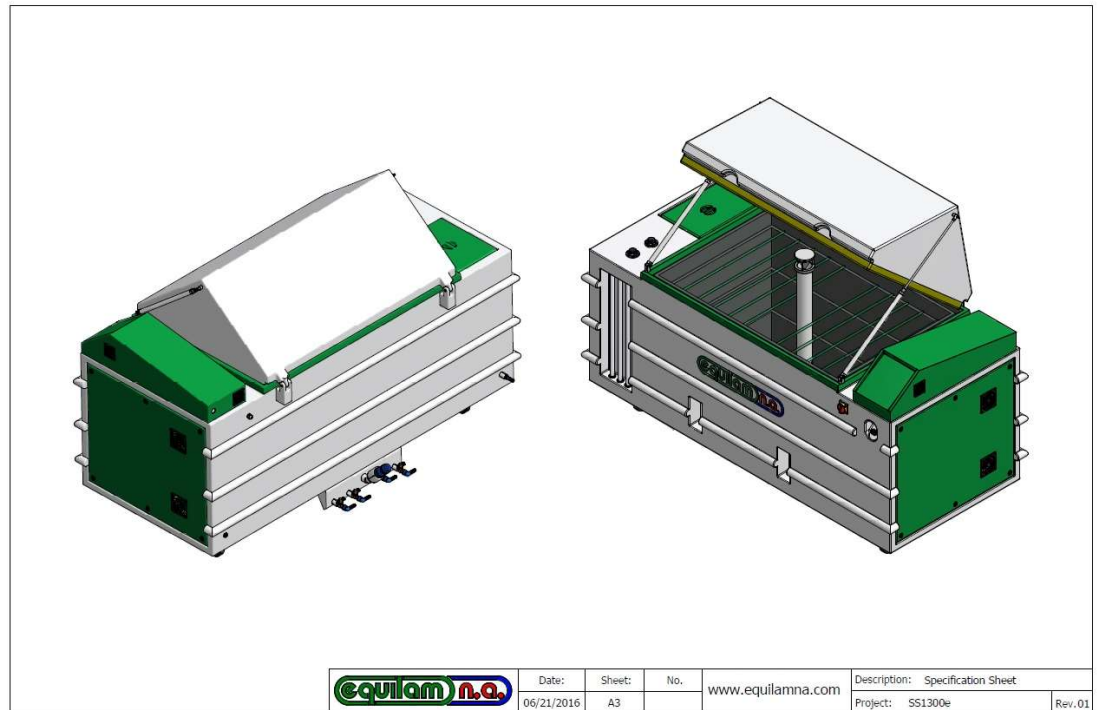
<ul style="list-style-type: none"> <li>• Test Panels – 2.9" x 5" (76mm x 127mm). In accordance with ASTM B 117 (100 Pieces).</li> </ul>	
<ul style="list-style-type: none"> <li>• Test Panels – 2.7" x 5.9" (70mm x 150mm). In accordance with ISO 9227 (100 pieces).</li> </ul>	
<ul style="list-style-type: none"> <li>• Data Acquisition Software:</li> <li>- By PC (RS 232 or USB)</li> </ul>	
<ul style="list-style-type: none"> <li>• Grid type test brackets supports 120 kg with distributed load.</li> </ul>	
<ul style="list-style-type: none"> <li>• Cable port <math>\varnothing = 2''</math> - EQOP 0034</li> </ul>	
<ul style="list-style-type: none"> <li>• pH meter to measure saline.</li> </ul>	
<ul style="list-style-type: none"> <li>• DEI water conductivity measuring equipment according to ASTM D1193 type IV.</li> </ul>	

**Further optional requests shall be considered upon request.**

**NOTE: Chambers with other internal volumes consult us.**

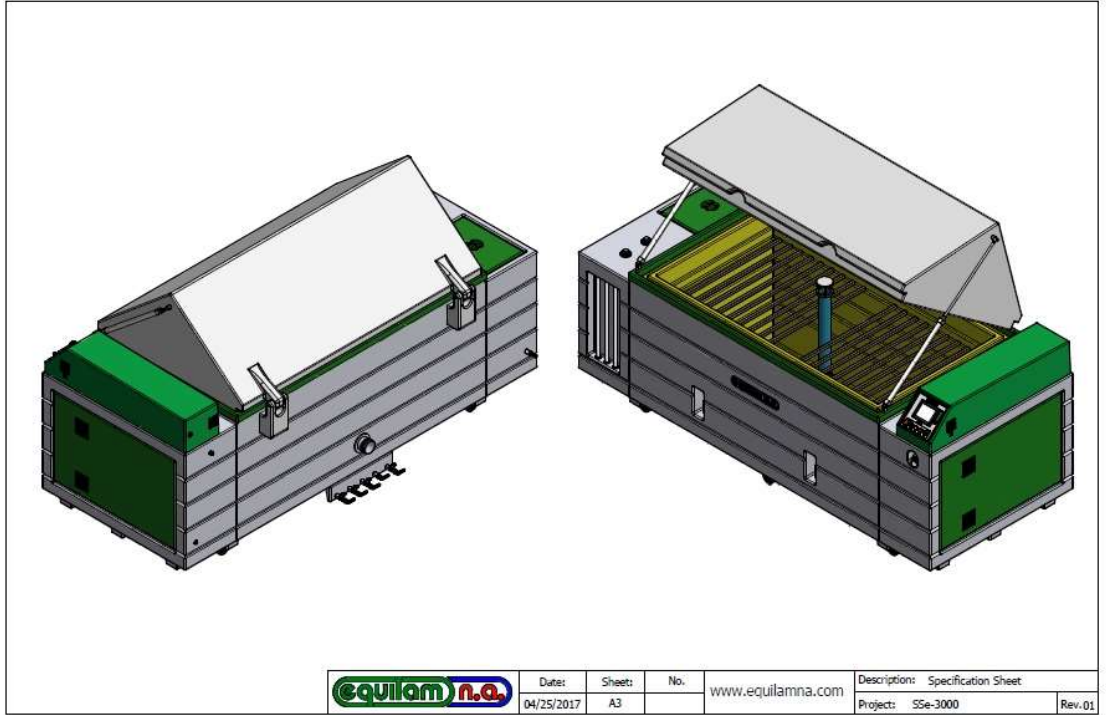


SS600e – SS1000e



SS600e – SS1300e

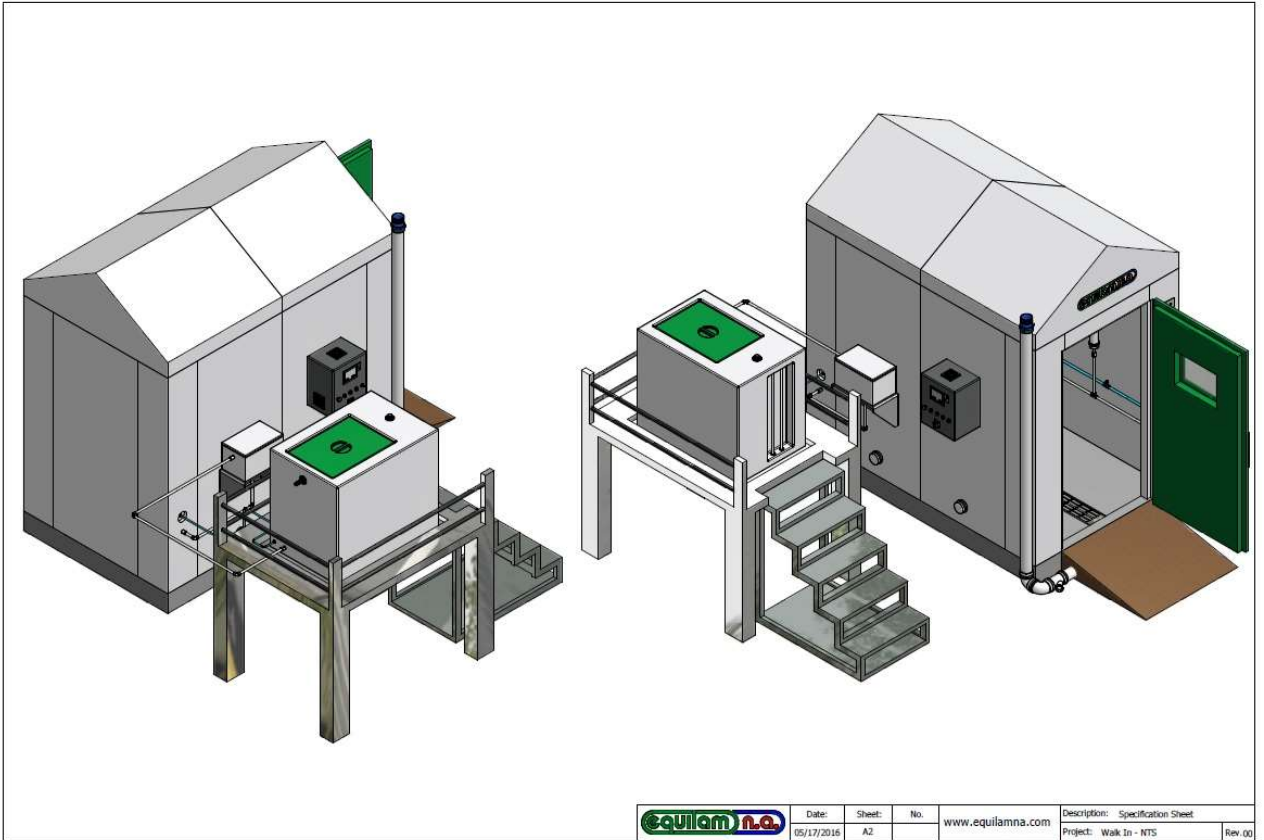




SS3000e



SS5000e



Walk In – Drive In - Consult US.