

ASLI Sulfur Dioxide Spray Chamber



Sulfur Dioxide Spray Chamber

Application:

Sulfur Dioxide Spray Chamber are widely applied to the accelerated corrosive testing of the protective layer from metallic materials, as well as parts, electrical components and industrial products. It can reproduce the corrosion process happened to the painted or untreated metal surface. Therefore it can be used to perform various kinds of corrosion test in according to relevant standards, such as ISO6988-1985.

Sulfur Dioxide Spray Chamber Technical Parameters:

Model	SDH-60	SDH-90	SDH-120
Internal Dimension WxHxD (mm)	600x450x400	900x600x500	1200x800x500
External Dimension WxHxD (mm)	1100x600x1200	1400x950x1200	1900x1300x1400
Lab Temperature	Saline test (NSS ACSS) 35±1 °C ;Corrosion Test (CASS)50±1 °C		
Pressure Bucket Temperature	Saline test method (NSS ACSS) 47±1 °C / Corrosion Test (CASS)63±1 °C		
Lab Capacity (L)	110	270	500
Saline Capacity (L)	15	25	40
Salt concentration	5% concentration of NaCl, or every Liter 5% NaCl add 0.26g CuCl ₂ H ₂ O		

Compressed Air Pressure (KGf)	1.0~6.0		
Spray Volume	1.0~2.0ml /80cm ² /h(working at least 16 hours, and take the average value)		
Spray Form	Continuous Spraying or Programmable Spraying		
Gas Density	0.1~1% adjustable		
Gas Generated	Titration/cylinder Method		
Power	AC220V 1 phase 3 lines 15A	AC220V 1 phase 3 lines 15A	AC220V 1 phase 3 lines 15A

Features:

Anti-corrosive CPVC plate is formed integrally through pressing and with no leakage. The space between tank lid and tank body is water sealed with no air leaking. While the lid, which is made of transparent material, allows you to observe the testing items inside clearly to know the status. Sulfur Dioxide Spray Chamber has been equipped with double air filter ensure that the emission gas brings no contamination to environment. Wired control board and other electrical components are positioned in certain places for easy check and maintain.

Pictures for reference:

