

## SAM-Y series Salt Spray Chamber



### Introduction

SAM-Y series Salt spray tester is one kind of artificial environmental testing equipment, it produces a corroding environment in the chamber and thus, parts in it are attacked under this severe corroding atmosphere. It's an important apparatus to check the certain parts suitability and reliability, commonly used in mechanical, national defense, light industry, electronic, instruments etc. This tester can be used to execute solution as NSS (Neutral Salt Spray), as well as ASS (Acetic acid Salt Spray).

### Features

This tester conform with CNS, ASTM B117, JIS and ISO 9227 etc. standard, used to test the corrosion resistance performance of different material after protective finish like coating, electroplate, anti-rust oil.

**Spray mode:** A: Continuous salt spray; B: Controllable salt spray.

- 1, Mainly consist of tank, pneumatic system, heating unit and control system;
- 2, Tank adopt imported anti-erode, anti high temperature, aging resistance PVC plate, molding and high temperature welding joint, easy clean and no leakage;
- 3, Upper cover use transparent glass steel, convenient for operate to observe the sample and spray situation;
- 4, The junction of tank and cover adopt water sealing structure, easy to close and open the cover without salt fog overflow;
- 5, Several layers racket in the tank, to realize sample putting at various direction;
- 6, Tower type spray system, to make fog spray and falling uniform, avoid salt fog crystal;
- 7, Independent heating system to ensure the heating effective;
- 8, Temperature control adopt RKC temperature controller, with PID function, high accuracy and long working life;
- 9, Wire control panel and other component all located at right side of tank, with lock door can easy inspect and maintain.

**Specifications**

Model	SAM-Y60	SAM-Y90	SAM-Y110	SAM-Y130
Inner dimensions(D*W*H) mm	450*600*400	600*900*500	750*1100*500	800*1300*600
Outer dimensions(D*W*H) mm	580*1140*1000	770*1440*1250	920*1640*1450	1090*1960*1600
Working Chamber volume	108L	270L	412L	624L
Temperature range	35℃~55℃			
Temperature fluctuation	less than 0.5℃			
Temperature uniformity	less than 2℃			
Salt spray settling amount	1-2ml/80cm <sup>2</sup> .h			
Time	1-999.9 (S,M,H)			
Fog spray mode	Consequent, tower spray system, quartz glass nozzle			
Temperature sensor	Anti-corrosion platinum resistance			
Controller	Japan "RKC" brand			
Safety	Voltage, current, over heating, lack water etc.			
Power	AC220V 1PH 50HZ		AC380V 3PH 50HZ	

*\* Customized special chamber dimensions available.*