

## Alternating Salt Spray Test Chamber

交变盐雾试验箱 TS Series



### Product Introduction

Alternating Salt Spray Corrosion Test Chamber test products protective layers' resistance to alternating salt spray corrosion, the chamber is widely applied on outer shell of electronics, marine craft, metal materials and industrial products, the chamber is made by imported reinforced PP plates (or PVC), which are aging resistant, anti-corrosion, and easy to clean without leakage.

### Technical Parameters

Model	TS-150	TS-250	TS-750	TS-010	TS-016
Interior Dimension (W*D*H)mm	600×450×400	900×600×500	1100×750×500	850×1300×600	850×1600×600
Exterior Dimension (W*D*H)mm	1600×950×1050	1900×1100×1150	2180×1250×1260	2500×1350×1390	2800×1380×150
Controller	7" Programmable LCD controller				
Temperature Range	Salt spraying environment: 35°C ~ 55°C; Damp heat environment: 40°C; Ambient environment: 23°C				
Saturated Bucket Temp. Range	RT+10°C ~ 60°C				
Working Chamber Hum. Range	Salt spraying: 95% ~ 98% Damp heat: 93% Ambient: 45% ~ 55%				
Temperature Uniformity	≤±2°C				
Temperature Fluctuation	≤±0.5°C				
Temperature Bias	+2 ~ 3%RH				
Spray Quantity	1~2 ml / 80 cm <sup>2</sup> /h				
Spray Mode	Continuous, periodic				
Test Timing Range	1~999(S,M,H)				
Temperature Humidity Sensor	PT100				
Heating system	Full independent M type air heater				
Refrigeration	France Tecumseh compressor				
Salt Solution Collection	Standard funnel and measuring tank				
Spray System	Tower type spray, Crystallization free nozzle				
Salt Solution Preheat	Preheat salt solution to keep same temperature as that in test chamber				
Interior Material	Import PP board(or PVC), anti-corrosion, high temperature resistant, aging resistant and high-intensity				
Exterior Material	Import PP board(or PVC), anti-corrosion, high temperature resistant, aging resistant and high-intensity				
Tank Cover Material	Import transparent PVC board, anti-corrosion, high-intensity				
Sealing	Watertight sealing structure without salt mist overflow				
Protection Devices	Over-temperature, default phase protection, water shortage protection, overload protection				
Standard Configuration	One set of "V" type sample holder, and one set of poles.				
Power Supply	AC380V±10% 50HZ/60HZ				

·Permissible environmental condition: temperature (18 to 30°C) and relative humidity > 85% RH.

·All data are under ambient temperature 20°C, unload.