

# Salt Spray Testing Chamber

## Technical Data



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## ※※※SOLUTION※※※

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**Product name: Salt Spray Test Chamber**

**Model: SM-Y-60D**

### 1. Applications:

Corrosion Test Chamber is used for testing the corrosive resistance of products surface with paint, electroplating, inorganic and organic film, anode handling, anti-rust oil, etc.

### 2. Product Specifications/Features

- (A) testing room using PVC polyvinyl chloride plate (from Taiwan), acid-resisting and alkali-resisting, cleaning easier.
- (B) cover of testing room using acrylic panels (imported organic glass), the thickness is 5mm.
- (C) reagents added bottles attached with water gauge, cleaning easy and not easy to break.
- (D) saturated air barrels is made of SUS # 304 stainless steel.
- (E) testing room to adopt indexing frame, can be arbitrarily adjust the angle, Surrounded by fog and placed more piece.

### 3. According to CNS JIS ASTM GB2423.19 specifications, can be achieved constant temperature control

(A) Salt spray test: NSS, ACS

1. testing room : 35 °C ± 1 °C

2 saturated air barrels : 47 °C ± 1 °C

(B) anti-corrosion test: CASS (copper acetate)

1. testing room: 50 °C ± 1 °C

2. saturated air barrels: 63 °C ± 1 °C

3. air supply system: air pressure 1Kg/cm<sup>2</sup> Two-stage adjustments (coarse / fine-tuning).

(A) the first paragraph for the rough adjustment 2-2.5Kg/cm<sup>2</sup>, the second paragraph to fine-tune 1Kg/cm<sup>2</sup>.

(B) Testing configuration is switch connector designed for SO<sub>2</sub>.

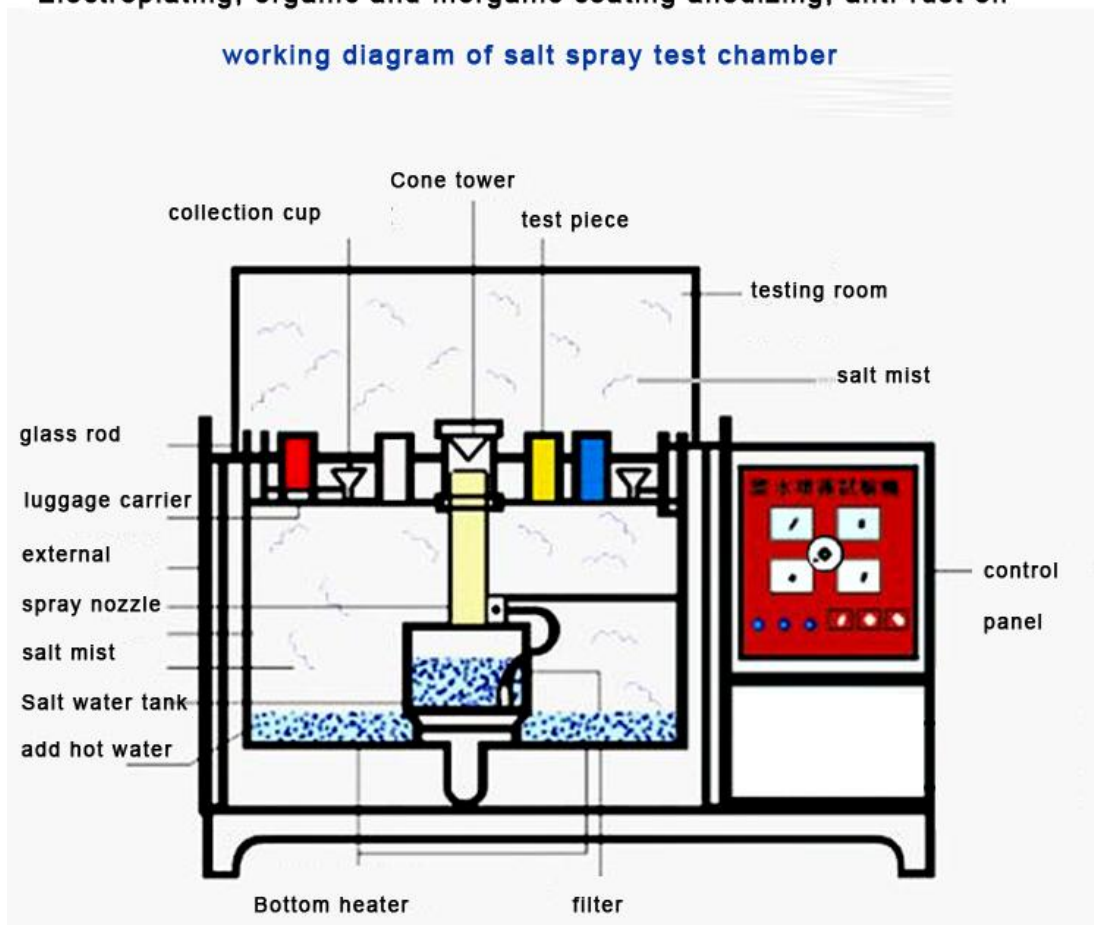
- Manufacturing environmental test chambers with 20 years experience
- Independently developed controller
- Energy saving 40%
- Approved CE/ISO certification

**PRODUCT PARAMETER**

Name		Salt Spray Test Chamber			
Model		SM-Y-60D	SM-Y90-D	SM-Y-120D	SM-Y-160D
Inner dimension (mm)		600*450*400	900*600*500	1200*800*500	1600*900*600
Outer dimension (mm)		1170*1100*720	1470*1250*820	1750*1350*950	2100*1400*1050
Spray method		Non crystalline nozzle	Non crystalline nozzle	Non crystalline nozzle	Non crystalline nozzle
Sample number 150*70(mm)	15° angle	48	60	48	60
	30° angle	32	40	32	40
Laboratory temperature		+35℃/ +50℃	+35℃/ +50℃	+35℃/ +50℃	+35℃/ +50℃
Salt solution temperature		+35℃/ +50℃	+35℃/ +50℃	+35℃/ +50℃	+35℃/ +50℃
Saturation temperature		+47℃/ +63℃	+47℃/ +63℃	+47℃/ +63℃	+47℃/ +63℃
Heater	Laboratory	1.5 KW	1.7KW	2.5KW	3.0KW
	Saturation device	0.5KW	0.5KW	0.5KW	0.5KW
Tank		Plastic tank 15L	Plastic tank 25L	Plastic tank 40L	Plastic tank 40L
Compressor		200W1/ 4HP 2-4KG	200W1/ 4HP 2-4KG	200W1/ 4HP 2-4KG	200W1/ 4HP 2-4KG
Power supply capacity		AC 220V,1φ. 2.2KVA	AC 220V,1φ. 2.4KVA	AC 220V,1φ. 2.2KVA	AC 220V,1φ. 2.4KVA
Weight		About 60kg	About 85kg	About 110kg	About 125kg

**Salt spray test machine for surface treatment of various materials, including paint, electroplating, organic and inorganic coating anodizing, Rust oil, chemical treatment of corrosion-quality, and then reached a long time of corrosion resistance. Applicable industries: metal, paint, Electroplating, organic and inorganic coating anodizing, anti-rust oil**

**working diagram of salt spray test chamber**

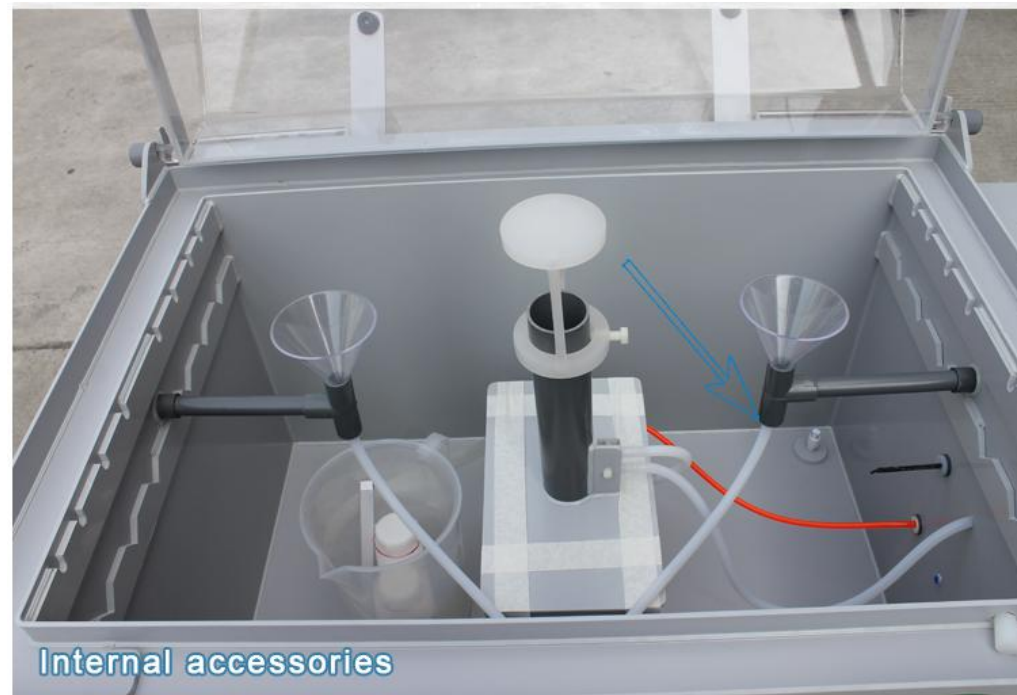


**11. Parts list of the Salt spray testing chamber**

Name	Brand	Qty	Name	Brand	Qty
Temperature and humidity control	South Korea TEMI880	1	Drying filter	Denmark DANFOSS	1
AC contactor	German Schneider	3	Cold suspect	Taiwan Zhongli	1
Thermal Relay	German Schneider	1	Evaporator	Taiwan Zhongli	1
SolidState Relay	Japan's Omron	2	Heaters	Taiwan Flying	2
Intermediate Relay	Japan's Omron	4	Buzzer	Taiwan Zhifeng	1
Temperature sensitive line	Taiwan Thermaway	2	Lamp	PHILIPS	1
Time relay	Taiwan ANLY	1	Switching Power Supply	Taiwan Meam Well	1
No fuse switch	German Schneider	2	Emergency stop button	Taiwan Tiande	1
Adjustable speed motor	Taiwan Yutian	1	The wind wheel	Taiwan Jianli	1
Button Switch	German Schneider	2	Compressor	France Tecumseh	1
Circulating Motor	Taiwan TECO	1	Leakage circuit breaker	German Schneider	1
Ozone generator	Taiwan Kangli	1	Sensor	Taiwan Thermaway	1



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control panel

Shipping & packing procedure



Environmental chamber have passed all the inspection and ready for packing



Paper angle bead



Bubble bag



Fixed wooden case



We packed it with fumigation and wooden case to protect the goods from any damage