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# Salt Spray Corrosion Test Chamber

## Summary

**Model: SRYW-60-90-120-160**

Salt Spray Test is a standardized and popular corrosion test method, used to check corrosion resistance of materials and surface coatings.

Usually, the materials to be tested are metallic and finished with a surface coating which is intended to provide a degree of corrosion protection to the underlying metal.



## Heating system

- Adopt u-shaped titanium alloy high-speed heating electric heat pipe.(Strong in corrosion resistance)
- Water and electricity fully independent system, does not affect the salt fog test and control circuit
- Temperature control output power are calculus by the microcomputer (High precision, high efficiency and power saving is about 30%)
- Low water level protection system.

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## Spray system

1. Spray device: spray tower using a nebulizer (spire height adjustable), guiding salt spray, fog particles small, natural subsidence; without nozzle salt crystals, tunable settlement.
2. Spray gas treatment: two spray gas regulator regulator, the same period the oil to be filtered, humidified gas preheating
3. fogging treatment: spray brine stored as hidden and built a large storage capacity, brine with preheating Function. Saline spray before brine with quartz filter element, to avoid blocking the nozzle of impurities Sergio terminal test.

## Test standards

- **CNS: 3627, 3385, 4159, 7669, 8886.**
- **JIS: D0201, H8502, H8610, K5400, Z2371.**
- **ISO: 3768, 3769, 3770.**
- **ASTM: B 117, 8117, B268.**

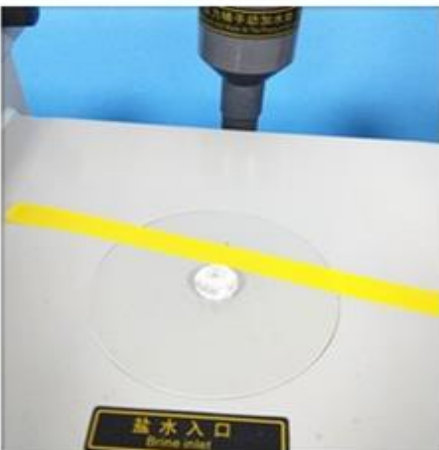
## Features

1. Automatic add water when water shortage, with a group of manually water.
2. Special glass nozzle(PYREX), guarantee non-crystalline block.
3. With dual over-temperature protection, water shortage warning, ensure safety use.
4. Temperature device adopts digital display, PID control, precision is 0.1 centigrade degree.
5. Chamber adopts direct steam heating method, fast warming, shortening standby time
6. Spray tower attached cone diffuser, with functions of directional mist, adjustable mist, uniformity fog Lamp.

## Technical parameters

| Model                              | SRYW-60  | SRYW-90    | SRYW-120    | SRYW-160    |
|------------------------------------|--|------------|-------------|-------------|
| Test room size(cm)                 | 60x45x40   | 90x60x50   | 120x100x50  | 160x100x50  |
| Outside box size(cm)               | 107x63x118   | 141x88x128 | 190x120x140 | 230x130x140 |
| Testing room temperature           | Salt Test (NESS ACSS) 35°C±1°C /<br>Corrosion Test (CASS) 50°C±1°C   |            |             |             |
| Saturated air barrel Temperature   | Salt Test (NESS ACSS) 47°C±1°C /<br>Corrosion Test (CASS) 63°C±1°C   |            |             |             |
| PH                                 | Salt Spray Test (NESS ACSS) 6.5~7.2<br>Corrosion-resistant Test(CASS) 3.0~3.2                                  |            |             |             |
| Spray volume                       | 1.0~2.0ml/h  |            |             |             |
| Testing room relative humidity     | > 85%  |            |             |             |
| Salt concentration                 | The concentration of sodium chloride 5%  |            |             |             |
| Testing room Capacity              | 108L   | 270L       | 480L        | 800L        |
| Brine tank capacity                | 15L  | 25L        | 40L         | 40L         |
| Air pressure                       | 1.00±0.01kgf/cm <sup>2</sup>   |            |             |             |
| Spray form                         | Programmable spray (Including continuous and intermittent spray)   |            |             |             |
| Multiple safety protection devices | Current discharge protection, over pressure protection, over temperature protection, over load fuse protection |            |             |             |
| Power                              | 220V,10A   | 220V,15A   | 220V,20A    |             |

Real imagines



## After-sales Service



- 1) 12 months product warranty. Free components will be provided if any performance failure occurs within 12 months caused by non-human damage.
- 2) If you face any problems in future during testing process, We will serve as a technical adviser for lifetime, give you a reply within 48 hours and the solution provided within 3 working days.
- 3) We will provide some guidance for the normal use of the machine, and in the case of the machine is not used for a long time, protection guidance provided, then keep the good performance of the machine.
- 4) We can offer operation video and operation manual, also can provide video-conference.
- 5) If necessary, on-site service will be provided, but the transport and travel expense shall be borne by customer.

## Cooperation Customer

Together create a better future

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## SUNRISE Factory

Though 11 years of continuous development, our company has established the main products line of **universal tensile testing machines** for tension, compression, flexure, and shear; **environment testing chambers**; **mobile phone testers** and **abrasion testing machines**. Our equipment is used in over 80 countries worldwide and supported by a network of offices and approved agencies. Our products are used in all industries and educational sectors and we have an enviable reputation for innovation, quality product and excellent customer support.



|                                     |                                   |                               |                                       |
|-------------------------------------|-----------------------------------|-------------------------------|---------------------------------------|
|                                     |                                   |                               |                                       |
| 灯照耐黄变试验机<br>Discoloration chamber   | 淋雨试验箱<br>Water spray test chamber | 沙尘试验箱<br>Dust test chamber    | 程式恒温恒湿试验箱<br>Temperature test chamber |
|                                     |                                   |                               |                                       |
| 紫外加速老化试验机<br>UV accelerates chamber | 紫外耐候试验箱<br>UV weather chamber     | 氙灯老化试验箱<br>Xenon lamp chamber | 盐雾试验箱<br>Salt spray chamber           |

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Here just show part of environmental tester we produce, any other testers pls kindly tell us technical parameters or what you test.



**We have professional packing workers to pack well your products!**

1. Out packing: Standard export wooden case.
2. Inner packing: With careful stretch film wrap product, hard wood board+ strong bandage to fix corners.
3. Checking teams: Specialized staff to inspect and classified your goods



We have professional packing team, always care about every details for you from packing before .



**What we produce? (always accept customize)**

1.Universal tensile testers      2.Snap button tester      3.Environmental climatic testers

4.Mobile/Laptop testers      5.Paper&package testers      6. Abrasion resistance testers

7.Insertion&withdrawal force tester      8.Color testers      9.Rubber/plastic testers

10.Fabric&textile testers      11.Other testers

