

## Maneuverable Salt Spray Test Machine 3KW Stable Salt Fog Test Equipment

Our Product Introduction

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### Basic Information

- Place of Origin: Guangdong , China
- Brand Name: YueXin
- Certification: IEC68-2-11; ASTM.B117-97; IEC68-2-521996; JIS H8502; CNS.4158; GB/T2423.17-1993
- Model Number: YX-YW-A-60L
- Minimum Order Quantity: 1 pcs
- Price: usd+20000-50000+pcs
- Packaging Details: wooden box package
- Delivery Time: 30-45 days
- Payment Terms: T/T
- Supply Ability: 100+pcs+30



### Product Specification

- Goods Name: Salt Spray Test Machine
- Material: PVC
- Experimental Scenarios: Marine Erosion, Humid And Rainy, Industrial Acid Fog And Other Environments
- Power Supply: 220V/50HZ
- Power: 3kw
- Outer Size: Approx W1900×D 1200×H 1500 (mm)
- Test Function: Salt Spray Test
- Sample Load-bearing: 30kg
- Highlight: Maneuverable Salt Spray Test Machine, Salt Spray Testing Machine 3KW, Stable Salt Fog Test Equipment



### More Images



## Product Description

### Maneuverable Salt Spray Environmental Chamber ,Stable Salt Fog Climatic Chamber

#### The main technical information:

Item	Specification
laboratory temperature	Salt spray test (NSS ACSS) $35 \pm 1$ ; Corrosion test (CASS) $50 \pm 1$
pressure barrel temperature	Salt spray test (NSS ACSS) $47 \pm 1$ ; Corrosion test (CASS) $63 \pm 1$
Salt water concentration	The concentration of sodium chloride solution is 5% or 0.26 grams of copper chloride per liter is added to the concentration of sodium chloride solution of 5%
PH acid-base value	6.5~7.2 3.0~3.2
compressed air pressure	$1.00 \pm 0.01 \text{ Kg/cm}^2$
Spray amount	$1.0 \sim 2.0 \text{ ml/80 cm}^2/\text{h}$ (collect at least 16 hours, take the average value)
laboratory relative humidity	85% or more
spray method	Continuous/intermittent spray (optional)
temperature fluctuation	$\leq 0.5$
temperature uniformity	$\leq 2.0$
temperature deviation	$\leq 2.0$
power supply	220V/50Hz

#### Standard parameters:

The salt spray testing apparatus serves as a vital tool in assessing the durability of materials against corrosion. By exposing specimens to a fine spray of saline mist, it mimics extreme maritime conditions. This enclosed system rigorously examines the resilience of metals, protective coatings, and various materials to the erosive effects of salt. The chamber ensures accuracy and consistency in test outcomes through meticulous regulation of parameters such as temperature, humidity levels, and salt content.

It is made of PVC with strong mechanics structure; Machine frame is acid proof, alkali proof, temperature proof and never aging, suitable for salt spray, cupric acetate various test specifications.

Customized nozzle makes spray device to spray fog fast and evenly.

The spraying and stop-fogging time can be set separately for cyclic intermittent spraying.

Add water in the sealing tank to prevent the mist from leaking out.

The spray tower adopts a conical disperser, which has the functions of guiding the mist, adjusting the amount of mist and evenly falling mist. Heating system: fast heating, when the temperature reaches the set value, it will automatically switch to the constant temperature state.

Water filling system: automatically add water to the pressure barrel and test chamber to prevent damage to the instrument due to water shortage.

Demisting system: clear the salt mist in the test chamber during the test process or in the shutdown state to prevent the corrosive gas from flowing out and damaging other precision instruments in the test room.

Safety protection: low water level alarm, over temperature alarm, salt water level alarm, leakage protection.

#### Application:

The salt spray machine is commonly seen in quality control and research and development processes in industries such as automotive, aerospace, electronics, and construction. It is widely used to evaluate the durability of materials like metals, coatings, electronic components, etc., in marine, humid, or salt-corrosive environments, thereby screening for high-quality products.

#### Installation requirements:

Aisle: Before the equipment enters the factory, please confirm that the space in the aisle, elevator, laboratory, etc. of the factory area is sufficient for the equipment to pass through.

Water source: Please prepare purified water.

Power supply: 220V/50HZ 3kw; please check whether it is compatible.

Air source: Please prepare a compressed air source with an output pressure of 0.6-0.8Mpa<sup>4</sup>.

Site space:  $\geq W2500 \times D1800 \times H2500 \text{ mm}$

The room needs to reserve a drain, and the bottom of the left side of the machine can be connected to the water pipe for drainage.

Use environmental conditions:

1 Temperature: 8 50 .

2 Relative humidity: less than 85% .

3 No direct sunlight or direct radiation from other heat sources.

4 There is no high concentration of dust and corrosive substances around.

#### Remark:

1 The pictures in this document are for customer reference only, and there may be color differences between the actual model and the pictures.

2 This document only lists some test standards, which does not mean that other test requirements and standards cannot be conducted. Welcome to communicate and discuss with us.

3 Our company has other types of testing machines that can be supplied, and users are welcome to consult.

4 The user needs to prepare an air compressor in advance (recommended gas storage capacity > 60L). If you need us to buy it on your behalf, you need to explain in advance.

5 The photos may not match the actual ones, and are for user reference only.

**The product detail images:**



inner box

control panel

**Tags:** Salt Fog Test Chamber , Salt Spray Testing Machine , Salt Testing Machine



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