

Salt Spray Testing Chamber , Auto Technology Salt Fog Chamber

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-40-B
- 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

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



More Images



Product Description

Salt Spray Testing Chamber, Professional Salt Fog Environmental Chamber

The main technical information:

Item	Specification
laboratory temperature	Salt spray test (NSS ACSS) 35 ± 1 ; Corrosion test (CASS) 50 ± 1
pressure barrel temperature	Salt spray test (NSS ACSS) 47 ± 1 ; Corrosion test (CASS) 63 ± 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	≤ 0.5
temperature uniformity	≤ 2.0
temperature deviation	≤ 2.0
power supply	220V/50Hz

Standard parameters:

Designed for evaluating corrosion resistance, the salt spray chamber operates as a sophisticated machine. It creates a simulated oceanic environment by exposing test samples to a fine mist composed of saltwater. This environment, tightly controlled, rigorously assesses the durability of metals, surface coatings, and other materials against the corrosive influence of salt. Precision controls over factors like temperature, humidity, and salt concentration guarantee reliable and reproducible test results.

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.

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.

Air source: Please prepare a compressed air source with an output pressure of 0.6-0.8MPa.

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: $8 \sim 50$.

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.

Serve scene:

In industries ranging from automotive to aerospace, electronics, and construction, the salt spray machine is a frequent sight in both quality assurance and R&D endeavors. It serves as a vital tool for assessing the longevity of materials including metals, coatings, and electronic parts under marine, humid, or saline corrosion conditions, ultimately facilitating the selection of premium products.

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:



and drain valve

inner box

water inlet, exhaust port

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

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