

## Multifunctional IPX69K Waterproof Test Chamber 304 Stainless Steel Water Spray Test Equipment

Our Product Introduction

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### Basic Information

- Place of Origin: Guangdong , China
- Brand Name: YueXin
- Certification: ISO 20653:2013, DIN 40050-9:1993, IEC60529:2013 VW 80000:2017 LV124 K-10
- Model Number: YX-IPX69KAE
- 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 Dimension: Approx W 1200×D 1000×H 1300 (mm)
- Turn Table Load Bearing: 50KG
- Turntable Height: 500mm (non-lifting)
- Material: 304 Stainless Steel
- Turn Table Diameter: 400mm
- Goods Name: IPX69K Test Chamber , Waterproof Testing Chamber
- Highlight: **Multifunctional Waterproof Test Chamber, IPX69K Waterproof Test Chamber, Stainless Steel Water Spray Test Equipment**



### More Images



## Product Description

### Multifunctional IPX69K Waterproof Test Chamber 304 Stainless Steel Water Spray Test Equipment

#### Description:

IPX69K is a comprehensive equipment that can meet the testing requirements of both IPX56 and IPX9. Moreover, it is capable of controlling parameters such as water pressure, water temperature, and spray duration, so as to evaluate the waterproof performance of products under different conditions and ensure the accuracy of test results.

The left side of the equipment is the control box, and the right side is the water storage tank. The volume of the water tank is about 400L.

There is a water level control in the water tank, with a low water level prompt (water shortage alarm).

The sample power socket (220V, 10A) is mounted on the side of the turntable, which is convenient for the user to do the live test of the sample; and after the sample is powered on, the turntable rotation will be automatically adjusted to forward and reverse rotation to prevent winding <sup>5</sup>.

A special bracket is provided to allow users to test easily.

Spray angle can be adjusted manually.

Controller: 7-inch touch screen + PLC, using Yuexin self-developed software, which can be switched to multiple languages <sup>6</sup>.

Universal casters are mounted on the bottom, which has good load-bearing and easy to move and fix the equipment.

Protection measures: short circuit protection, water shortage alert.

#### Application:

As the IPX6-9K water spray test equipment can verify waterproof performance under various extreme environmental conditions, they are widely used in product testing that requires high waterproof performance, such as the outdoor electronic devices, large-sized battery packs, large electromechanical equipment, and automotive parts.

#### Technical data:

##### IPX5/6

Item	Specification
Diameter of nozzles	IPX5: 6.3mm ; IPX6: 12.5mm
Storage tank volume	About 400L
Water flow	IPX5: 12.5±0.625 L/min ; IPX6: 100.0±5 L/min
Test time <sup>7</sup>	0-999min
Spray distance	2.5-3.0m(controlled by user)
Flow control <sup>8</sup>	Manual adjustment with flow meter
Water pressure	Not adjustable (pressure gauge display)

##### IPX9K

Item	Specification
Number of nozzles	4
Nozzle angle	0°,30°,60°,90°
Water flow	14-16L/min
Flow control	Automatic adjustment
Storage tank temperature	80±5
Spray pressure	8000-10000Kpa
Test time	120 seconds, 30 seconds per position
Power supply	380V/50HZ
Power	18.0kW

#### 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 One test only at the same time. The next project can be only carried out after the current test is completed. In addition, we can provide multi-functional customized test solutions according to user requirements.

4 Standard load-bearing upper limit of turntable is 50kg, but also can be customized per requirements.

5 Please inform in advance if the voltage(220V) does not match the actual needs so that we can provide customized solutions for you.

6 At present, only Chinese and English interfaces are supported; if other languages are introduced, the software can be updated remotely.

7 Since the capacity of the water storage tank is limited, and the spray water cannot be recycled quickly, it is recommended that the user set the test time between 3-5 minutes to avoid insufficient water supply.

8 The standard model is adjusted by a flowmeter, and the upper surface of the float is aligned with the scale to read the data; if you need to export the test data, you can choose a flow sensor.

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

#### Product picture show:



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**Tags:** IPX69K Waterproof Equipment , IP Grade Climatic Chamber , IPX69K Testing Machine



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