

1000L Water Jet Test Chamber , Programmable Rain Test Chamber IPX5 IPX6

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-IPX56B-1000L
- 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

- Controller: 7-inch Touch Screen + PLC
- Goods Description: Rain Test Chamber, Water Jet Tester
- Inspection Window: Tempered Glass
- Turn Table Diameter: 400mm
- Turn Table Load Bearing: 50KG
- Operating Scenario: Water Spray, Powerful Water Spray
- IP Grade: IPX5 IPX6
- Rotating Speed: 1-5 Rounds Per Minute
- Highlight: **1000L Water Jet Test Chamber , Programmable Rain Test Chamber**



Product Description

1000L Water Jet Test Chamber, Programmable Rain Test Chamber for IPX5 IPX6

General specifications:

| | |
|--------------|---|
| Size | Outer: Approx W 1130×H 1140 (mm); Inner: W 1000×D 1000×H 1000 (mm) |
| Material | External: steel plate Internal: 304 stainless steel |
| Power supply | 380V/50HZ |
| Power | 2.0kW |

Product information:

Unlike handheld spray guns, this solution minimizes manual intervention and incorporates water recycling features, resulting in reduced operational costs.

There is a water storage tank inside the equipment and a water level control system. When the water is full, it will prompt, and when it is short of water, it will alarm.

The sample power socket (220V, 10A) is mounted on the right wall of the inner box, 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 winding⁵.

There is a waterproof lighting inside, which is convenient for users to observe the test situation.

Controller: 7-inch touch screen + PLC, using Yuxin self-developed software, which can be switched to multiple languages⁶.

Test time setting: 0-999min⁷.

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.

Standard features:

| Item | Parameters |
|-----------------------------|---|
| Diameter of Nozzles | IPX5 : 6.3mm; IPX6 : 12.5mm |
| Water flow | IPX5 : 12.5±0.625 L/min IPX6 : 100.0±5 L/min |
| Flow control ⁸ | Manual adjustment with flow meter |
| Water pressure | Not adjustable (pressure gauge display) |
| Spray distance ⁹ | 2.7m |
| Nozzle angle | Fixed, manually adjustable |
| Turntable height | Approx 100mm (non-lifting) |
| Power supply | 380V/50HZ |
| Power | 2.0kW |

Application:

The IPX56 spray test chamber is designed to replicate challenging environments with heavy rainfalls and high-pressure water sprays, ensuring products function flawlessly in all weather variations. Its application is ubiquitous in waterproof testing for a broad spectrum of products, encompassing electronics, lighting devices, automotive components, electrical appliances, cabinets, and innovative smart wearables.

Cautions:

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 30kg, 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 It is recommended to set the test time according to the test standard. The water temperature will rise due to long time test which has an impact on the test results.

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 This distance is the range from the nozzle to the center of the turntable. If the user wants to extend the spraying distance, he needs to explain in advance.

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

Product detail image:



room lamp

Tags: Water Jet Test Equipment, IPX5 IPX6 Rain Test Chamber, Water Jet Test Chamber

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