

IPX3 IPX4 200 mm Pressurized Rain Test Chamber , Specific Rain Spray Test Equipment

Our Product Introduction

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-IPX34KB-R200
- 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

- Material: Outer: Steel Plate; Inner: 304 Stainless Steel
- Application Scenarios: Rain、 Splash Water
- Controller: 7-inch PLC Touch Screen
- Turn Table Diameter: 200mm
- Turn Table Load Bearing: 20KG
- Rotating Speed: 1-5 Rounds Per Minute
- Observation Window: Tempered Glass
- Product Name: Waterproof Testing Chamber , Rain Spray Climatic Chamber
- Highlight: ipx3 water spray test equipment,
ipx4 water spray test equipment,
ipx4 ipx3-4 rain spray test equipment

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Product Description

IPX3 IPX4 200 mm Pressurized Rain Test Chamber , Specific Rain Spray Test Equipment

General specifications:

Outer dimension: Approx W 955×D 690×H 1415(mm)
 Inner dimension: W 500×D 500×H 500 (mm)
 Power supply: 220V/50HZ
 Power: 1.0kW

Description:

The swing tube rain test chamber boasts a pressurized system that simulates real-world water exposure, ensuring more accurate waterproof testing. Its PLC-controlled operation offers high automation and precision, while the adjustable swing angles and water flow rates cater to diverse testing needs. The sturdy construction and safety features guarantee reliable performance and operator safety.

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

Controller: 7-inch touch screen + PLC, using Yuexin 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.

The equipment adopts stainless steel water pump to ensure that the machine operates for a long time without rusting and is very durable.

Using Yuexin independent research and development and design of the operating interface, support for multi-language switching, and in the case of networking can be handled remotely to deal with program problems.

The equipment is painted in Yuexin's standard blue and white colour to emphasise the waterproof theme.

Internal front water storage tank, can be convenient for maintenance and timely water change, the water tank has a filter, can prevent parts impurities into the pump.

Box-type structure, can be recycled water testing, saving resources and more environmentally friendly (it is recommended to replace the water once a week to prevent the deterioration of water quality)

The standard features :

Item	Specification
Radius of swivel tube	R200mm
Diameter of swivel tube	400mm
Internal diameter of swivel tube	15mm
Internal diameter of nozzle	0.4mm
Speed of rotation of the swivel tube	60 degree/s
Distance between nozzles	50mm
Number of nozzles of swivel tube	12
Swing pipe angle	IPX3:120°; IPX4:350°
Flow control ⁸	Manual adjustment with flow meter
Water volume flow(IPX3) ⁹	0.56L/min±5%
Water volume flow(IPX4)	0.84L/min±5%
Flow meter range	0-2.0 L
Power supply	220V/50HZ
Power	1.0kW

Application:

The facility for simulating rainfall conditions meticulously duplicates nature's downpour to rigorously test the endurance, sealing standards, and operational competence of devices in moist environments. Accommodating a vast array of applications, from electronics to automotive parts, outdoor gadgets, and a host of others, its automated capabilities and water recycling technology optimize testing procedures, ensuring precise and dependable results.

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 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 When reading the flowmeter, the second digit after the decimal point is the estimated reading data, not accurate data; if the user is concerned about the accuracy of the data, a flow sensor can be selected through negotiation.

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

Product detail picture:



intermediate relay

Tags: Waterproof Chamber, Waterproof Test Chamber for IPX3 IPX4, Rain Spray Climatic Chamber



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