

Programmable Controller 200 mm IPX3 IPX4 Rain Test Chamber with Flow Sensor

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-IPX34BE-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
- Controller: 7-inch PLC Touch Screen
- Turn Table Load Bearing: 20KG
- Observation Window: Tempered Glass
- Turn Table Diameter: 200mm
- Rotating Speed: 1-5 Rounds Per Minute
- Application Scenarios: Rain、 Splash Water
- 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

for more products please visit us on raintestchambers.com

Product Description

Programmable Controller 200 mm IPX3 IPX4 Rain Test Chamber with Flow Sensor

General specifications:

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

Product description:

This rain test chamber utilizes flow sensors to measure flow rates, featuring high measurement accuracy and the ability to adapt to a wide range of flow measurement requirements.

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.

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.

Simple installation, power on and adding water can be used, test parameters can be set on the touch screen, clear picture, easy to operate.

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

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

The main technical parameters :

Item	Specification
Radius of swivel tube	R200mm
Diameter of swivel tube	400mm
Internal diameter of swivel tube	15mm
Internal diameter of nozzle	0.4mm
Number of nozzles of swivel tube	12
Speed of rotation of the swivel tube	60 degree/s
Distance between nozzles	50mm
Swing pipe angle	IPX3:120°; IPX4:350°
Water volume flow(IPX3)	0.56L/min±5%
Water volume flow(IPX4)	0.84L/min±5%
Water pressure	not adjustable (pressure gauge display)
Power supply	220V/50HZ
Power	1.0kW

Usage environment:

The rain simulation chamber emerges as a premier tool for evaluating the waterproof capabilities of devices spanning multiple industries. It meticulously simulates rainfall conditions to rigorously examine their endurance, sealing performance, and functionality in humid settings. Serving electronics, automotive parts, outdoor equipment, and more, its automated processes and water recycling system streamline testing procedures and ensure accurate results.

Announcements:

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

Product detail picture:



toroidal transformer

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



Guangzhou Yuexin Test Equipment Co., Ltd.



18122303372



mft@yxipx.com



raintestchambers.com

101, No.3, Jiangjunzi Road, Dalong Street, Panyu District, Guangzhou City China