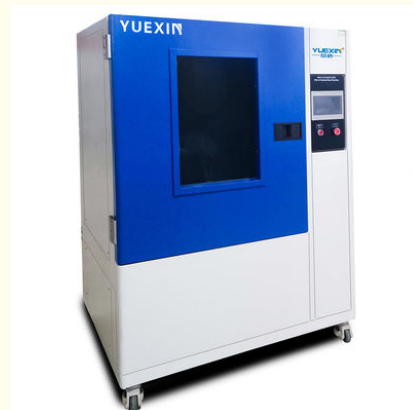


IPX1 IPX2 200mm Portable Rain Test Machine , Eco Friendly Rain Test Chamber

Our Product Introduction

Basic Information

- Place of Origin: Guangdong , China
- Brand Name: YueXin
- Certification: ISO 20653:2013 , DIN 40050-9:1993 , IEC60529:2013 VW80000:2017 LV124 K-10
- Model Number: YX-IPX12B-200
- 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

- IP Grade: IPX1 IPX2
- Drip Area: 200×200mm
- Distance Between Nozzles: 20mm
- Turntable Tilt: 0° Or 15°
- Turn Table Diameter: 600mm
- Drip Distance: 200mm
- Turn Table Load Bearing: 10KG
- Product Name: Environmental Testing Equipment, Humidity Temperature Test Chamber
- Highlight: **200mm Rain Test Machine, Portable Rain Test Machine, Eco Friendly Rain Test Chamber**

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Product Description

IPX1 IPX2 200 mm Portable Rain Test Machine , Eco-friendly Rain Test Chamber

General specifications:

| | |
|-----------|---|
| Dimension | External: Approx W 1250×D 1020×H 1750 (mm) Internal: W 800×D 800×H 1000 (mm) |
| Material | Exterior: steel plate Interior: 304 stainless steel |

Applicable scene:

Rain tester manufacturer applied to plastics , rubber , paint , coatings , printing ink , paper, pharmaceuticals, food, cosmetics, textiles, auto parts, packaging materials, building materials, electricity and the electrical products; It provide an important testing data for scientific research, product development and quality control.

Description:

Compared with the other two styles of stand type and wall-mounted type, this box-type raindrop tester has the advantages of being easy to move, allowing the experimental water to be recycled and used, being environmentally friendly, and being able to be used for waterproof testing of small equipment.

The drip tank is made of stainless steel, with 0.4mm needle nozzles evenly distributed, and the water level is invisible. 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 Yuexin self-developed software, which can be switched to multiple language⁶.

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.

Front window for a clear view of the internal test.

Four universal load-bearing casters at the bottom, easy to move.

The standard version uses a glass flow meter to regulate the flow rate, and can be upgraded to use a sensor to regulate the flow rate, and the data is displayed on the touch screen.

The water storage tank is placed in front of the inner tank, which is convenient for cleaning and maintenance.

The main technical parameters :

| Item | Specification |
|-------------------------------|-----------------------------------|
| Drip area | 200×200mm |
| Diameter of nozzles | 0.4mm |
| Distance between nozzles | 20mm |
| Flow control ⁸ | Manual adjustment with flow meter |
| Water flow(IPX1) ⁹ | 0.36-0.54 L/min |
| Water flow(IPX2) | 1.08-1.26 L/min |
| Flow meter range | 0-2.0 L |
| Drip distance ¹⁰ | 200mm |
| Power supply | 220V/50HZ |
| Power | 1.0kW |

Notes:

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 The data is calculated based on the dripping area, $IPX1: 0.6 \times 0.6 \times (0.001 - 0.0015) = 0.00036 - 0.00054 m^3/min$ (that is 0.36-0.54L/min). 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.

| Second characteristic numeral | Test means | Water flow rate | Duration of test | Test conditions, see |
|-------------------------------|--|------------------------|-----------------------------------|----------------------|
| 0 | No test required | — | — | — |
| 1 | Drip box Figure 3 Enclosure on turntable | $1^{+0.5}_{-0}$ mm/min | 10 min | 14.2.1 |
| 2 | Drip box Figure 3 Enclosure in 4 fixed positions of 15° tilt | $3^{+0.5}_{-0}$ mm/min | 2.5 min for each position of tilt | 14.2.2 |

10 200mm is the distance from the nozzle to the sample specified in the standard, and the user needs to adjust the height of the turntable to meet the distance requirement.

11 The user needs to prepare an air compressor in advance (recommended gas storage capacity > 40L). If you need us to buy it on your behalf, you need to explain in advance.

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

Detail picture:



control panel

Tags: IPX1 IPX2 Waterproof Chamber, Water Drip Testing Machine, Dripping Environmental Chamber

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