



Durable Construction 800mm Drip Test Equipment IPX1 IPX2 With Nut Screw Lifting

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-IPX12C-800
- Minimum Order Quantity: 1pcs
- 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

- Drip Area: 800×800mm
- Distance Between Nozzles: 20mm
- Drip Distance: 200mm
- IP Grade: IPX12
- Turn Table Diameter: 600mm
- Turn Table Load Bearing: 30KG
- Turntable Tilt: 0° Or 15°
- Product Name: Vertical Rain Test Equipment, Water Rain Testing Machine
- Highlight: **Durable Drip Test Equipment,
800mm Drip Test Equipment,
Drip Test Equipment IPX1**

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Product Description

Durable Construction 800 mm Rain Tester with nut screw lifting for IPX1 IPX2

General specifications:

Dimension	Outside: Approx W 1030×D 1140×H 2420 (mm) Inside: Approx W 280×H 350 (mm)
Material	Extrinsic: Formed Aluminum Intrinsic: 304 stainless steel

Product knowledge:

The biggest advantage of this wall-mounted drip rain tester is its small footprint, which can save space in the testing area. It boasts high vertical space utilization, making it suitable for testing in limited spaces.

The equipment is fixed on the wall by expansion screws, which is firm and durable⁵.

The drip board is made of stainless steel, with 0.4mm needle nozzles evenly distributed(the water level is invisible).

The drip board can be lifted by screw rod, and has a photoelectric detection switch, which can stop falling at a distance of 200mm from the sample.

A protective cover is installed under the drip board to protect personnel from being hurt by the nozzle.

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 winding⁶.

Controller: 7-inch touch screen + PLC, using Yuexin self-developed software, which can be switched to multiple languages⁷.

Protection measures: short circuit protection, safety shield protection.

The rack is made of high-strength aluminium alloy, with triangular diagonal support design, not easy to deform, load-bearing up to 150kg.

The control box of the equipment is installed independently, fixed against the wall or fixed as a rack, and the operating height can be matched independently according to the user's needs.

The bottom space is open on three sides, the sample shape and size range is more applicable, and it is more convenient to install the specimen.

Spray water can not be recycled, you need to install the equipment in a site with smooth drainage conditions.

Low packaging cost, relative to the other two types of models, wooden box volume can be reduced by 1/3, reducing transport costs.

Application:

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.

The main technical parameters :

Item	Specification
Drip area	800×800mm
Diameter of nozzles	0.4mm
Distance between nozzles	20mm
Test time	0-999min
Drip board height	800-1800mm
Flow control ⁸	Manual adjustment with flow meter
Flow meter range	0-4.0 L
Water flow(IPX1) ⁹	0.64-0.96L/min
Water flow(IPX2)	1.92-2.24L/min
Drip distance ¹⁰	200mm
Power supply	220V/50HZ
Power	1.0kW

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 30kg, but also can be customized per requirements.

5 The equipment needs to be fixed with expansion screws on the wall. If the laboratory does not have this condition, it is recommended to replace it with other models.

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

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

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, $IPX1: 0.8 \times 0.8 \times (0.001 - 0.0015) = 0.00064 - 0.00096 m^3/min$ (that is 0.64-0.96L/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 drip board 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:



pulley

Tags: Dripping Testing Machine, Rain Test Equipment, Dripping Environmental Chamber

YUEXIN Guangzhou Yuexin Test Equipment Co., Ltd.

☎ 18122303372

✉ mft@yxipx.com

🌐 raintestchambers.com

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