

Visualized 800mm Drip Test Equipment , Rain Testing Machine IPX1 IPX2

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-IPX12A-800
- 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

- 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: Environmental Testing Equipment, Humidity Temperature Test Chamber
- Highlight: **Visualized Drip Test Equipment,
800mm Drip Test Equipment,
Rain Testing Machine IPX1**

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Product Description

Visualized 800 mm Drip Test Equipment , Rain Test Machine for IPX1 IPX2

General specifications:

| | |
|-----------|---|
| Dimension | Outward: Approx W 1320×D 1020×H 2420 (mm); Within: Approx W 200×H 350 (mm) |
| Material | Exterior: Formed Aluminum; Interior: 304 stainless steel |

Description:

Distinguished by its sturdy frame, this drip rain testing machine effortlessly adapts to different locations while ensuring a flawless operation during each test cycle. Its column-oriented design boasts an expansive range of height adjustments for the drip plate, thereby accommodating and validating a myriad of sample sizes.

The drip board is made of stainless steel , with 0.4mm needle nozzles evenly distributed(the water level is invisible). And it can be lifted and lowered by the electric hoist device, and has a photoelectric detection switch, which can stop falling at a distance of 200mm from the sample. Also , 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 winding ⁵.

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

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 , safety shield protection.

The height of the drip board can be controlled by the touch screen to control the lifting action, easy to operate.

The top is lifted and lowered by an electric hoist, with a load capacity of 200kg > the weight of the water tank when fully loaded (approx. 100kg).

There are reinforcement bars welded inside the drip plate to effectively prevent bursting due to high water pressure.

There are mobile casters and foot brakes at the bottom, which can be moved and fixed as a whole.

After receiving the equipment, users only need to fix the equipment, connect the water and power on to start the test.

Application:

Our range of rain testers caters comprehensively to diverse fields, spanning plastics, rubbers, paints, coatings, printing inks, paper products, pharmaceuticals, food processing, cosmetics, textiles, automotive components, packaging innovations, construction materials, and electrical/electronic devices. These testers are instrumental in providing critical test data that underpins scientific research, drives product evolution, and ensures rigorous quality control procedures.

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 ⁷ | Manual adjustment with flow meter |
| Flow meter range | 0-4.0 L |
| Water flow(IPX1) ⁸ | 0.64-0.96L/min |
| Water flow(IPX2) | 1.92-2.24L/min |
| Drip distance ⁹ | 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 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 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.

8 The data is calculated based on the dripping area, $IPX1: 0.8 \times 0.8 \times (0.001 \sim 0.0015) = 0.00064 \sim 0.00096 m^3/min$ (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 |

9 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.

10 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.

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

Detail picture:



retaining screw

Tags: Dripping Testing Machine, Water Drip Test Chamber, Dripping Environmental Chamber



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