

## IPX1-2 600mm Rain Test Equipment , Drip Test Equipment 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 VW80000:2017 LV124 K-10
- Model Number: YX-IPX12AE-600
- Minimum Order Quantity: 1 pcs
- Price: usd+20000-50000+pcs
- Packaging Details: wooden box package
- Delivery Time: 30-45days
- Payment Terms: T/T
- Supply Ability: 100+pcs+30



### Product Specification

- Product Name: Drip Test Equipment
- Drip Area: 600×600mm
- Distance Between Nozzles: 20mm
- Drip Distance: 200mm
- IP Grade: IPX12
- Turn Table Diameter: 600mm
- Turn Table Load Bearing: 30KG
- Turntable Tilt: 0° Or 15°
- Highlight: 600mm Rain Test Equipment, IPX1-2 Rain Test Equipment, IPX12 Drip Test Equipment

for more products please visit us on [raintestchambers.com](http://raintestchambers.com)

## Product Description

### 600 mm Rain Test Equipment for IPX1-2 , Drip Test Machine with Flow Sensor

#### General specifications:

Size	Approx W 1320×D 1020×H 2420 (mm)
Material	Formed Aluminum

#### Working environment:

We are a specialist in rain testers, catering extensively to numerous sectors from plastics and rubbers to paints, coatings, printing inks, paper merchandise, pharmaceuticals, food industry, cosmetics, textiles, automotive parts, packaging systems, building materials, and electrical/electronic products. Our testers are fundamental in supplying crucial test information that informs and drives scientific inquiry, product development, and quality assurance procedures.

#### Description:

This drip rain test machine boasts a robust frame that facilitates effortless movement and seamless performance throughout testing procedures. Its column-style configuration allows for versatile height adjustments of the drip plate, rendering it apt for assessing a multitude 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<sup>5</sup>.

Controller : 7-inch touch screen + PLC, using Yuxin self-developed software , which can be switched to multiple languages <sup>6</sup>.

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.

Four pillars are used to support the drip board, which is stable and firm.

The water inlet of the drip tray comes in from the centre of the top and spreads out in all directions so that the water drips relatively evenly.

Needle nozzles are made of replaceable plastic nozzles, easy to maintain and delivered with needle nozzles.

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

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.

#### The main technical parameters :

Item	Specification
Drip area	600×600mm
Distance between nozzles	20mm
Diameter of nozzles	0.4mm
Test time	0-999min
Drip board height	800-1800mm
Flow control <sup>7</sup>	Manual adjustment with flow meter
Flow meter range	0-4.0 L
Water flow(IPX1) <sup>8</sup>	0.64-0.96L/min
Water flow(IPX2)	1.92-2.24L/min
Drip distance <sup>9</sup>	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 Standard load-bearing upper limit of turntable is 30kg, but also can be customized per requirements.

4 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.

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.

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

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

**The detail photo of product:**



draining board

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