

## IPX3 IPX4 Touch Shower Rain Spray Detection Machine with a Nozzle

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-IPX34AT-01
- 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

- Outer Dimension: L700\*W600\*H950
- Experimental Scenarios: Rain Environment
- IP Code: IPX3, IPX4
- Number Of Spray Holes: 121
- Storage Tank Volume: About 160L
- Flow Regulation Mode: Manual Setting
- Material: Brass Material
- Product Name: Rain Test Equipment, Water Spray Test Equipment
- Highlight: **ipx3 water spray test equipment ,  
ipx4 water spray test equipment ,  
ipx4 ipx3-4 rain spray test equipment**

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## Product Description

### IPX3 IPX4 Touch Shower Rain Spray Detection Machine with a Nozzle

#### Product detail description:

This equipment is equipped with a touch screen, allowing users to precisely control various parameters during the testing process through the touch screen, ensuring the accuracy and repeatability of test results, making it highly intelligent.

The chassis is made of 304 stainless steel, which is firm and durable.

There is a water storage tank inside the equipment and a water level control system. When it is short of water, it will alarm.

The built-in filter can effectively prevent impurities from clogging the nozzle hole<sup>5</sup>.

It is adjusted by a glass flowmeter and can display the current flow<sup>6</sup>.

The nozzle is made of high-quality brass material, and the surface is coated with an anti-rust layer to prevent oxidation and discoloration.

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.

#### Product feature:

##### ► Portable Convenience:

The shower rain test device is designed as handheld, enabling operators to perform flexible testing at different locations, thereby enhancing testing efficiency and convenience.

##### ► Multiple Testing Modes:

The device supports testing for both IPX3 and IPX4 waterproof ratings, with the capability to adjust the water spray pattern and shield position to meet varying test requirements.

##### ► Durable Materials:

Key components of the device, such as the showerhead, shield, and pressure gauge, are crafted from corrosion-resistant and rust-proof stainless steel or brass, guaranteeing stability and longevity in long-term use.

##### ► High-Precision Control:

Employing numerically controlled (NC) machining for the showerhead and movable shield ensures that water spray angles, aperture sizes, and other parameters conform to standard specifications, enhancing the accuracy of test results.

#### The main technical parameters :

Item	Data
Brass nozzle size	Ø 102mm
Number of spray holes	121
Spray hole size	Ø 0.5mm
Hole position	Inside 2 circles 12 holes/circle, spacing 30° , Outer 4 circles 24 holes/circle, spacing 15°
Outer diameter of water inlet	Ø 18mm
Spray pipe outer diameter	Ø 28mm
Water flow	10L/min±5%
Flow adjustment method	Manual adjustment
Flow meter range	0-15.0 L
Water pressure range	50-150Kpa
Power supply	220V/50HZ

#### Usage cautions:

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 The effective volume of the water tank is about 120L. During the test, it is necessary to keep the water source unobstructed to ensure continuous water intake and prevent low water level alarms.

5 Check and replace according to the frequency and time of use. If the test is used every day, it is recommended that the user unpack the plate and check it every half a month, and replace the filter element.

6 The standard model is adjusted by a flowmeter, and the upper surface of the float is aligned with the scale to read the data. When the flowmeter is reading, the second digit after the decimal point is the estimated reading data.

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

#### The Design Drawing of Spray Nozzle:

