

## Floor Model Side Spraying 10000L Rain Tester IPX5 IPX6 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 VW 80000:2017 LV124 K-10
- Model Number: YX-IPX56BSE-10000L
- 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

- Turn Table Load Bearing: 500KG
- Rotating Speed: 1-5 Rounds Per Minute
- Turn Table Diameter: 1000mm
- Controller: 7-inch Touch Screen + PLC
- IP Rank: IPX5 IPX6
- Commodity Title: Rain Test Equipment, Water Jet Test Chamber
- Observation Window: Tempered Glass
- Working Scene: Water Spray、 Powerful Water Spray
- Highlight: **10000L Rain Tester, Rain Tester IPX5, Rain Tester IPX6**

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## Product Description

### Floor Model Side Spraying 10000L Rain Tester with Flow Sensor for IPX5 IPX6

#### General specifications:

Dimension	Outer: L2450*W2150*H2900/L2400*W400*H2650; Inner: W 2000×D 2000×H 2500 (mm)
Material	External: steel plate; Internal: 304 stainless steel
Power supply	380V/50HZ
Power	2.0kW

#### Product characterization:

Designed with ample space and a floor-standing frame, this water jet test chamber comfortably accommodates a broader range of test samples, including the largest, making it a suitable option for waterproof evaluation of large-scale equipment. Moreover, the device's flow sensor for monitoring liquid flow operates consistently in a multitude of industrial settings, preserving the precision of measurements even under extreme operating conditions, effectively reducing issues caused by measurement differences.

Two spray modes: up and down sweeping water spray and fixed water spray<sup>5</sup>.

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 winding<sup>6</sup>.

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 languages<sup>7</sup>.

Test time setting: 0-999min<sup>8</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, water shortage alert and door open alert<sup>9</sup>.

#### Standard data:

Item	Parameters
Diameter of Nozzles	IPX5 : 6.3mm; IPX6 : 12.5mm
Water flow	IPX5 : 12.5±0.625 L/min; IPX6 : 100.0±5 L/min
Flow control <sup>10</sup>	Manual adjustment with flow meter
Water pressure	Not adjustable (pressure gauge display)
Spray distance <sup>11</sup>	2.7m
Spray height <sup>12</sup>	1650mm
Nozzle swing speed	0-20 cycle/min
Power supply	380V/50HZ
Power	2.0kW

#### Notices:

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 50kg, but also can be customized per requirements.

5 If the sample height exceeds 150mm, it is recommended to choose the swing spray method.

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 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.

9 Door open alert: when the door is open, the test cannot be conducted to protect personnel from being drenched in water.

10 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.

11 This distance is the range from the nozzle to the center of the turntable. If the user wants to extend the spraying distance, he needs to explain in advance.

12 Since the IPX5 water spray is in a parabolic shape, the water spray range will be lower than this height, and the measured maximum water spray height is close to 700mm.

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

#### Product detail images:



and outlet

inlet

**Tags:** Waterproof Testing Equipment, Water Jet Test Chamber for IPX56, IPX5 IPX6 Rain Test Chamber

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