

Automated Side Spray 500L Water Jet Test Chamber With Flow Sensor

Our Product Introduction

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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-500L
- 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

- IP Rank: IPX5 IPX6
- Turn Table Diameter: 400mm
- Rotating Speed: 1-5 Rounds Per Minute
- Turn Table Load Bearing: 30KG
- Sight Window: Tempered Glass
- Working Scenario: Water Spray, Powerful Water Spray
- Controller: 7-inch Touch Screen + PLC
- Product Title: Rain Test Chamber, Water Jet Test Chamber
- Highlight: **Side Spray Water Jet Test Chamber , 500L Water Jet Test Chamber , Automated Water Jet Test Machine**

Product Description

Automated Side Spray 500L Water Jet Test Chamber with Flow Sensor for IPX5 IPX6

General specifications:

Dimension	Exterior: Approx W 3860×D 1040×H 1600 (mm); Interior: W 800×D 800×H 800 (mm)
Material	External: steel plate Internal: 304 stainless steel
Power supply	380V/50HZ
Power	2.0kW

Product detail description:

The difference between the water jet test chamber with flow sensor and the automatic side-spraying one lies in its use of flow sensor as the tool to measure liquid flow rate, which is easier to install and maintain compared with flow meter. In addition, it can also conduct high-precision measurement to ensure the reliability of measurement results.

Two spray modes: up and down sweeping water spray and fixed water spray⁵.

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 winding⁶.

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 languages⁷.

Test time setting: 0-999min⁸.

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 alert⁹.

Standard features:

Item	Specification
Diameter of Nozzles	IPX5 : 6.3mm; IPX6 : 12.5mm
Water flow	IPX5 : 12.5±0.625 L/min IPX6 : 100.0±5 L/min
Water pressure	Not adjustable (pressure gauge display)
Spray distance ¹⁰	2.7m
Spray height ¹¹	650mm
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 30kg, 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.

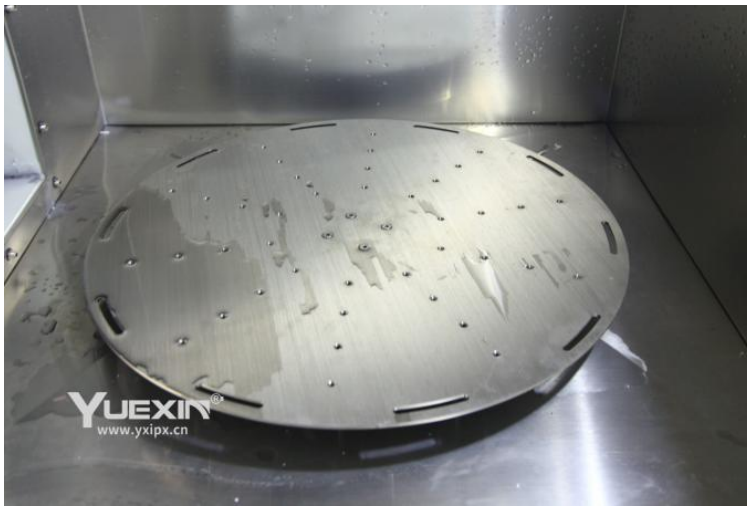
9 Door open alert: when the door is open, the test cannot be conducted to protect personnel from being drenched in water.

10 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.

11 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 500mm.

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

Product image:



turntable

Tags: IPX56 Rain Test Apparatus, Water Jet Testing Device, Water Jet Test Chamber for IPX5 IPX6



Guangzhou Yuexin Test Equipment Co., Ltd.



18122303372



mft@yxipx.com



raintestchambers.com

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