

Self Controlled IPX5 IPX6 2500L Water Jet Test Machine By Side Spray

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-IPX56BS-2500L
- 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 Grade: IPX5 IPX6
- Controller: 7-inch Touch Screen + PLC
- Turn Table Load Bearing: 50KG
- Turn Table Diameter: 600mm
- Viewing Window: Tempered Glass
- Service Environment: Water Spray、Powerful Water Spray
- Rotating Speed: 1-5 Rounds Per Minute
- Part Name: Rain Test Equipment, Water Jet Test Chamber
- Highlight: Self Controlled Water Jet Test Machine , 2500L Water Jet Test Machine



Product Description

Self-controlled IPX5 IPX6 2500L Water Jet Test Machine by Side Spray

General specifications:

| | |
|--------------|------------------------------------------------------------------------------|
| Dimension | Outer: Approx W 4240×D 1400×H 1955 (mm); Inner: W 1180×D 1180×H 1300 (mm) |
| Material | External: steel plate; Internal: 304 stainless steel |
| Power supply | 380V/50HZ |
| Power | 2.0kW |

Product description:

The automatic side-spray device differentiates itself from the traditional manual water spray test chamber by offering an expanded effective spray coverage area and exceptional spraying quality. Additionally, its advanced automation and intelligent features streamline the process of precise spraying through simple operation, ultimately leading to a decrease in operational difficulties and an increase in overall work efficiency.

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 | 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 ¹⁰ | Manual adjustment with flow meter |
| Water pressure | Not adjustable (pressure gauge display) |
| Spray distance ¹¹ | 2.7m |
| Spray height ¹² | 1650mm |
| Nozzle swing speed | 0-20 cycle/min |
| Power supply | 380V/50HZ |

Working environment:

The IPX56 water jet test apparatus is a vital piece of equipment for ensuring product excellence, as it is comprehensively applied to test the water resistance of diverse products like electronics, lighting solutions, automotive accessories, electrical devices, cabinets, and advanced smart wearables.

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 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.

Picture:



wiper controller

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



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