

Top Spraying 500L Water Jet Testing Machine Swing Back And Forth

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-IPX56BSD-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

- Application Environment: Water Jet、 Powerful Water Spray
- IP Level: IPX5 IPX6
- Turn Table Diameter: 400mm
- Turn Table Load Bearing: 30KG
- Name Of Commodity: Rain Test Chamber, Water Jet Test Chamber
- Rotating Speed: 1-5 Rounds Per Minute
- Sight Window: Tempered Glass
- Controller: 7-inch Touch Screen + PLC
- Highlight: **Top Spraying Water Jet Testing Machine, 500L Water Jet Testing Machine, YueXin Water Jet Testing Machine**

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Product Description

Top Spraying 500L Water Jet Test Chamber Swing Back and Forth for IPX5 IPX6

General specifications:

Dimension	Exterior: L1250*W1200*H1700/L600*W400*H2400; Interior: W 800×D 800×H 800 (mm)
Material	External: steel plate Internal: 304 stainless steel
Power supply	380V/50HZ
Power	2.0kW

Features of the product introduction:

This water spray test chamber not only performs top-down spraying, but also features a front-to-back swinging mechanism, which allows it to simulate rainwater erosion from various angles and directions, making the testing more comprehensive and realistic.

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

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 technical parameters:

Item	Data
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	650mm
Nozzle swing speed	0-20 cycle/min

Use:

The IPX56 water jet testing instrument is an essential element in the quest for product quality, comprehensively utilized to validate the water resistance of a broad range of products, spanning from electronics and lighting innovations to automotive enhancements, electrical devices, cabinets, and sophisticated wearable technology.

Precautions:

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 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 500mm.

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

Product detail picture show:



turntable



room lamp

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

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