

## Targeted Top Spray 500L Water Jet Test Machine For Electronics / Automotive Accessories

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-IPX56BD-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

- Name Of Commodity: Water Jet Test Machine
- IP Rank: IPX5 IPX6
- Rotating Speed: 1-5 Rounds Per Minute
- Turn Table Load Bearing: 30KG
- Sight Window: Tempered Glass
- Working Scenario: Water Spray / Powerful Water Spray
- Turn Table Diameter: 400mm
- Controller: 7-inch Touch Screen + PLC
- Highlight: **Top Spray Water Jet Test Machine, 500L Water Jet Test Machine, Electronics Water Jet Test Machine**

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## Product Description

### Targeted Top Spray 500L Water Jet Test Chamber 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

#### Product knowledge:

The water jet testing chamber utilizes a fixed-point, top-spray water delivery system, allowing for exact manipulation of the water spray's position and angle, thereby guaranteeing the uniformity and precision of testing parameters.

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 parameters:

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
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>	650mm
Nozzle swing speed	0-20 cycle/min
Power supply	380V/50HZ
Power	2.0kW

#### Usage environment:

In the endeavor to achieve product superiority, the IPX56 spray assessment apparatus plays a pivotal role, comprehensively assessing the water-repellent capabilities of a diverse set of products, including electronics, innovative lighting solutions, automotive accessories, electrical appliances, cabinets, and high-tech smart wearable gadgets.

#### 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 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 picture shows:



turntable

water inlet and outlet

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



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