



IPX5 IPX6 IPX9 IPX6K IPX9K Waterproof Test Chamber For Water Resistance Tests

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-IPX59KBSE-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

- Type: IPX5 IPX6 IPX9 IPX6K IPX9K
- Service Environment: Water Spray / Powerful Water Spray / High Temperature And High Pressure Steam Jet
- Rotating Speed: 1-5 Rounds Per Minute
- Turn Table Load Bearing: 40KG
- Controller: 7-inch Touch Screen + PLC
- Diameter Of Detachable Turntable: 200mm
- Window Materia: Tempered Glass
- Commodity Name: Waterproof Test Chamber
- Highlight: **IPX6K Waterproof Test Chamber , IPX9K Waterproof Test Chamber**

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Product Description

IPX5 IPX6 IPX9 IPX6K IPX9K Waterproof Test Chamber For Water Resistance Tests

General specifications:

Dimension	Outer : Approx W1250×D 3790×H 1750 (mm); Inner : W 800×D 950×H 800(mm)
Material	External : steel plate; Internal : 304 stainless steel
Power supply	380V/50HZ
Power	18.0kw

Product presentation:

The IPX5-9 test apparatus comprises a powerful water jet nozzle that simulates harsh environmental conditions. It's designed to spray water at varying pressures and angles, adhering to international standards for water resistance tests.

For IPX5/6 testing, here are two spray modes: up and down sweeping water spray and fixed water spray⁵ (Spray water from back to front).

The spray distance (IPX9/9K) can be adjusted manually to meet the standard (125±25mm).

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 flow rate is automatically adjusted by an electronic flow sensor, and the flow data will be displayed on the touch screen in real time⁶.

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 winding⁷.

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 language⁸.

Test time setting: 0-999min⁹.

Universal casters are mounted on the bottom, which has good load-bearing and easy to move and fix the equipment.

Application:

The IPX5-9 waterproof testing device covers a wide range of application scenarios, including outdoor splashing, industrial cleaning, deep-sea exploration, and high-temperature and high-pressure cleaning, among others. Users should select the appropriate waterproof rating based on specific usage environments and requirements.

Standard features for IPX5/6K:

Item	Parameter
Diameter of nozzles	IPX5, IPX6K : 6.3mm; IPX6 : 12.5mm
Water flow	IPX5 : 12.5±0.625 L/min IPX6 : 100.0±5.0L/min IPX6K : 75.0±3.75L/min
Spray distance ¹⁰	2.7m
Spray direction	Spray from back to front
Spray height ¹¹	800mm
Nozzle swing speed	0-20 cycle/min

Standard features for IPX9K:

Item	Parameter
Spray distance	125±25mm
Number of nozzles	4
Nozzle angle	0°, 30°, 60°, 90°
Water flow	14-16L/min
Flow control	Automatic adjustment
Storage tank temperature	80±5
Spray pressure	8000-10000Kpa
Water jet impact	0.9-1.2N
Test time	120 seconds, 30 seconds per position

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 Use flow sensor to adjust water flow automatically, the flow is set according to the corresponding test options, and does not support custom settings.
- 7 Please inform in advance if the voltage(220V) does not match the actual needs so that we can provide customized solutions for you.
- 8 At present, only Chinese and English interfaces are supported; if other languages are introduced, the software can be updated remotely.
- 9 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.
- 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 550mm.
- 12 The photos may not match the actual ones, and are for user reference only.

Detail picture display:



IPX9 nozzle

Tags: IPX5-9K Environmental Machine , Water Ingress Protection Test Chambers ,Waterproof Climatic Chamber



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