

IPX8 30m Underwater Testing Chamber Intelligent 100L Waterproof Test Equipment

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
- Model Number: YX-IPX8-30AT-100L
- 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

- Material: 304 Stainless Steel
- Power: 100w
- Depth Range: 1-30m
- Controller: Touch Screen
- Pressure Accuracy: 1 KPa
- Alternative Name: IPX8 Waterproof Immersion Soaking Test Chamber , Immersion Test Machine
- Highlight: **Intelligent Waterproof Test Equipment, 100L Waterproof Test Equipment**

Product Description

IPX8 30m Underwater Testing Chamber, Intelligent 100L Waterproof Test Equipment

General specifications:

Outer dimension	Approx W 610×D 780×H 1050 (mm)
Pressure accuracy	1 kPa
Power supply	220V/50Hz
Power	100w

Features:

This product adopts a touchscreen to set parameters such as pressure and time, eliminating the need for complex mechanical adjustments, thereby enhancing testing efficiency.

The device is equipped with a pressure sensor, which can display the internal pressure change synchronously.

The tank cover is fastened with stainless steel can lid flange fasteners, and the seal is firm.

Timing is performed by a time relay, and timing starts after the internal pressure reaches the set value.

After the test is complete, the device automatically vents the pressure.

The tank cover is connected with a mechanical safety valve. If the set pressure exceeds the set pressure, the safety valve will release the pressure directly to ensure the safety of users.

The tank lid is lifted and lowered by cylinder driving to reduce operating pressure.

If the user needs to provide an external power supply for the sample, we can open a hole in the lid and provide a locking device (wire diameter <15mm)⁵.

Technical data:

Item	Specification
Thickness of lid	15 mm
Flange thickness	20 mm
Tank thickness	3 mm
Equipment net weight	Approx 70 kg
Pressure range	0-300 kPa
Water depth(maximum)	30 meters
Adjustment method	Automatic adjustment
Pressure accuracy	1 kPa
Pressure error value	±2 kPa
Set pressure of safety valve	0.35 Mpa(350kPa)
Testing time ⁶	0-999min
Power supply	220V/50Hz
Power	100 w

Application:

The IPX8 submersion test chamber is suitable for verifying the water resistance of electronic devices, smartwatches, cameras, and other products rated for underwater use. It simulates deep-water conditions to ensure they remain functional up to specified depths.

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 The formula of the corresponding relationship between pressure and water depth: $P=9.8d$ (Unit :kPa,m).
- 5 Please wear insulating gloves during power-on test to avoid personal safety problems.
- 6 The user needs to prepare an air compressor in advance (recommended gas storage capacity > 60L). If you need us to buy it on your behalf, you need to explain in advance.
- 7 The photos may not match the actual ones, and are for user reference only.

Detail picture:



inlet and outlet

Tags: waterproof test equipment , IPX8 test machine, Immersion test chamber



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