IPX8 20L Immersion Test Equipment Simulate 80 Meters Of Water Pressure

Basic Information

Place of Origin: Guangdong , China

Brand Name: YueXin

• Certification: ISO 20653:2013, DIN 40050-9:1993,

IEC60529:2013

Model Number: YX-IPX8-80A-20L

Minimum Order Quantity: 1 pcs

Price: usd+20000-50000+pcsPackaging Details: wooden box package

Delivery Time: 30-45 days

Payment Terms: T/T

• Supply Ability: 100+pcs+30



Product Specification

IP Grade: IPX8 Pressure Accuracy: 1 KPa

• Test Scenario: Environment Of Long Term Immersion Up To

A Specified Pressure

Type: Button TypeDepth Range: 1-80m

Material: 304 Stainless SteelOpening Method: Cylinder Drive

• Power: 100w

Product Name: Waterproof Immersion Soaking Test

Chamber, Ipx8 Waterproof Test Equipment

• Highlight: 80 Meters Immersion Test Equipment,

20L Immersion Test Equipment, IPX8 Immersion Test Equipment



More Images





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Product introduction:

As a high-grade tool for determining the waterproof performance of products, the IPX8 water immersion testing machine is indispensable. It can simulate underwater pressures akin to depths of 80 meters, allowing for accurate calibration of test pressure via a pressure sensor. The machine's button-style operation ensures ease of control. For the test to be valid, the product must remain fully underwater and operational, thereby proving its water resistance.

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.

Detail images:





screw

buckle

Generl specifications:

Outer dimension	Approx W 460×D 580×H 920 (mm)
	1 kPa
Power supply	220V/50Hz

lid

Power	100w

The technical data:

Item	Specification
Thickness of lid	15 mm
Flange thickness	20 mm
Tank thickness	3 mm
Equipment net weight	Approx 65 kg
pressure range	0-300 kPa
Water depth(maximum)	80 meters
Adjustment method	Automatic adjustment
Opening method	cylinder drive
Pressure accuracy	1 kPa
pressure error value	±2 kPa
Set pressure of safety valve	0.35 Mpa(350kPa)
Testing time ⁶	0-999 s/min/h
power supply	220V/50Hz
power	100 w

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 multifunctional 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 time unit of the test can be freely selected, and it can be adjusted through the time relay before starting the test.
- 7 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.
- 8 The photos may not match the actual ones, and are for user reference only.

About us:









Tags: Water immersion test equipment, IPX8 waterproof test equipment, Environmental testing machine

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