

30m Water Immersion Test Equipment IPX8 20L Water Pressure Test Chamber

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-IPX8-30A-20L
- 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

- Experimental Scenarios: Environment Of Long Term Immersion Up To A Specified Pressure.
- Pressure Accuracy: 1 KPa
- Pressure Range: 0-300 KPa
- Water Depth Maximum : 30 Meters
- Material: 304 Stainless Steel
- Commodity Name: IPX8 Submersion Test Equipment , Water Resistance Test Equipment
- Highlight: **30m Water Immersion Test Equipment, Water Immersion Test Equipment IPX8, 20L Water Pressure Test Chamber**

Product Description

30m Water Immersion Test Equipment , IPX8 20L Water Pressure Test Chamber

General specifications:

Outer dimension	Approx W 465×D 575×H 910 (mm)
Pressure accuracy	1 kPa
Power supply	220V/50Hz
Power	100w

Test Principle⁴:

IPX8 Test: By filling the tank with compressed air and increasing the water surface pressure, the pressure in the water increases synchronously, thereby simulating different water depth environments.

Features:

The primary distinction between this equipment and the YX-IPX7/8-10A submersion test chamber lies in its simulated water depth range of 1-30 meters, which can accommodate various testing requirements for different products.

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.
- 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.

The Main Technical parameters:

Item	Specification
Thickness of lid	15 mm
Flange thickness	20 mm
Tank thickness	3 mm
Equipment net weight	Approx 35 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	0-999 s/min/h
power supply	220V/50Hz
power	100 w

Use:

The IPX8 diving test device has wide application prospects in industries and fields requiring waterproof performance testing, such as electronics, lamps and electrical products, automotive components, and others. Through testing with this device, it can ensure that products possess good waterproof performance under specific water depths, thereby satisfying users' usage requirements.

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 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.
- 3 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.
- 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.

Product detail:



control panel

Tags: IPX8 immersion soaking test chamber , IPX8 waterproof test equipment , Environmental testing machine



Guangzhou Yuexin Test Equipment Co., Ltd.



18122303372



mft@yxipx.com



raintestchambers.com

101, No.3, Jiangjunzi Road, Dalong Street, Panyu District, Guangzhou City China