

IPX7 IPX8 10m Immersion Test Machine 304 Stainless Steel 350L Water Immersion Tank

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-IPX7/8-10A-350L
- 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
- Set Pressure Of Safety Valve: 0.15 Mpa 150kPa
- Power: 100W
- Experimental Scenarios: Short Time Immersion Test Environment , Environment Of Long Term Immersion Up To A Specified Pressure
- Depth Range: 1-10m
- Product Name: Immersion Soaking Test Chamber , Waterproof Testing Chamber
- Highlight: **10m Immersion Test Machine, 304 Stainless Steel Water Immersion Tank, 350L Water Immersion Tank**



More Images



Product Description

IPX7 IPX8 10m Submersion Test Machine , Containable 350L Water Immersion Tank

General specifications:

Outer dimension	Approx W 800×D 950×H 1750 (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 device is equipped with a pressure sensor, which can display the internal pressure change synchronously.

Cylinder lifting devices are installed on both sides of the tank, so that the lid can be lifted and lowered smoothly.

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.

A hook is welded inside, which is convenient for users to fix and take samples.

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	10 mm
Flange thickness	15 mm
Tank thickness	2 mm
Equipment net weight	Approx 100 kg
pressure range	0-100 kPa
Water depth(maximum)	10 meters
Adjustment method	Automatic adjustment
Pressure accuracy	1 kPa
pressure error value	±2 kPa
Set pressure of safety valve	0.15 Mpa(150kPa)
Testing time ⁶	0-999 s/min/h
power supply	220V/50Hz
power	100W

Installation requirements:

Aisle: Before the equipment enters the factory, please confirm that the space in the aisle, elevator, laboratory, etc. of the factory area is sufficient for the equipment to pass through.

Water source: Please prepare clean water source.

Air source: Please prepare a compressed air source with an output pressure of 0.6-0.8Mpa⁷.

Power supply:220V/50HZ, 100w please check whether it is compatible.

Site space:≥W1300×D1300×H2500mm

The room needs to reserve a drain, and the bottom of the machine can be connected to a water pipe for drainage.

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 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 image:



pressure regulating valve

Tags: IPX8 water immersion test machine , Waterproof testing chamber , Environmental testing machine



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