



## XI'AN LIB ENVIRONMENTAL SIMULATION INDUSTRY

Climatic Test Chamber Manufacturer and Supplier



### IPX7IPX8 Water Immersion Tank

#### Technical Parameter

- Useful volume, diameter 600mm \*Height 1500mm.
- Materials is 15mm thickness A3 steel plate
- Water depth pressure range 0~50m, adjustable
- Automatic water supply
- Programmable color touch screen type controller  
which can display temperature, specimen surface temperature, water depth, run time.
- Open/close mode with pneumatic lift with safety lock
- Seamless welding technology
- 380V 50HZ 3phase

### TESTING REQUIRMENTS OF IEC60529 IPX7X8

#### 14.2.7 Test for second characteristic numeral 7: temporary immersion between 0,15 m and 1 m

The test is made by completely immersing the enclosure in water in its service position as specified by the manufacturer so that the following conditions are satisfied:

- a) the lowest point of enclosures with a height less than 850 mm is located 1 000 mm below the surface of the water;
- b) the highest point of enclosures with a height equal to or greater than 850 mm is located 150 mm below the surface of the water;
- c) the duration of the test is 30 min;
- d) the water temperature does not differ from that of the equipment by more than 5 K. However, a modified requirement may be specified in the relevant product standard if the tests are to be made when the equipment is energized and/or its parts in motion.

#### 14.2.8 Test for second characteristic numeral 8: continuous immersion subject to agreement

Unless there is a relevant product standard, the test conditions are subject to agreement between manufacturer and user, but they shall be more severe than those prescribed in 14.2.7 and they shall take account of the condition that the enclosure will be continuously immersed in actual use.

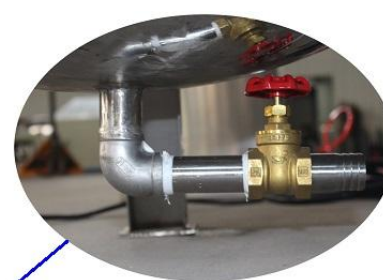
### DETAILS CONSTRUCTION FOR IPX7X8 WATER IMMERSION TANK

#### 1. Where is the water inlet ?



It's "Water Inlet hole".  
When you begin to test, please open this valve, connect tube from faucet to here, and add water into tank automatically.

#### 2. Where is the water outlet ?



It's "Water outlet hole".  
When you finish testing, please open this valve, water will flow out automatically.



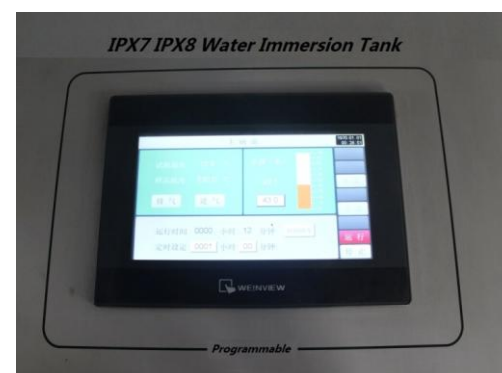
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### 3. About the controller

Programmable Color Touch Screen Type

Display Temperature, Sample Surface Temperature, Water depth, Run time



### PACKAGE FOR IPX7X8 WATER IMMERSION TANK

Export Standard Wooden Box

Can be used for Sea, Air, Railway, Truck transportation.



### INSTALLATION FOR IPX7X8 WATER IMMERSION TANK

Operation manual and video available for all test chambers.

#### Environment conditions

Temperature: 5°C --35°C, Relative humidity: ≤85%,

Pressure: 86kPa—106 Kpa

#### Space conditions

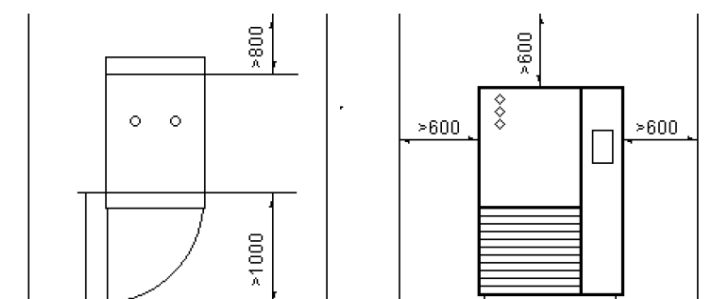
Chamber shall be installed on flat floor, with good ventilation

No combustible material, explosive material or strong vibration around.

No direct sunlight or other heat sources direct radiation.

No strong airflow around.

No strong electric field around.



### WARRANTY & SERVICE FOR IPX7X8 WATER IMMERSION TANK

3 Years Warranty, Lifelong Follow-up Services.

Training how to install and operate the machine.

Training how to maintain the machine.

Response within 24 hours once got questions from customers.

Send spare parts within 2 days after got notice.

Engineers available to service machinery overseas to install and commissioning.

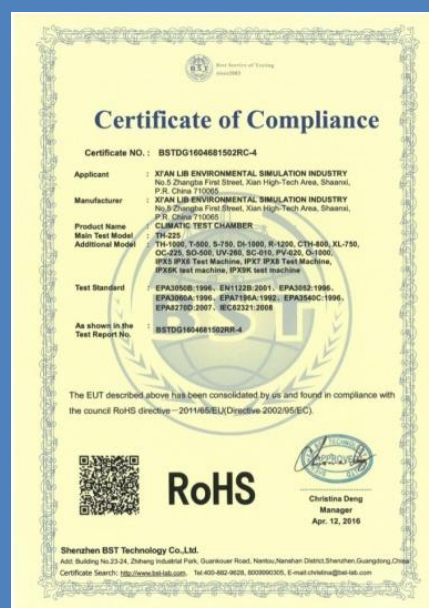


**Xi'an LIB environmental simulation industry** is a manufacture and exporter of climatic test chambers in China, and have over 8 years overseas market in test chambers to more than 25 countries.

We provide various climatic chambers and service to accredited laboratories, manufacturing industry, institute, university, companies and other partners. And got testimonials from many of our esteemed companies.

To provide better service for customers, we have assembled a team of experienced and motivated people to provide service as

- An extensive range of standard and custom test chambers
- Services, Maintenance & Calibration for all kinds of environmental chambers
- Provide test solutions



## Xian LIB Environmental Simulation Industry

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