

Product Information

Waterproof Tester | WT 11 -IPX8 Pressure Immersion Water Test chamber



Principle: Water Immersion Test Chamber used to test anti-rain and water-proof performance for products, the products such as steam locomotive lamps, wiper performance, waterproof bands, motorcycle instruments, defense industry, navigation systems, missiles, radar cone top, aerospace industry etc.

Applications:

Water Immersion Test Machine has been widely used in domestic commodity inspection bureau and the domestic and foreign products, quality authentication laboratory and the domestic and foreign well-known electronics manufacturers. Equipment performance had achieved the international advanced level, cost-effective.

Standard :

IEC60529:1989 +A1:1999 +A2:2013

GB/T4208-2017 Housing Protection Rating (IP Code) 14.2.8

GB7000.1 Lamps Part I: General Requirements and Trials 9.2.9

Features:

1. Suitable for product **IPX7 + IPX8 waterproof testing**
2. The tank is made of 304 stainless steel, high-precision overall sub-arc welding forming, good pressure;
3. The immersion tank is made of SUS304 stainless steel
4. Special silicone seal ring, good elasticity, good durability.
5. Top tank cover on equipment - secured with 8 ring screws (send auxiliary-steel rod).
6. The equipment is equipped with a safety valve that automatically releases pressure after exceeding the rated pressure, preventing operator errors and hazards.
7. Electronic control components using imported brands (e.g. LS, Panasonic, Omron, etc.).
8. Using the imported Panasonic pressure sensor - automatic control tank test pressure, control accuracy: ± 0.002 Mpa, sensor display accuracy: 0.001Mpa.
9. The equipment base is equipped with 4 casters for easy movement and fixation.
10. **The outside of the tank is connected to a transparent tube, and the outer layer is fitted with a stainless steel ruler for a clear observation of the internal water level.**
11. The inlet and drain valves are installed in the bottom position of the equipment.
12. **Tank installation cylinder lifting device, smooth lifting, easy to work**

Technical parameters :

The size outside the water tank	800*950*1750 mm (include casters)
The size of the inner box	Dia600 *high 1200 mm
box thickness	4 mm
Material	stainless steel
Flange thickness	25 mm
Flange material	stainless steel
The weight of the device	About 150 kg
The way to expose	Cylinder lift
Pressure control method	self-regulation
The pressure error value	± 0.002 Mpa
The sensor displays accuracy	0.001 Mpa
Test the depth range	0—50 M
Pressure adjustment range	0—0.5 Mpa
The relief valve exhaust pressure	0.55 Mpa
Maximum limit pressure	0.6 Mpa
Test time set range	0-999 min
protector	Pressure relief valve protection and Leak switch protection
The intake method	The sensor sets the value
voltage	220V. 50Hz
power	100W

Terms of use :

Environmental requirements	Ground is flat, drainage is smooth, the ground and walls are waterproof, setting ground leakage or drainage ditches. Well ventilated. No strong electromagnetic field around. No flammable, non-explosive, non-corrosive substances and dust around . Rack and control box Distance: 800-1000mm.
Temperature	5°C ~ 35°C
Humidity	≤85%
Atmospheric pressure	Customer-owned air compressor, recommended output air pressure: 0.6Mpa-0.8Mpa
Water	Tap water/pure water

Accessories:

1. Safety valve certificate* 1
2. Auxiliary steel rod *1 stick;
3. intake pipe *1 pcs
4. 5 meters pipe*1 pcs

