

Product Information

Waterproof Tester | WT 10 -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 IPX8 waterproof testing
2. Chamber max allowable water depth of the box is 1.2 M, the bottom area: 1000 x 1000mm. (Customizable)
- 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. According to customer requirements, punching in the tank, convenient sample for live testing (before place the order to explain this requirement)

Technical parameters :

The size outside the water tank	610*780*1050 mm (include casters)
The size of the inner box	500*500 mm
box thickness	4 mm
Material	stainless steel
Flange thickness	25 mm
Flange material	stainless steel
The weight of the device	About 90 kg
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
The intake method	Adjust the regulator valve manually
voltage	220V
power	100W

Terms of use :

Environmental requirements	I 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



side