

Product Information

Waterproof Tester | WT 09 -IPX7 Water Immersion 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) 14.2.7

GB7000.1 Lamps Part I: General Requirements and Trials 9.2.8

Features:

1. Suitable for product IPX7 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 has a double-layer structure :
Inner layer is made of SUS304 stainless steel+ 40 square tube to do the reinforcement, to keep the inner box will not deform + outer layer is welded with hair-printed stainless steel plate.
4. In and out of the waterway pipes under the installation water tank
5. The observation window material is 12mm tempered glass, which can observe the test condition of the sample.
6. The stainless steel base frame is equipped with heavy casters and a cup of feet ,easy movement and fixation.
7. The stainless steel ruler can shows the water level precisely.
8. There is a stainless steel hook on top of the inner box for easy hanging test samples.

Technical parameters :

The size outside the water tank	1170*1100*1360 mm (include casters)
The size of the inner box	1000*1000*1200 mm
The highest test depth of water	1.2m
Inner box thickness	1.5mm
Observe the perspective window	Tempered glass (thickness: 12mm)
Observe the width of the window	200 mm
Water level adjustment method	Water in/drain valve, manual adjustment
The water level is displayed	Stainless steel ruler (precision 1mm), horizontal visual
Rack material	Stainless steel square tube

Terms of use :

Environmental requirements	<ul style="list-style-type: none"> I Ground is flat, drainage is smooth, the ground and walls are waterproof, setting ground leakage or drainage ditches. I Well ventilated. I No strong electromagnetic field around. I No flammable, non-explosive, non-corrosive substances and dust around . I Rack and control box Distance: 800-1000mm.
Temperature	5℃~35℃
Humidity	≤85%
Atmospheric pressure	86kPa~106kPa

Accessories:

1. water tube : 3 meter *2 pcs