

Product Information

Waterproof Tester | WT 08 - IPX5/6 Strong Jet Water Test Chamber



Principle: IPX5 IPX6 Water Jetting Test Chamber is applied to test the water tightness of enclosures of automotive parts, outdoor lamps and electronics parts. The chambers built with the water tightness of sealed components such as head lamp, Power connector. Waterproof power connector in the test room can easily supply electricity to the specimens.

IPX5 and IPX6 functions on one test chamber, make testing convenient and cost-effective.

Standard :

IEC60529:1989 +A1:1999 +A2:2013

GB/T4208-2017 Housing Protection Rating (IP Code) 14.2.5, 14.2.6

GB7000.1 Lamps Part I: General Requirements and Trials 9.2.6, 9.2.7

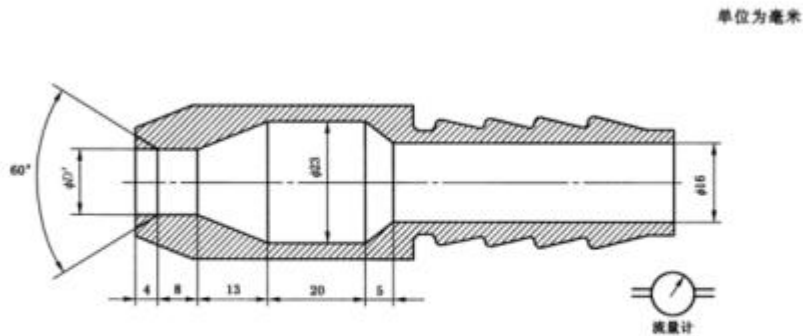
Features:

1. Suitable for product IPX5, IPX6 waterproof testing
2. The shell is made from domestic high-quality steel plate.
3. **Equipment with water tank, can recycle water, no need to build a professional waterproof test room.**
4. The use of high-quality servo motor, low noise, swing speed, angle more accurate..
5. **The operator is not required to carry out the test with a spray gun, just fixed a sample can be tested.**
6. The turntable electrical part is fully sealed, effectively preventing water inlet and leakage .
7. sample turntable: US304 stainless steel plate processing and manufacturing.

8. The power-off time of the sample power supply can be controlled by the program: power failure (0-999 min) - power on (0-999min) - power failure (0-999min), suitable for samples in the test need to power off.

9. Nozzle: According to IEC60529 .

GB/T 4208—2017/IEC 60529,2013



$D' = 6.3$ 14.2.5 的试验(第二位特征数字为 5)
 $D' = 12.5$ 14.2.6 的使用(第二位特征数字为 6)

图 6 检验防喷水试验装置(软管喷嘴)

10. LED waterproof lighting is installed in the test chamber to facilitate the observation of the test sample.

(WT-007 is a fixed-point spray, and WT-008 is a up-and-down swing spray)

Technical parameters :

Apply to the product	IPX5, IPX6 test
IPX5 Spray hole size	Dia 6.3 mm
IPX6 Spray hole size	Dia 12.5 mm
Inner size	800*800*800 mm (turntable 200 mm High)
Tank volume	40L
Turntable diameter	600 mm
Sample turntable's size	600*600*600 mm
Flow	12.5±0.625(L/min)(IPX5) ; 100±5(L/min)(IPX6)
Turntable height adjustable range	(Non-lifting (fixed))
Water flow control	Manual adjustment (rotor flow meter)
Water spray distance	2.7 m (nozzle distance from the center of the turntable)
Spray gun fixing method	Fixed (or adjust the angle manually)
Turntable's maximum load	50 KG
Spraying water	recyclable
Safety protection	Leakage protection, water shortage protection, short-circuit protection
Dimensions	3540*1040*1600 mm
Machine power supply	AC380V; 3.0kw, Fire line+zero line+protective ground line(Resistance < 4Ω)
Sample load power supply	AC220V±10% ; 50Hz

Terms of use :

Environmental requirements	<ul style="list-style-type: none"> ● 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 .
Temperature	5°C ~ 35°C
Humidity	≤85%
Atmospheric pressure	86kPa ~ 106kPa
Power supply conditions	<ul style="list-style-type: none"> ● Install the appropriate capacity of the leakage protection air switch for the device, the switch must be used independently of the device. ● Do not use the knife-switch or power outlet. ● Distance is no more than 2m from the air switch of creepage and equipment .
Water conditions	<ul style="list-style-type: none"> ● The water pressure is not less than 0.2Mpa and a 4-point tap is installed. ● The tap is no more than 2 meters away from the device.

Accessories:

1. Waterproof socket (IP66) 1pcs;
2. water tube : 5 meter *1 pcs

