

IPX5-7 280L Rain Test Machine For Testing Product Waterproof Performance

Our Product Introduction

Basic Information

- Place of Origin: Guangdong , China
- Brand Name: YueXin
- Certification: ISO20653:2013 IEC60529:2013
IEC60598:2021 DIN40050-9:1993
- Model Number: YX-IPX57A-280L
- Minimum Order Quantity: 1 pcs
- Price: usd+20000-50000+pcs
- Packaging Details: wooden box package
- Delivery Time: 30-45 days
- Payment Terms: T/T
- Supply Ability: 100+pcs+30



Product Specification

- Goods Name: IPX5-7 Rain Test Machine
- Rated Power: 2.0 Kw
- Power Supply: 380V/50HZ
- Observation Window: Tempered Glass (thickness: 12mm)
- Turn Table Load Bearing: 50KG
- Turn Table Lifting Height: Non-lifting (Fixed)
- Function: Water Spray, Water Jet, Water Immersion
- IPX7 Highest Water Level: 1.2 Meters
- Highlight: **280L Rain Test Machine,**
Product Waterproof Performance Rain Test
Machine
, IPX5-7 Rain Test Machine

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Product Description

IPX5-7 280L Rain Test Machine for Testing Product Waterproof Performance

Product characteristics:

- 1, This machine is suitable for IPX5, IPX6, IPX7 waterproof test.
- 2, The fuselage is made of 304 stainless steel to ensure that it will not rust for the long-term test.
- 3, The size of the water storage tank is: 500-400-1400mm (compatible with IPX7 test chamber).
- 4, The highest water level of IPX7 is 1.2 meters; there is a lifting device on the top of the immersion tank, which is convenient for taking and placing samples.
- 5, Use flowmeter to adjust flow rate to meet standard requirements: 12.5L/min \pm 5%(IPX5) 100L/min \pm 5%(IPX6).
- 6, The speed of the turntable is adjustable, and the adjustment range is 1-5R/min.
- 7, The turntable is equipped with a sample power socket, which can provide an electrified test environment for the sample.
- 8, The bottom is installed with brake casters which is convenient for users to move and fix.
- 9, The equipment is equipped with a special spray gun holder to reduce the pressure of hand-held operation and make the test more convenient.
- 10, The observation window is made of 12mm tempered glass (W200mm \times H1100mm), which can clearly observe the test situation of the sample.

Usage:

This apparatus primarily serves to assess the waterproof capability of lamp casings, household appliances, electronic devices, and more, through simulating environmental conditions like water spraying, intense spray, and submersion. Following the test, an evaluation is conducted to ascertain if the product casing's waterproof rating meets standards, aiding enterprises in refining their product designs and factory quality control.

Technical parameter:

| | |
|--------------------------------|---|
| External dimensions | W800 \times D500 \times H1600mm |
| Turntable size | W500 \times D400 \times H1400mm |
| Storage tank volume | 280L |
| Turn table diameter | Ø600mm |
| IPX5 nozzle diameter | Ø6.3mm |
| IPX6 nozzle diameter | Ø12.5mm |
| Water Flow(IPX5) | 12.5 \pm 0.625(L/min) |
| Water Flow(IPX6) | 100 \pm 5(L/min) |
| Water flow control | Manually adjust by flowmeter |
| Water spray distance | 2.5-3m(Controlled by the operator) |
| nozzle fixed way | Fixed by a special bracket |
| Turn table load bearing | 50kg |
| Turn table lifting height | Non-lifting (Fixed) |
| Water spraying mode | Disposable water spray, can not be recycled |
| observation window | Tempered glass (thickness: 12mm) |
| Observation window width | 200mm |
| Water level adjustment method | Inlet/drain valve, manual adjustment |
| Load bearing of lifting device | 100kg |
| Control system | (Touch) 7 "touch screen +PLC |
| Power supply | 380V/50HZ |
| Sample power supply | 220V/10A |
| Rated Power | 2.0 kw |

Installation and use conditions:

- 1, Site of installation : Recommended installation position dimensions \geq W3500 \times D2500 \times H2500mm
- 2, Power supply: 380V / 50HZ (This is negotiable and adapted to customer conditions), and the length of the power cable is 2.5 m;
- 3, Water source requirement : The supplier delivers 6 meters water pipe (specification DN15), and the user needs to ensure that the water source is within this range (if it needs to be extended, please explain in advance);
- 4, Drainage requirement: Users should make drainage channels in the site in advance.

Accessories list:

Operating instruction /1pcs
Data CD/USB disk /1pcs(May need to be sent separately according to the actual situation)

Notice:

Due to the technical upgrade, some technical parameters do not conform to the actual machine, please forgive us without further notice.

Detail picture:



control panel

Tags : IPX5-7 Environmental Test Machine , IP Grade Climatic Chamber , Waterproof Testing Equipment



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