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- Spectroradiometer >
- Integrating Sphere >
- LED Test Instruments >
- CFL Testing Instruments >
- Photometer and Colorimeter >
- EMI and EMC Test Systems >
- Electronic Ballast Tester >
- Electrical Safety Tester >
- Environmental Test Chamber >
- Plug and Switch Testing >
- AC and DC Power Supply >
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Waterproof Test Chamber

Product No: JL-XC

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JL-XC series waterproof test chambers are mainly used for small electronic and electrical products such as lamps, electrical cabinets, electrical components and so one. It is used for physical and other related properties checking under simulated climatic conditions. It determines whether the performance of the product meets the requirements or not after the test. It is very useful in the design, improvement, verification and factory inspection of the product. The JL-XC fully meets [IEC60598-1](#), [IEC60529:1989 +A1:1999 +A2 : 2013](#) 《Degrees of protection provided by enclosures(IP Code)》, [GB4208-2008](#) and [GB7000.1](#).

Features:

- The outer casing is made of high-quality steel plate, and the surface is painted with paint which is beautiful and durable. The inner box, the turntable, and the wading part are all made of SUS304 stainless steel plate to make sure that it will not rust after using for a long time. (Inner box sheet thickness: 1.2mm, can handle the water pressure)
- IPX12: The compressed air drying function can remove the excess water in the drip tank after the test to avoid long-term water accumulation and fouling. (User need to provide air compressor)
- IPX34: The driver for the swing pipe adopts high-quality servo stepping motor, the swinging speed and angle are precisely adjustable. There is no out-of-step problem (the risk of out-of-step: it will cause the swinging tube to malfunction, hitting the middle turntable shaft, causing equipment damage)
- IPX56: It is with monolithic structure. The spray gun direction is adjustable and can be fixed. The operator only need to start the test but no need to carry the spray gun.
- The water supply line is equipped with a filter to filter impurities in the water to prevent nozzle clogging.
- The LED waterproof lighting is installed in the chamber, and there is a large observation window on the door to facilitate the observation of the test sample.
- The equipment equipped with a water tank for recycling water, no need building a professional waterproof test room. The water tank float valve in the water tank automatically controls the water inlet, and has high and low water level alarm monitoring to effectively prevent the pump from being damaged due to running out of water.
- The turntable uses a stepper motor, the speed can be set on the touch screen, and can control the forward and reverse rotation (suitable for the sample power-on test to prevent winding).
- Touch screen control function: Directly select the waterproof level on the self-developed IPX waterproof level test operation interface. You can run test according to the waterproof rating conditions in the standard terms easily.
- Test sample input power: single-phase 220V/10A (other specifications can be customized)
- Equipment power supply frequency: Default is 50Hz and 60Hz is also available (It is very important to confirm us your grid power frequency)

Specifications

Model	JL-12CP-600M	JL-12CP-1200M
Test Level	IPX1 , IPX2	
Drip size	600*600mm	1200*1200mm
Drip aperture	φ 0.4mm	
Distance between drip holes	20*20 mm	
Turntable diameter	φ 600 mm	
Flow	1-5 mm /min(±0.5mm/min)	
Flow adjustment method	Manual adjust	
Drip board lifting method	Not lifting (Fixed)	
Turntable height range	350-700 mm	
Turntable maximum load bearing	50KG	
Turntable tilt	0°or15° (horizontal direction)	
Turntable speed	1 r/min (IPX1)	
Test time	0-999 min	
Security function	Leakage protection, water shortage protection, short circuit protection	
Equipment power supply	380V/Three-phase/50Hz (60Hz customizable)	

