



Dongguan Hust Tony Instruments Co.,Ltd
东莞华科东尼仪器有限公司

Address: No. 1 Tech 9 Road, High - New Tech Development Zone, Songshan Lake, Dongguan City 523808, China

Tel: 86-769-23010657

Fax: 86-769-23010667

Email: Addams@tonyhk.hk

IPX34 Rain Testing Machine TW-110-Manufactuer



IPX34 Rain Testing Machine TW-110. By simulating the rainwater environment, realistic analog electronic components or electronic products can be provided during transportation or use, and may be splashed or drenched in various environments to detect whether the product has waterproof and rainproof functions.

Technical Specifications

Model	TW-110	TW-111	TW-112
Inner Box Size (W*D*H)	600*600*600 mm	800*800*800mm	1000*1000*1000mm
Machine Dimension(W*D*H)	1200*900*1700 mm	1400*1100*1800 mm	1600*1300*1950 mm
Diameter of Spray Ring	350 mm	550 mm	750mm
Material of Inner Box	304 stainless steel		
Outer box Material	304 stainless steel		
View Window Waterproof Tempered Glass	About 400*600 will vary according to the actual size		
Turntable Load	20KG (other load can be customized)		
Height of Sample Frame	0-300mm		
Control Mode	Color screen touch screen		
Orifice Diameter	0.4mm		
Distance of Orifice	50mm spacing		
Water Pressure (Mpa)	Regulate water flow according to regulations		
Swing tube Diameter	16mm		
Testing Time	1-999min, adjustable		
Swing tube Angle IPX3	±45°/60°/90° left and right along the vertical line (or customized)		

Swinging pipe Speed IPX3	15 cycles /min IPX4:10 cycles /min
Rotary Speed	1-5rpm
Power Supply	AC220V, 50/60HZ 1.5KW

Features

- 1.Rain test box is a kind of artificial imitation of rain test box. It is well known that all components and equipment in the atmospheric pressure environment, regardless of the operation condition or storage condition, will be affected by various water (including impurities) to varying degrees. Rain test is to avoid the change of operation efficiency of these equipment when it is soaked by rain and rain or after rain.
- 2.The performance indicators of the experimental box meet GB/T10485 "Car and trailer external devices, car and trailer external lighting and signal device basic environment experiment, industrial electronic products basic environment experiment" and JIS, MIL and other related experimental specifications.
ISO 20653-2006, GB-4208-93, GB2423.37-89La, GB4208-93, DIN40050.5K and other corresponding national specifications of the rain test.
- 3.The shower head is made of stainless steel, evenly distributed on the top of the shower experiment box with aerosol spray; Large rainfall sprinklers are distributed around the experimental box, and the spraying direction is adjustable. The water channel is controlled by the switching solenoid valve. There are flow meters in the spray line to show the amount of rain.
- 4.The original imported inverter is used to show the speed and set speed, and the rotation speed of the turntable is adjustable.

Standards

ISO 20653-2006、GB-4208-93、GB2423.37-89La、GB4208-93、DIN40050.5K