

ASLI Rain Spray Test Chamber



Rain Spray Test Chamber

Application:

Rain Spray Test Chamber is applied to test the shell's waterproof effect of electronics, automobile and communication, using rainfall simulation to test the product's waterproof performance and assess the product's waterproof performance's loss classification.

Features:

1. Water pressure and flow rate adjustable.
2. Unique sprinkler can stably control the rain quantity and pressure.
3. This equipment (Model B) can make the test products' temperature rising from RT-85°C
4. Inner case's material is imported steel plates, Shell is made of #304 stainless steel.
5. This equipment applies rain spray test for products and parts.

Out Case Protection Grade:

1. IPX1, IPX2 test

IPX1, X2 Negative pressure to absorb design

Unique nozzle, not easy to block

2. IPX3, IPX4 test

Pipe swing-type designed with gear motor, angle and speed adjustable.

Nozzle Angle aiming at the circle center

3. IPX5, IPX6 test

IPX5, IPX6 titanium alloy Nozzle

Water column non-proliferation

4. IPX9K test

IPX9K imported pump, high temperature & high pressure resistant

Standard titanium alloy Nozzle

Homogeneous distribution of pressure

Technical Parameters:

Model	RT-1000A	RT-1000B
Test Standard	JIS, ISO, IEC60529, DIN40050, GB2423, GB4208 standard	
Internal Dimension WxHxD (mm)	1000x1000x1000	
External Dimension WxHxD (mm)	1600x1900x1400	
JIS Test	Flow:1.8L/Min~3.9L/Min	Flow:24.5L/Min~39.2L/Min
	Pressure:0.1kgf/cm ² ~0.3 kgf/cm ²	Pressure: 1kgf/cm ² ~3 kgf/cm ²
Drop Test	1~1.5mm/Min Adjustable	3~3.5mm/Min Adjustable drop
	IPx1 IPx2 drop speed: 1~1.5mm/Min, adjustable	speed:3~3.5mm/Min, adjustable
Rain of Pipe-Swing Test	IPx3 IPx4 swing pipe: RT~±80°C Flow:0.07L/min per Nozzle	
Water Spray Test	IPx3 IPx4 jet:2.5m~3m flow :12.5L/min ~100L/Min	
High Pressure Jet Test	80Kgf~100Kgf	
	IPx9K pressure of jet:80Kgf~100Kgf Flow:14~16L/Min	
Rotating Speed of Rotating-Plate	4~20 RPM adjustable	