



XI'AN LIB ENVIRONMENTAL SIMULATION INDUSTRY

Climatic Test Chamber Manufacturer and Supplier

IPX1 IPX2 IPX3 IPX4 Water Spray Test Chamber

Model RD-1200





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Standard Features

- ◆ Protection against drip, spraying and splashing water
- ◆ IPX1, IPX2, IP X3 and IP X4 tests can be performed.
- ◆ Oscillating tube and drip tray.
- ◆ Programmable color display touch screen controller
- ◆ Automatic water supply
- ◆ Large viewing window with wiper
- ◆ Test chamber internal illumination
- ◆ IEC60529 standard

Main Technical Parameter

Model	RD-800	RD-1200
Internal dimensions (mm)	900*900*900	1400*1400*1400
Overall dimensions (mm)	1120*1460*1660	1600*1950*2100
Oscillating tube radius	400mm	600mm
Drip Tray(mm)	600*600	1000*1000
Spraying hole diameter	φ0.4mm	
Hole spacing	50 mm	
Oscillating tube range	±45°, ±60°, ±90°, ±180°(theoretical value)	
Turntable rotation speed	1r/min, or steeples speed regulating (optional)	
Controller	Programmable color display touch screen controller, PC Link with software, R-232 interface	
Water pressure control	Flow meter	
Observation window	Large viewing window with wiper	
Water supply system	Storage water tank, booster pump, Automatic water supply, Water purification system, Water saving	
Safety protection device	Electric leakage, short circuit, motor overheating, over-current protection	
Exterior material	Steel Plate with protective coating	
Interior material	SUS304 stainless steel	
Power	AC380V 50HZ	
Standard	IEC 60529	



Design and Construction

● Test Area

Test area is made of stainless-steel.

Test chamber internal illumination.

Test specimen is placed and fixed on turntable.

Turntable rotation speed is 1r/min, which can be adjustable.

● Oscillating Tube

Oscillating tube range can be reached to $\pm 45^\circ$, $\pm 60^\circ$, $\pm 90^\circ$, $\pm 180^\circ$

Diameter of spraying hole is $\phi 0.4\text{mm}$.

Hole spacing is 50 mm

● Drip Tray

IPX1 IPX2 drip nozzle diameter is $\phi 0.4\text{mm}$.

Nozzle spacing is 20mm.

Water flow can be set on controller.

● Control Panel

Programmable color display touch screen controller

Program: 99 groups in 99 sections

RS-232 interface

PC Link

● Water Supply

Automatic water supply

Water purification system

Build in 86L water reservoir to ensure adequate water supply

● Viewing Window

Large viewing window with wiper

Can observe samples during testing

● Safety Protection

Over temperature protection,

Water shortage protection

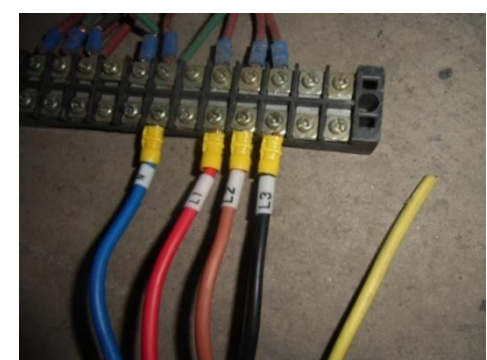
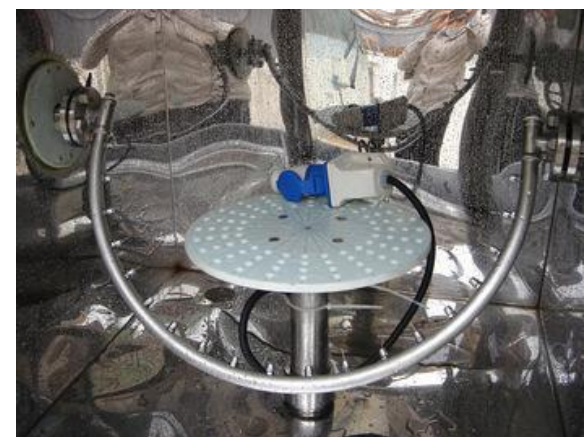
Over current protection

Earth leakage protection

● Power Supply and Wiring

380V, 50 Hz 10% +/-

Three-phase-five-wire system





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Package with Export Standard Wooden Box

Can be used for Sea, Air, Railway, Truck transportation.



Installation

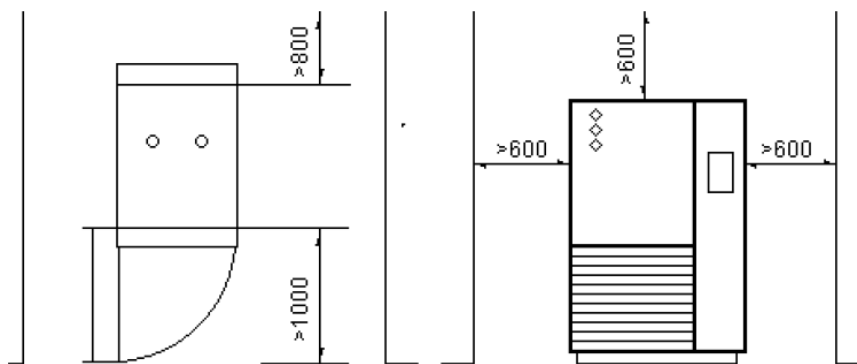
Operation manual and video available for installation & operation

Environment conditions

Temperature: 5 °C --35 °C , Relative humidity: ≤85%,
pressure: 86kPa—106 Kpa

Space conditions

Chamber shall be installed on flat floor, with good ventilation
No combustible material, explosive material or strong vibration around.
No direct sunlight or other heat sources direct radiation.
No strong airflow around.
No strong electric field around.



Warranty & Service

3 Years Warranty, Lifelong Follow-up Services.

After-Sales Service

3 Years Warranty, Lifelong Follow-up Services.

Training how to install and operate the machine.

Training how to maintain the machine.

Response within 24 hours once got questions from customers.

Send spare parts within 2 days after got notice.

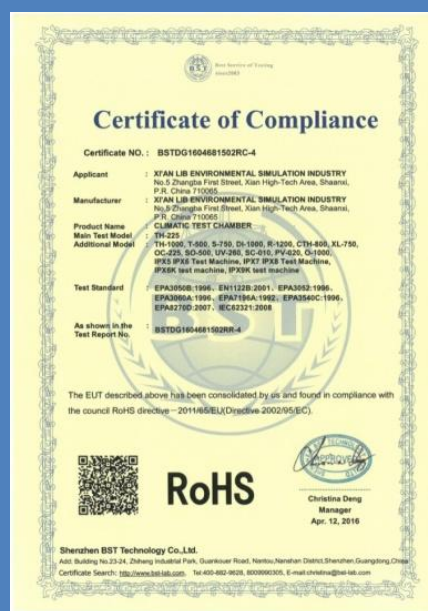
Engineers available to service machines overseas to install and commissioning.

Xi'an LIB environmental simulation industry is a manufacture and exporter of climatic test chambers in China, and have over 8 years overseas market in test chambers to more than 25 countries.

We provide various climatic chambers and service to accredited laboratories, manufacturing industry, institute, university, companies and other partners. And got testimonials from many of our esteemed companies.

To provide better service for customers, we have assembled a team of experienced and motivated people to provide service as

- An extensive range of standard and custom climatic test chambers
- Services, Maintenance & Calibration for all kinds of environmental chambers
- Provide test solutions



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