



XI'AN LIB ENVIRONMENTAL SIMULATION INDUSTRY

Climatic Test Chamber Manufacturer and Supplier

IPX5 IPX6 Water Spray Test Chamber

R56-800C



Main Technical Parameter

Model	R56-800C	
Workroom dimension (mm)	800*800*800	D*W*H
External dimension (mm)	1050*3100*1850	D*W*H
Diameter of turntable (mm)	400mm	
Water tank size	450*250*450	D*W*H
Nozzle Internal Diameter	6.3mm (12.5mm for IPX6 nozzle diameter)	
Water flow rate	12.5L/min ±5% (100L/min ±5% for IPX6 water flow rate)	
Standard	IEC60529	
Nominal power	3500W	
Power supply	380V 50HZ	
Description	Water projected by a nozzle (6.3 mm) against enclosure from any direction shall have no harmful effects. And water projected in powerful jets (12.5 mm nozzle) against the enclosure from any direction shall have no harmful effects.	
Test method	Core of the substantial stream at 2.5 m distance from nozzle is circle of Approximately 40 mm(120mm). Test duration per square meter of enclosure surface area to be sprayed is 1min. Minimum test duration is at least for 3 min. Distance from spray nozzle to enclosure surface is 2.5~3m.	



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Design and Construction

● Test Area

Test area is made of stainless-steel.

Enclosure to be tested is placed on turntable.

Diameter of turntable is 700 mm.

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

● Control Panel

Programmable color display touch screen controller

Program: 99 groups in 99 sections

RS-232 / RS-485 interface

PC Link

If you test IPX5, press IP5X key on controller.

If you test IPX6, press IPX6 key on controller.

Showing Time, Temperature, on/off switch, flow meter, pressure meter

● Water supply and jetting test

Automatic water supply

Water purification system

Build in 86L water reservoir to ensure adequate water supply

Circulating Water, water recycle use

IPX5 water flow rate is 12.5L/min $\pm 5\%$

IPX6 water flow rate is 100L/min $\pm 5\%$

● Large Viewing Window

Interior lighting

Window coated with conducting film to protect it from frost.

Size is 450*550mm W*H.

● Safety Protection

Over temperature protection,

Water shortage protection

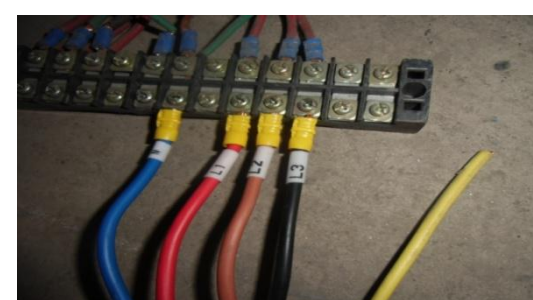
Over current protection

Earth leakage protection

● Power Supply and Wiring

380V, 50 Hz 10% +/-

Three-phase-five-wire system



Package with Export Standard Wooden Box

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

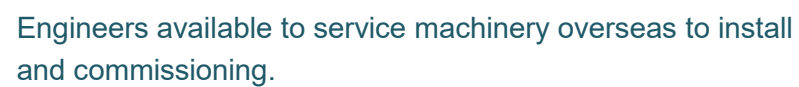


Operation manual and video available for all test chambers.

3 Years Warranty, Lifelong Follow-up Services.

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

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.

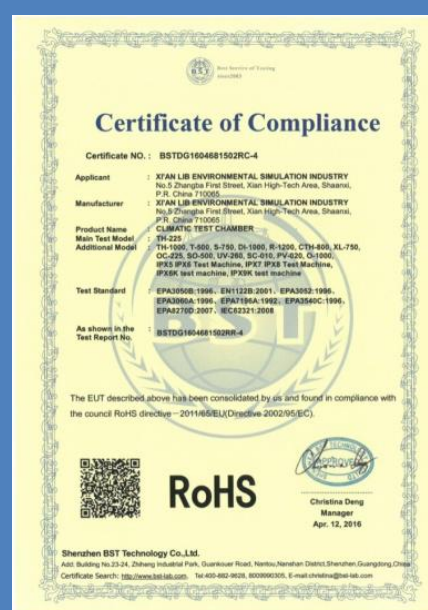


Xi'an LIB environmental simulation industry is a manufacture and exporter of climatic test chambers in China, and have over 8 years overseas market in test chambers to more than 25 countries.

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



Xian LIB Environmental Simulation Industry

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