



XI'AN LIB ENVIRONMENTAL SIMULATION INDUSTRY

Climatic Test Chamber Manufacturer and Supplier

IPX9K High Temperature High Pressure Water Test Chamber

--- Model: IPX9K





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Standard Features

- Protection against high pressure jet test.
- IPX9K can be performed.
- Programmable color display touch screen controller
- Automatic water supply
- Large viewing window with wiper
- Test chamber internal illumination
- Power supply 380V 50HZ 3Phase

Main Technical Parameter

Model	IPX9K
Internal dimensions (mm) D*W*H	1000*1200*1000
Overall dimensions (mm) D*W*H	1250*1700*2050
Test Platform diameters	600mm
Test Platform height	200-450mm. adjustable
Test Platform speed	5 ±1 r.p.m
Test Platform load	≤100kg
Water Spray Temperature	Ambient ~ 88°C (Adjustable)
Water Spray Angle	0°,30°,60°,90°
Water Spray Nozzle	Four, 30 seconds each position
Water Spray Range	30° ± 5°(Single hole); Space 100-150mm
Distance from water spraying to specimens	10~15cm
Water Pressure	8000-10000 Kpa (adjustable)
Water Flow Rate	14L-16L/min
Controller	Programmable Color LCD touch screen controller. Ethernet.
Pressure meter Alarm function	Power protection, timing (to be automatic stop), water protection, motor overheating protection, water temperature overheating automatic drainage, water function
Temperature Sensor	PTR Platinum Resistance PT100Ω/MV A-class
Heater	Nichrome heater
Interior material	SUS304 stainless steel
Exterior material	Steel Plate with protective coating
Power Supply	380V 50HZ 3Phase
Operating environment	Grading, no corrosive gas, avoid direct sunlight ; Temperature: +5~+35 C; Humidity: 45~85%RH



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Design and Construction

Test Area

- Test area is made of stainless-steel
- Enclosure to be tested is placed on turntable.
- Spraying holes: 4 holes in different angle.
- Spraying hole with angle of 0°, 30°, 60°, 90°.
- Distance from water spraying to specimens: 10~15cm
- 8000-10000kpa water pressure range



Control Panel

- Programmable color display touch screen controller
- Program: 99 groups in 99 sections
- Ethernet.
- Showing Time, Temperature, on/off switch, flow meter, pressure meter

Water Supply

- Automatic water supply, water purification system
- Build in 90L water reservoir to ensure adequate water supply



Large Viewing Window

- Interior lighting
- Window coated with conducting film to protect it from frost.



Safety Protection

- Over temperature protection,
- Water shortage protection
- Over current protection
- Earth leakage protection

Power Supply and Wiring

- 380V 50HZ
- 3Phase



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Packing and Shipping for IPX9K Chamber

- Export Standard Wooden Case
- Can be used for sea, air, railway, truck transportation.



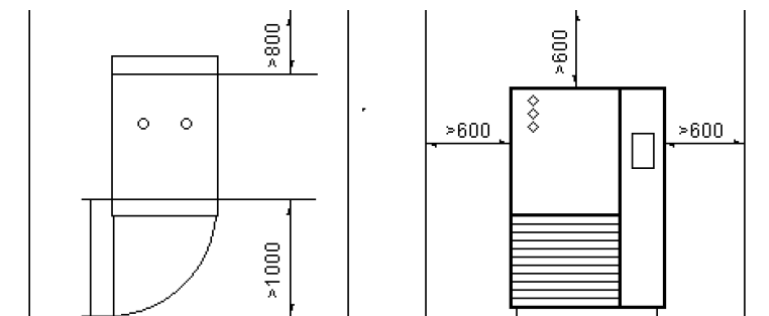
Installation for IPX9K Chamber

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.



How to install?

- For all IPX9K Chamber, our engineer will finish all installation process before the delivery. So when you receive the goods, you only need to supply the power, and use it directly.

Warranty, After-sales Services for IPX9K Chamber

Warranty

- 3 years warranty and life long free maintenance.
Within three years warranty period since the date of dispatching, If the machine rise hardware problems caused by product itself rather than human error , our company will repair it without any charge.
- 3 years later, If needs our company maintenance the machine, we will collect the basic costs of the spare parts, but service is free always.

How to Service

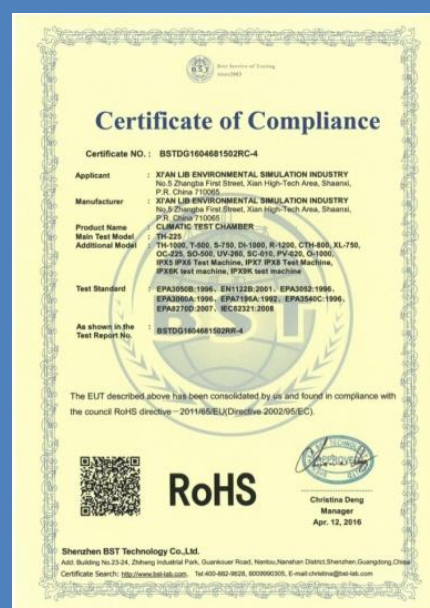
- At first, all of our devices are produced based on 20 years working lifetime, so it will not easy to break down. If any spare parts need to change in future use process, we will send it to you by express within 3 days. and teach you how to change it by video or email.
- Within 3 years, all spare parts and express costs (by DHL. TNT. Fedex) will be paid by LIB;
- After 3 years, all spare parts provided to you with costs price we got from our components supplier;
- If send our engineers to your work place, service also is free, you only need to pay the air tickets and accommodation.
- If products can't use by our engineers repair, we will produce a new device (same as old one) to your local.

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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