

□ **IPX9K High Pressure Water Spray Test Chamber**



R9K-1200

IP Rate
IPX9K

Water Spray Temperature
Ambient ~ +88°C

Water Spray Pressure
8000-10000Kpa



Automobile industry



Electronics



Military

【Technical Parameter】

Model	R9K-1200	
Internal Dimensions (mm)	1000*1200*1000	
Overall Dimensions (mm)	1250*1700*2050	
Interior Volume (L)	1200	
Parameter	Water Spray Angle	0°, 30°, 60°, 90°
	Water Spray Temperature	Ambient ~ +88°C (Adjustable)
	Spray Nozzle	Four, 30 Seconds each position
	Distance from Water Spraying to Specimens	10~15cm
	Water Pressure	8000-10000 Kpa (Adjustable)
	Water Flow Rate	14L-16L/min
	Testing Platform Speed	5±1 r.p.m
	Testing Platform Height	200-400 nm (Adjustable)
	Testing Platform Diameters	600mm
Structure	Temperature Sensor	PTR Platinum Resistance PT100Ω/MV A-class
	Heater Elements	Nichrome heater
	Controller	Programmable color LCD touch screen controller
		Ethernet connection, PC Link, USB
	Build-in Water Tank(mm)	370*375*950
	View Window Size(mm)	475*475
	Door Lock	Electromagnetic lock
	Water supply system	Storage water tank; Booster pump; Automatic water supply; Water purification system;
Safety Device	Over-temperature Protection; Over-current Protection; Water Shortage Protection; Earth leakage Protection; Phase Sequence Protection	
Material	Exterior Material	Steel Plate with protective coating
	Interior Material	SUS304 stainless steel
	Observation Window	Double layer insulating glass with wiper
Power Supply	380V 50Hz	
Maximum Noise	65 dBA	
Environmental Conditional	5°C~+35 °C 40%~85% RH	
Standard	IEC 60529; ISO20653; DIN 40050-9; USCAR-2; GMW-3191	

□ Standard & customized

*pay attention to the environmental condition during installing

□ Automatic water supply ensures adequate supply of water and automatic testing.





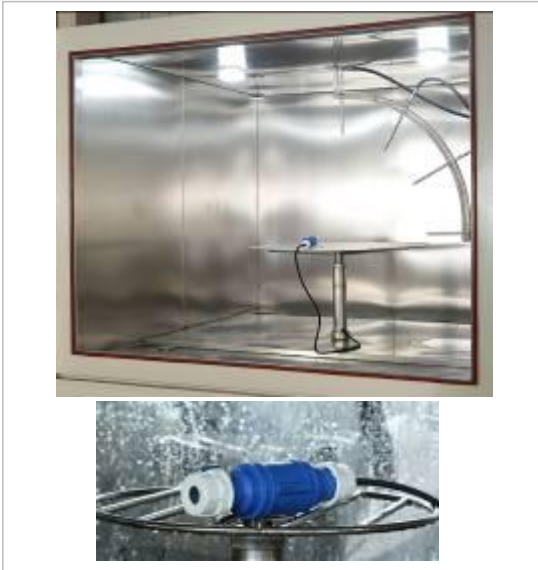
Appearance

Safety protect system

- Over Temperature Protection
- Water Shortage Protection
- Over Current Protection
- Earth Leakage Protection
- Phase Sequence Protection

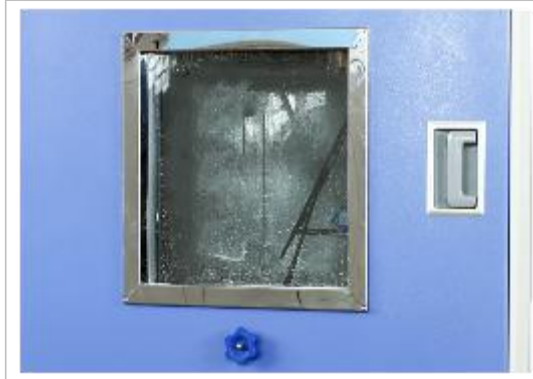
1.Workroom

The internal material is 304 stainless steel, mirror surface, rust-proof, high temperature and corrosion resistance; Nice ruggedness and long life.
The workroom is equipped with a single-phase 16A internal power interface to power up the test specimen. The power-on time and cycle can be controlled by the controller.



4.Viewing Window

Double-layer tempered glass, specially designed seal, with good impact resistance and prevention of water leakage. Equipped with manual water wiper for easy observation samples.



7.Castor

Install 4 castors for easy to move, and with brakes function. Caster height is adjustable.



8.Water Re-circulation

Water purifier: mainly purification from water source to water tank.
Water re-circulation system that reduced water use and a series of water pipes



2.Spray Nozzles

There are four nozzles, and the samples can be placed at four angles (0°, 30°, 60°, 90°) for high temperature and high pressure water jetting test.



5.Build-in Lighting

The built-in waterproof LED lighting inside the workroom makes it clear to observe the test specimen. The light can be turned on and off at the control panel button.



9.Automatic Water Inlet

Automatic control of the water intake of equipment, the customer can be directly connected to the laboratory faucet, so as to achieve automated testing;
Automatic inlet diameter 1/2 inch (13.5MM);
High and low water level alarm, water shortage lights and sound.
Standard 2 meter drain pipe.



3.Turntable

The turntable is made of 304 stainless steel, the speed and angle can be adjusted.
Sample should be firmly fixed on the turntable.



6.Controller

PID programmable color touch screen controller, network connection computer.
Can edit 100 programs 20 segment..
LIB also can preset program into the controller based on user testing requirements.
The set system language is English for standard.



10.External Materials

A3 steel plate with galvanized coating;
Electrostatic treatment; High and low temperature corrosion resistance; High hardness, anti - impact
Very high safety factor;
Color can be customized.

Reverse Osmosis Unit

Demineralized Water Device

Controller

- WiFi connection
- Mobile APP control
- Multi-language controller interface: Russian, French, Polish, Romanian, German

Install Condition

Environment Conditions
 Temperature: +5°C ~ +35°C
 Relative humidity: ≤85%;
 Pressure: 86 KPa—106 KPa

Space Conditions
 Sufficient space for ventilation

***Safety Instruction:**

1. Prohibited to test explosive, inflammable and high corrosive substance
2. Chemical exposure to the equipment is prohibited
3. Equipment must be safety on the ground to avoid electrostatic induction

Packaging



First, seal chamber with waterproof plastic film. Protect chamber from seawater corrosion.
 Second, buffer foam is placed in the four corners of the chamber. It is used for fixing equipment to prevent shaking and damaging chamber during transportation.



Plywood: standard wood export packaging. The wooden box is fixed by sheet metal to prevent damage during transportation.

Gross weight: 800kgs~
 Package size: 5.08CBM

Warranty Condition

Our company will repair the product, if the product, the material of the parts, the design and manufacturing of the products raised hardware problems caused by product itself rather than human error within three years warranty period since the date of dispatching by the customer.

Our company repairs the products, but will collect the basic costs of the spare parts after the warranty period, but service is free always.

Shipping



Material: Export standard wooden box

*Can be used for Sea, Air, Railway, Truck and multimodal transport.

Warranty & Service

- 3 Years Warranty, Lifelong Follow-up

Professional After-sales Team
 If you have any questions during operation, we will supply solution to you with 24 hours.

How to Service

1. At first, our test chambers are produced based on 20 years product lifetime.

Normally once test chambers have problems, we judge the problems, and send spare parts to our customers, and teach them how to change new parts on by email or video, all spare parts and shipping cost (by DHL, TNT, and FedEx) paid by LIB.

2. If the customer needs our engineer on-site service, they only need pay the ticket accommodation to our Engineers, service is for free.

3. If products still can't use after our engineers repair, we will produce a new test chamber (same as the old one) to our customers with no charge.

PROVIDING TEST SOLUTION, PROVIDING TEST EQUIPMENT

Xi'an LIB Environmental Simulation Industry is a lead provider of environmental test chamber in China, with its own brand (LIB) design, production, sales and service since 2009. We continually update technology and develop new products for customer's needs.

Our main products included temperature and climate test chambers, corrosion chambers, weathering testers, IP dust and rain chambers, ozone test chamber, noxious gas SO2 H2S chamber, walk-in chambers. We provide test chamber, we provide test solution. Standard and customized products to meet different customer needs.

By 2018, global market has spread to 53 countries to USA, Canada, Mexico, Brazil, Peru, Russia, German, UK, France, Finland, Netherlands, Poland, Switzerland, Thailand, Philippines, Singapore, Malaysia, Australian, South Africa etc. and the market continues to expand.

At present 7 Tier-one agents around the world provide LIB products, installation and maintenance service for customers. Make things simple and convenient.

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LIB Industry®

LIB became a registered trademark of our company since 2017 year.

PARTNER



CE ROHS

