

□ **IPX5 IPX6 Water Jetting Test Chamber**



**R56-800C**

**IP Rate**  
IPX5 IPX6

**Water Flow Rate**  
12.5L/min  $\pm 5\%$   
100L/min  $\pm 5\%$

**Water Re-circulation System**



Automobile



Electroni



Milita

## 【Technical Parameter】

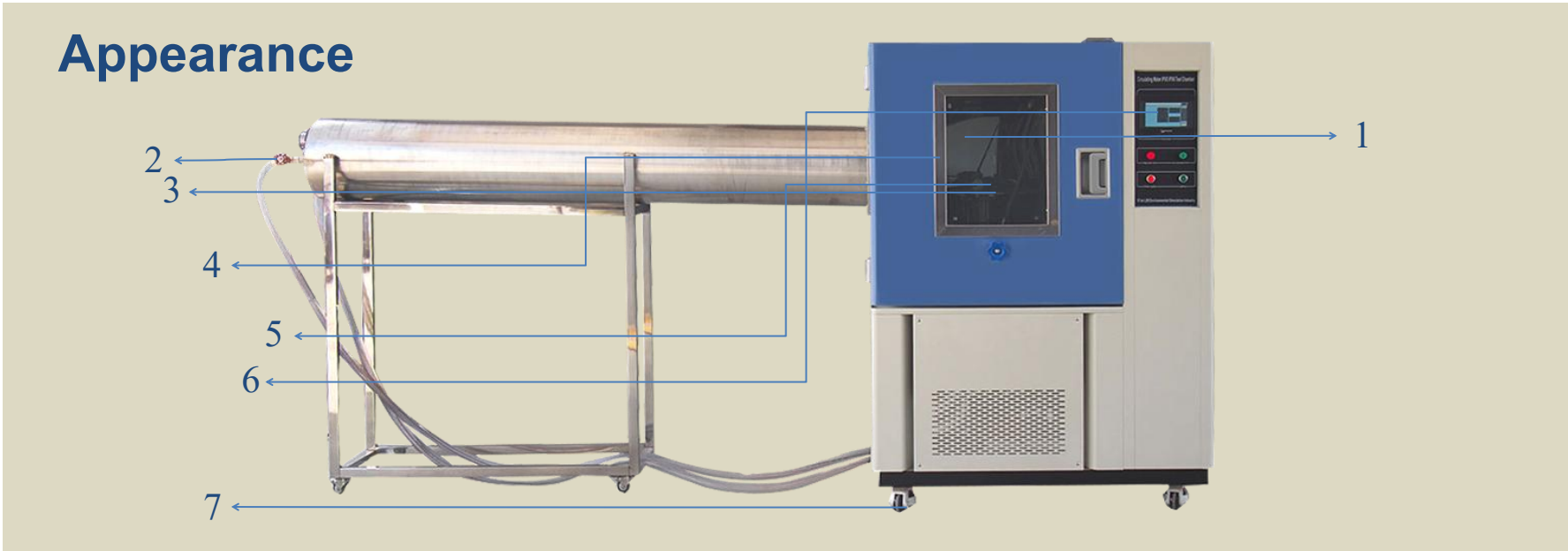
Workroom dimension (mm)		800*800*800 D*W*H
External dimension (mm)		950*3150*1800 D*W*H
Interior Volume (L)		510
Diameter of Turntable (mm)		600
Turntable loads		20kgs Max
Parameter	Turntable Rotation Speed	0~7r/min (Adjustable)
	Internal Diameter of IPX5 Nozzle	6.3mm
	Internal Diameter of IPX6 Nozzle	12.5mm
	Water Flow Rate IPX5/ IPX6	12.5L/min ±5% / 100L/min ±5%
Structure	Controller	Programmable color LCD touch screen controller
		Ethernet connection, PC Link
	Build-in Water Tank(mm)	370*375*950
	View Window Size(mm)	475*475
	Water Supply System	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℃~+35℃ ≤85% RH
Standard		IEC 60529, ISO20653

□ **Standard & customized**

\*pay attention to the environmental condition during installing

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

## Appearance



### 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.



### 2. Spray Nozzle

The test device consists of pressurized water pump, flow meter, water pipe, shunt device, spray bracket and spray nozzles.  
Water is sprayed from the nozzle, and the flow rate is controlled by electromagnetic flowmeter  
Equipped with IP5X and IP6X nozzles



### 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.



### 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.



### 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.



### 6. Controller

PID programmable color touch screen controller, network connection computer.

Can edit 120 programs 20 segment..

LIB also can preset program into the controller based on user testing requirements.

The set system language is English for standard.



### 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.



### 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, longer.



### 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

### Door Lock

- Electromagnetic Lock

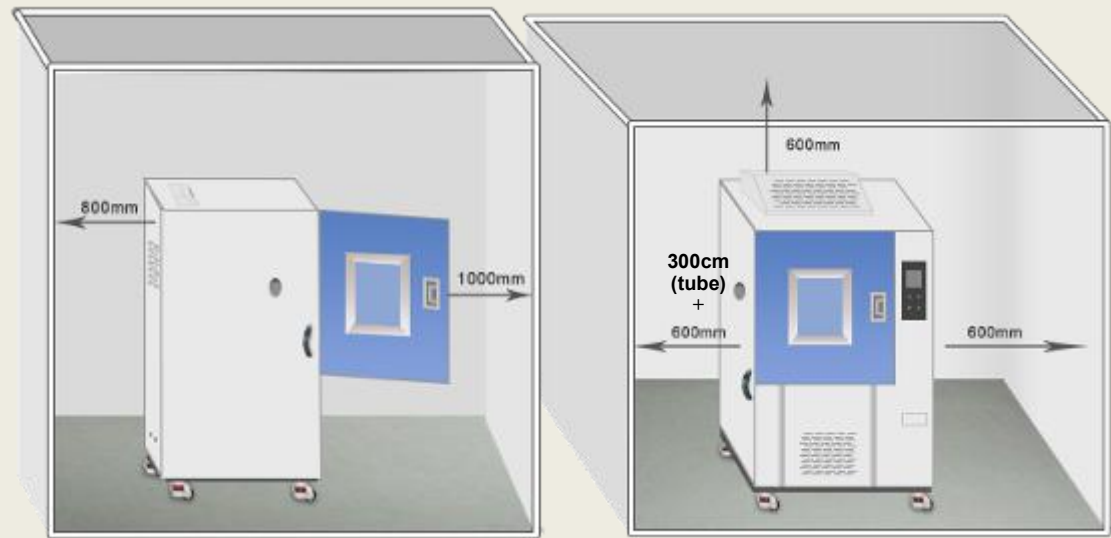
## Install Condition

### 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: 500kgs~(equipment)  
 160kgs~(tube)

Package size: 1600\*1350\*2200 mm(equipment)  
 2500\*500\*1600mm(tube)

## 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.

### Contact Us

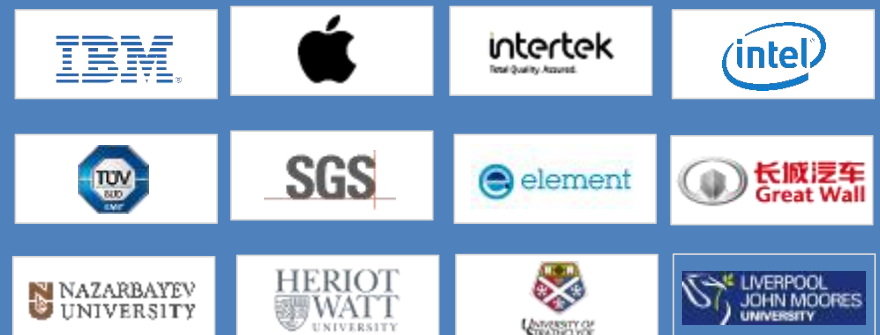
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