



XI'AN LIB ENVIRONMENTAL SIMULATION INDUSTRY

Climatic Test Chamber Manufacturer and Supplier

Drying Oven



Main Technical Parameter

Model	0-100	0-225	0-500	0-800	0-1000
Internal dimensions (mm)	400*500*500	500*600*750	700*800*900	800*1000*1000	1000*1000*1000
Overall dimensions (mm)	750*880*850	800*950*1000	1100*1100*1300	1100*1450*1400	1300*1400*1400
Temperature range	Ambient ~+250 ℃; (Ambient ~+400 ℃; Ambient ~+900 ℃)				
Temperature fluctuations	± 0.5 ℃				
Temperature deviation	± 2.0 ℃				
Heating rate	About 6 ℃ / min				
Controller	Programmable color display touch screen controller				
Temperature Sensor	PTR Platinum Resistance PT100				
Heating system	Nichrome heater				
Exterior material	Steel Plate with Protective coating				
Interior material	SUS304 stainless steel				
Timing Function	0.1~999.9 (S、M、H) settable				
Nominal power	2500W	3000W	3500W	4500W	6500W
Power Supply	AC220V 50HZ	AC220V 50HZ	AC220V 50HZ	AC220V 50HZ	AC380V 50HZ



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Design and Construction

● Test area

Material of the test cabinet is high quality SUS304 stainless steel.

Test hole, sealed with silicone screw plug.

Temperature sensor Pt100 platinum

2 pieces of adjustable and removable shelves



● Air Circulation

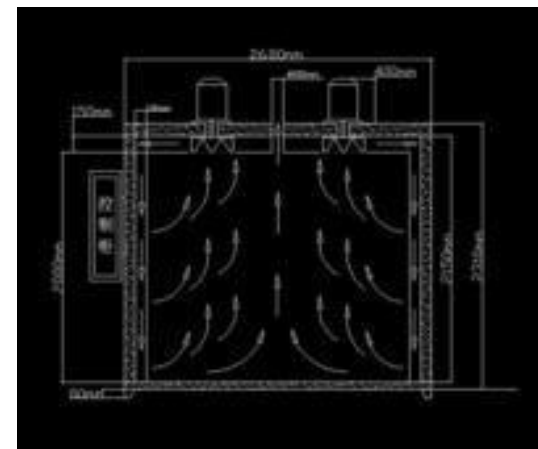
Air circulation fans in the workroom of the chamber.

The number of air circulation fans is three.

The real wall of test area with chip-type wind board, air flowing out from

top of wind board which control air direction, and return into air inlet to

achieve air circulation.



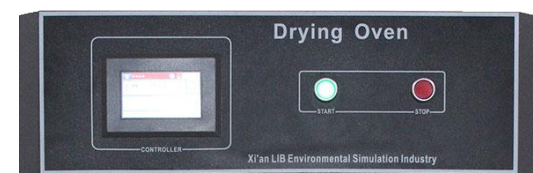
● Control Panel

PLC controller

Programmable color display touch screen controller.

Programs reach to 999 groups and 999 sections

RS-232 /RS-485 interface, PC Link, LAN network



● Safety Protection

Over temperature protection

Over current protection

Earth leakage protection

● Power supply and Wiring

220V, 50 Hz 10% +/-



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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 all test chambers.

Warranty & Service

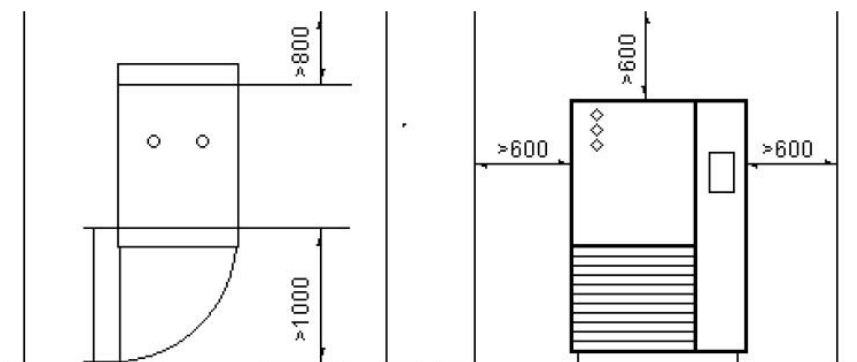
3 Years Warranty, Lifelong Follow-up Services.

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.



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.

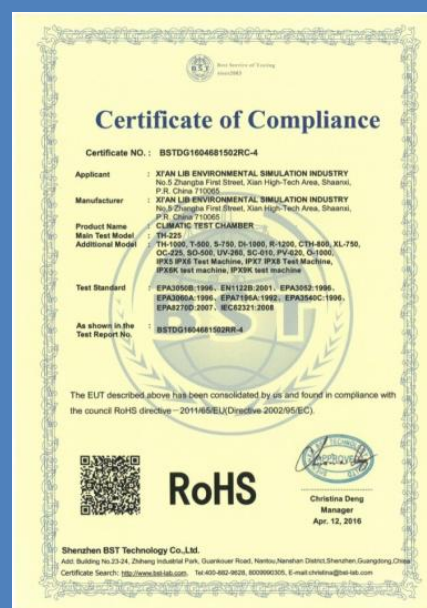
Engineers available to service machinery overseas to install and commissioning.

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 test chambers**
- **Services, Maintenance & Calibration for all kinds of environmental chambers**
- **Provide test solutions**



Xian LIB Environmental Simulation Industry

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