



XI'AN LIB ENVIRONMENTAL SIMULATION INDUSTRY

Climatic Test Chamber Manufacturer and Supplier

Salt Spray Test Chamber





Standard Features

- ◆ Material is Glass fiber reinforced plastics
- ◆ Temperature control and display Unit
- ◆ Saturated barrel temperature control and display Unit
- ◆ Spray deposition is 1~2ml / 80cm² · h
- ◆ Continuous / periodic salt spraying
- ◆ Controller with LED display, P.I.D+S.S.R. microcomputer integrated controller
- ◆ Temperature sensor PT-100 MV A-class
- ◆ Saturated barrel, 31Liter.
- ◆ Transparent lid to see its testing inside of chamber.
- ◆ Build- in salt solution reservoir
- ◆ Corrosion-resistant atomizer tower with quartz spray nozzles
- ◆ 2 fog collectors in cabinet
- ◆ 4 castors with brakes function
- ◆ Standard sample holders
- ◆ Hydrostatic hood seal
- ◆ Exhaust pipe & drain pipe
- ◆ Protection System





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Main Technical Parameter

Model	S-150	S-250	S-750	S-010	S-016	S-020
Internal dimensions (mm)	470*590*400	640*1000*500	750*1100*500	1000*1300*600	900*1600*720	1000*2000*800
Overall dimensions (mm)	620*1400*1050	810*1800*1180	920*1900*1200	1200*2200*1400	1300*2500*1600	1420*3000*1850
Temperature range	Ambient ~60℃					
Humidity range	95% ~ 98% RH					
Temperature fluctuations	+/- 0.5 ℃					
Temperature deviation:	+/- 2.0 ℃					
Test time	1~999 hours, settable					
Spray deposition	1~2ml / 80cm ² · h					
Spray type	Continuous / Periodic					
Temperature Controller	LED display, P.I.D+S.S.R. microcomputer integrated controller					
Temperature sensor	PT100Ω / MV A-class					
Salt fog collected	Fog collector and fog measure cylinder					
salt water filtration	Salt water filter near the suction tubes(Avoid the nozzle blockage)					
Salt water preheating	Saturated air barrel					
Spraying system	Atomizer tower and Spray nozzles (Fog is more fine and uniform distribution)					
Interior /Exterior material	Glass fiber reinforced plastics					
Standard configuration	Sample bracket / sample holder / spray nozzle / Fog collectors / measure cylinder					
safety device	over-temperature protection, water shortage protection, over current protection, earth leakage protection					
Sealing	Hydrostatic hood seal					
Standard	ISO 3768/3769/3770, DIN50021-75, ASTM B-117, JIS H8502, IEC 68-2-11,IEC68-2-52, MIL-STD-750, ISO 9227					
Power Supply	220V 50HZ	220V 50HZ	220V 50HZ	AC380V 50HZ	AC380V 50HZ	AC380V 50HZ



Design and Construction

Fog Chamber

- Fog chamber is made from glass fiber reinforced plastics
- Material is corrosion resistance, anti-aging, high strength.
- Hydrostatic hood seal
- Test specimen bracket / holder



Atomizer Tower and Spraying

- Corrosion-resistant atomizer tower
- Quartz spray nozzles.
- 2 fog collectors in cabinet
- Spray deposition 1~3ml/80cm²•h
- Spray type: Continuous / Periodic
- Fog is more fine and uniform distribution
- Perform a variety of salt corrosion test.



Control Panel

- Temperature control and display unit
- Saturated barrel temperature control and display Unit
- LED display, P.I.D+S.S.R. microcomputer integrated controller



Safety Protection

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

Power Supply and Wiring

- 220V 50HZ 1Phase

Option / Accessories

Name: Air compressor

- User also can purchase it in his local;





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Package

- Export Standard Wooden Box
- Can be used for Sea, Air, Railway, Truck transportation



Installation

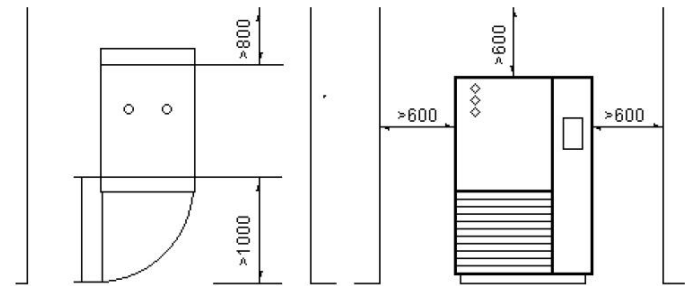
Operation manual and video available for all test chambers.

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.



Warranty & Service

3 Years Warranty, Lifelong Follow-up Services.

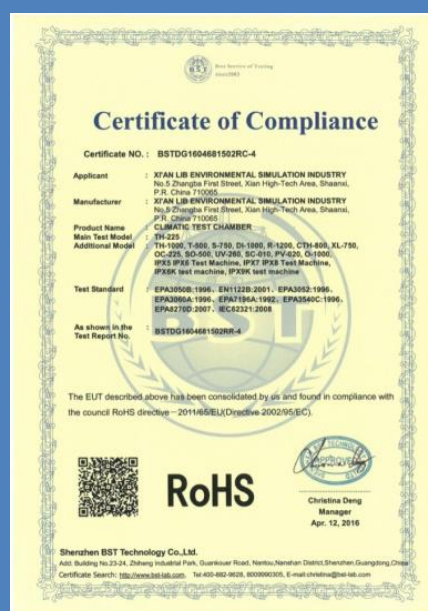
- Training how to install and operate the machine.
- Training how to maintain the machine.
- Response within 24 hours once got questions from customers.
- Send spare parts within 2 days after got notice.
- Engineers available to service machinery overseas to install and commissioning.

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



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