

Constant temperature and humidity chamber

Product introduction:

- 1, The test machine is mainly used in testing the adaptability of electronics, electrical appliances, food, automobile, rubber and plastic, metal and other products, parts and materials in the high and low temperature alternating hot and humid environment when storage, transport and using;
- 2, It is an reliable test equipment for all kinds of electronic, electrical, electronics, plastics raw materials and devices to do testing such as cold, heat, moisture, resistance to dry and the quality control;
- 3, It is suitable for optical fiber, LCD, crystal, inductor, PCB, batteries, computers, mobile phones, rubber, plastics and other product.
- 4, It has the features of newly perfect design, appearance of high texture level and the essence of design and manufacture adopt advanced technology.
- 5, Balanced temperature humidity control system (BTHC), to PID mode control SSR, so that heated humidification system was equal to heat loss capacity, it could be used long-term stability;
- 6, All-capillary, automatic load capacity adjustment system technology, more expansion valve system more stable and reliable, precise temperature and humidity control, heating and cooling rate of rapid, steady, uniform, saving valuable time for users.

Main parameters

Model		408L	800L	1000L
Internal dimension(W*D*H)		600*800*850mm	1000*800*1000mm	1000*1000*1000mm
External dimension (SUS type) (W*D*H)		1100*1370*1750mm	1500*1180*1900mm	1500*1380*1900mm
Performance	Temp. & Humid. Adjust way	Balanced temperature humidity control system(BTHC)		
	Temp. range	0; -20; -40; -70~ +150		
	Temp. tolerance	±0.01		
	Temp. uniformity	±0.5~±0.2		
	Heating speed	3°C/min in average		
	Cooling Speed	1°C/min in average		
	Humid. range	20%~98%RH		
	Humid. tolerance	±1%RH		
	Humid. uniformity	±3%RH		
	Internal chamber material	Stainless steel 304		
External chamber material	Stainless steel / paint spray			
Regulator	Cooling method	Single-stage compression, binary refrigeration		
	Refrigerator	All closed Tecumseh of France compressor		

	Cooling method	Air-cooled
Controller	Operation panel	Programmable LCD touch screen
	Running mode	Constant running, program running
	Program memory capacity	120 group programmable, max 100 section each
	Output	RS-232
Water supply	Water supply	Circulating water
	Water tank capacity	Chamber internal capacity < 800L: 25L x 1pc Chamber internal capacity > 800L: 25L x 2pcs

Specification notes:

- Please submit a performance evaluation request to ensure selection of the correct model for your test requirement.
- Cooling water requirements listed are maximum. Actual water demand varies with cooling demand and water temperature. Detailed cooling water demand charts are available.
- Site requirements also include a drain for condensate water from the chamber, and ample spacing for service and proper ventilation.
- These specifications are for reference only. Detailed and current specifications can be obtained from your sales representative or.

Note:

These specifications are for reference only.

A customized performance evaluation can be provided by supplying a test profile and loading requirements to your sales representative.

Advantages At A Glance:

1. Remote data and programming

Free App, Chamber management is always possible through few, simple steps, whether inside the test Lab or anywhere else.

2. Low temperature and high humidity series, Long time continuous running is possible.

Latest electronic sensors with DETECT's unique system, no need to replace the gauze, totally no problem to run a year non-stop with - 20 °C ~ 80 °C, 50% RH to 98% which is superior than most of market similar products.

More stable: Cryogenic test can be stable 5 ~ 8 days, only 24 hours if use market similar products.

3. Design for safety operation

We have more than 10 kinds of protection parts for safety operation.

Protection for leakage

Over-temperature

Compressor overvoltage and overload

Heater short circuit

Water shortage ,etc.

4. A wide range of accessories and options

We know what is important in laboratory practice and fulfill our customer's requirements with excellent products and sophisticated equipment features. Thanks to a wide range of accessories and options, our series production products can be set up in a more specific way for all standard applications and to meet our customers' various and stringent specifications.