Environmental Testing Equipment Temperature Humidity Test Chamber / Incubator

- **Product Details:**
- Place of Origin: **China**
- Brand Name: **YUYANG**
- Certification: **IEC6008-2-1 IEC68-2-3 IEC6008-2-30**
- Model Number: **YY1021**

- **Payment & Shipping Terms:**
- Minimum Order Quantity: **1 set**
- Price: **Negotiation**
- Packaging Details: **Plywood Box**
- Delivery Time: **15-20 work days**
- Payment Terms: **T/T L/C Western Union**
- Supply Ability: **1 sets per month**

P.I.D. Control Temperature Humidity Test Chamber Incubator With CE Certification

Applications:

Temperature and Humidity Test Chamber is also named environmental test chamber, climatic test chamber, can be applied to test the properties of heat-resistance, cold-resistance, dry-resistance and humidity resistance of materials. It 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 and humid environment when storage, transport and using.

Main technical parameters:

Capacity	80L	100L	150L	225L	408L	800L	1000L
Interior Dimension (W×D×H)MM	400*400* 500	500*400* 500	500*500* 600	600*500* 750	800*600* 850	1000*800* 1000	1000*1000 * 1000
Exterior Dimension (W×D×H)MM	1000*870 * 1700	1050*870 * 1750	1050*970 * 1750	1150*970 * 1900	1350*1150 * 1950	1450*1300 * 2100	1470*1400 * 2100
Temperature Range	0℃~150℃; -20℃~150℃; -40℃~150℃; -60℃~150℃;						
Humidity Range	20%~98%RH						
Temperature Volatility	± 0.5 ℃						
Temperature Uniformity	±1.5℃						
Humidity Volatility	±1.0%RH						

Humidity Uniformity	± 2.0% RH
Humidity Area	Notes: Environment temperature:+25℃; R.H.≤85% This two values measured under the condition of no test sample in the chamber
Heating/Cooling rate	3℃/min (Room temperature to high temperature 150℃); 1℃/min (room temperature to minimum temperature).
Control Mode	Balanced temperature & humidity control mode, PID programmable adjustable.
Communication port	RS232 print interface.
Refrigeration system	Fully enclosed Tecumseh compressor France original, environmentally friendly refrigerant gas R404A.
Programmable Mode	Has adopted Korean TEMI850 controller English display, 120 program x 100 step and 100hours/step setting capacity (each step means specific temperature, humidity and test time), 999 cycles circulation setting, and enclose multiple sets of PID control function.
Controller Resolution	0.01℃, 0.01RH
Exterior Material	SUS#304 stainless steel material
Interior Material	1.2mm thickness SUS#304 stainless steel, rigid polyurethane foam+efficient ultra-fine glass cotton insulation materials.
Related Standard	1. IEC6008-2-1-2007 Electronic Electrician Product Environmental Test Part 2: test methods --Test Method A: low temperature. 2. IEC68-2-3 Ca test: constant humidity and heat test method. 3. IEC6008-2-30:2005 Db test: humid heat alternation method.
Air Circulation System	Inner air circulation fan, wind channel and stainless steel cycle fan, through the top window and air diffuser, the wind will out uniformly from the top, which could reach the purpose of control temperature uniformly.
Heating System	Adopt heating pipe P.I.D. control the heating so keep temperature balance.
Humidification & Dehumidification System	Adopt outside water circulation humidification, and compressor is used for dehumidification, P.I.D. control the volume of humidification.

Safety Devices	Water level protection, water shutdown protection, over-temperature protection, high-pressure compressor protection, compressor thermal protection, compressor overload protection, fast fuse, buzzer alarm, overload protection.
Door of Chamber	Single open door, anti-explosion, anti-condensation electric heating device, vacuum auto-defog transparent window, window internal bulb.
Test Lead Hole	Φ50mm, enclosed with relative temperature preservation and heat insulation parts.
Power	AC220V±10%, 50/60HZ 3 phase (80L, 100L, 150L); AC380V±10%, 50/60HZ, 3 phase(225L, 408L, 800L, 1000L)
The third Party Certificate	Certified by ISO9001 quality control system and CE requirement