

Temperature and Humidity Tester / Climatic Chamber

Description

Supply a large range of standard and custom temperature and humidity test chambers to suit many types of environmental test conditions. Our climate and humidity test chambers are available in a variety of sizes and configurations, including benchtops, floor type and walk-in.



Feature

- Wide temperature ranges and volume selection
- Reliable performance
- Temperature control and display unit
- Humidity control and display unit
- Programmable color LCD touch screen controller
- Multi-language interface
- USB and Ethernet
- Casters, shelf, and cable port are standard
- Adjustable and removable sample shelves
- Safety protection system

Model	THC-100 A/B	THC-150 A/B	THC-250 A/B	THC-500 A/B	THC-800 A/B
Capacity	100L	150L	250L	500L	800L
Temp Range	A: -20-150°C ; B: -40-150°C				
Humidity Range	30% - 98% RH				
Temp Fluctuation	-/+ 0,5°C				
Temp Deviation	-/+ 2°C				
Humidity Deviation	-/+ 3% RH				
Heating Rate	1-3°C/Min				
Cooling Rate	0,7-1°C/Min				
Controller	7Inch High Definition True Color LCD Touch Screen				
Accuracy Range	Temperature : 0,1°C ; Humidity : 1%RH ;				
Heating System	Nichrome Electric Heating Type				
Humidification System	External Isolation Type, All Stainless Steel Shallow Surface Evaporative Humidifier				
DeHumidification System	Evaporator Coil Dew Point Temperature Laminar Flow Contact Dehumidification Method				
Water Supply System	Automatically Controlled. The Residual Water Can Be Recycled. Save Water and Reduce Consumption				
Refrigeration System	Air Cooled Compressor System				
Circulation System	Temperature Resistant and Low Noise Air Conditioning Type Motor. Multi Lobe Centrifugal Wind Turbine				
Timer	0-9999 min				
Inner Material	Mirror Stainless Steel 304				
External Material	Carbon Steel Plate + Phosphating Electrostatic Spray				
Insulation Material	Polyurethane Rigid Foam				
Door Frame Insulation	Double Layer High & Low Temperature Resistant Aging Silicone Rubber Door Seal				
Safety Protection	Leakage, Short Circuit, Over Temperature, Water Sortage, Motor Overheating, Compressor Over Pressure, Overload, Over Current Protection / Controller Power Failure				
Voltage	380V/50Hz				
Inner dimension (W x D x H) mm	500x 400 x 500	500 x 500 x 600	600 x 550 x 750	800 x 800 x 800	1000 x 1000 x 1000
Outside dimension (W x D x H) mm	700 x 1320 x 1620	700 x 1480 x 1720	800 x 1480 x 1850	1000 x 1450 x 1780	1200 x 1780 x 2110