



Temperature test chamber (CE , ISO standards)



Applications
● Quality testing Laboratory
● University Laboratory
● Research Laboratory
● Components factories
Functions
● Simulate the temperature environment
● Simulate the humidity environment
● Temperature & Humidity test cycle
● Programmable controlling
● PC connection

Strengths
● High quality famous components, assure the reliability performance
● Touch screen input, control easily and conveniently

GDW series (Just temperature test)

Model	GDW-50A/B	GDW-100A/B	GDW-250A/B
Internal size(W×D×H)	350×360×400mm	450×450×500mm	520×600×800mm
Capacity	50 L	100 L	250 L

Model	GDW-500A/B	GDW-1000A/B
Internal size(W×D×H)	800×700×900mm	1000×1000×1000mm
Capacity	500 L	1000 L

Common Specifications	
Temperature range	A: -20°C ~ +150°C B: -40°C ~ +150°C
Temperature fluctuation	±0.5°C
Temperature uniformity	±2.0°C
Heating rate	3.0°C/min
Cooling rate	0.7~1°C/min
Cooling way	Air cooling
Compressor	Tecumseh
Refrigerant	R404A
Fan	Wheel shaft fan
Heater	Nichrome heater



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Temperature sensor	PT100
Internal materials	SUS304 stainless steel
External materials	Cold rolled steel plate with electrostatic powder spraying
Insulating materials	PURF
Observation window	Double-layer tempered glass with lamp
Test shelf	Stainless shelf with 2 pcs
Test hole	Stainless material with 1 pc, diameter is 50mm
Controller	PLC controller / touch screen input
Controller size	5.7 inch
Controller resolution	Temperature value: 0.01°C Humidity value: 0.01%R.H Time value: 0.1min
Program setting	120 groups programs 1200 sections for every programs Max setting time: 999h59min Max cycle times: 999 times
PC communication	RS232 port / USB port(Optional)
Protection function	Over-load, Over-heat, Over-pressure, Over-current, Short-circuit
Power supply standard	According to the customers' requirements

GDWS series (Temperature & Humidity test)

Model	GDWS-50A/B	GDWS-100A/B	GDWS-250A/B
Internal size(W×D×H)	350×360×400mm	450×450×500mm	520×600×800mm
Capacity	50 L	100 L	250 L

Model	GDW-500A/B	GDW-1000A/B
Internal size(W×D×H)	800×700×900mm	1000×1000×1000mm
Capacity	500 L	1000 L

Common humidity functions (Others common specifications are the same as GDW series)

Humidity range	20% ~ 98%R.H
Humidity fluctuation	±2.0%R.H
Humidity uniformity	±2.0%R.H
Humidity sensor	Dry and wet bulb sensor
Water supply	Purified water (resistance >500Ω)
Water tanker	Built-in water storage tank