



## Constant climate test chamber (CE , ISO standards)



### Applications

- Quality testing Laboratory
- University Laboratory
- Research Laboratory
- Components factories

### Functions

- Simulate the temperature environment
- Simulate the humidity environment
- Program controller

### Strengths

- 0°C low temperature test point
- High quality famous components, assure the reliability performance
- Program controller, 30 pcs programs

### HS series constant climate test chamber

Model	HS-100L	HS-225L
Internal size(W×D×H)	450×450×500mm	500×600×750mm
Capacity	100 L	225 L

Model	HS-500L	HS-800L
Internal size(W×D×H)	800×700×900mm	800×1000×1000mm
Capacity	500 L	800 L

### Eco series economic constant temperature & humidity test chamber



Model	Eco-150	Eco-250
Internal size(W×D×H)	500×370×800mm	550×445×1100mm
Capacity	148 L	269 L



## Common Specifications

Temperature range	0°C ~ +100°C
Temperature fluctuation	±0.5°C
Temperature uniformity	±2.0°C
Heating rate	3~4°C/min
Cooling rate	1~2°C/min
Humidity range	55% ~ 95% RH
Humidity fluctuation	±2.0%RH
Compressor	Closed compressor
Refrigerant	R404A
Fan	Wheel shaft fan
Heater	Nichrome heater
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 3 pcs
Test hole	Stainless material with 1 pc, diameter is 50mm
Wheels	4 pcs movement wheels
Controller	Program controller / total 30 pcs programs
Protection function	Over-load, Over-heat, Over-pressure, Over-current, Short-circuit
Power supply standard	According to the customers' requirements

If you need the technical support, please contact: [support@tri-tronixs.com](mailto:support@tri-tronixs.com)