

# Temperature / Humidity / Vibration Three Integrated Chamber

## Summary

Temperature/Humidity/Vibration combined testing chamber complies complex testing requirement for temperature, humidity and vibration.

## Characteristic:

Testing chamber combined perfectly in one part with refrigerant system. Separate control system, easy operation. Compressor system and main components are all imported world top brand. professional designed touch screen controller, with RS485 port and auto-control temperature and humidity program. Vibration systems are optional according to customer requirement. Professional vibration system installation ensure high isolation of air and temperature, as well as high transmission of mechanical property



## Testing Standards:

GB/2423. 10-1995 Sine Vibration test method  
 GB2323.2-1989 High temperature testing method  
 GB/T2423.4-1993 Damp/Hot alternative testing method  
 GB/2433. 1-1999 Low temperature testing method  
 GB10589 Damp/hot testing conditions  
 GB/10592 High/Low Temperature/Humidity Testing Condition

## Specifications

Model		THV-408L	THV-1000
(W*H*D) cm		60*85*80	100*100*100
Internal volume (L)		408	1000
Power		AC 380V/50Hz AC 3ψ5W 380V/50Hz	
Temperature regulating methods		+5°C~+35°C	
Performance	Temp. range	-70°C ~ +150°C	
	Temp. fluctuation	≤0.5°C	
	Temp. uniformity	±2.0°C	
	Humidity range	2.0%RH ~ 98%RH	
	Humidity fluctuation	±2.5%RH	
	Temp. deviation	≤75%RHJ, ±3.0%RH; >75%RHJ, ±5.0%RH	
	Temp. Change Rate	≤5 °C/Min or ≤10 °C/Min (-55°C ~ +80°C)	
Material Science	Interior material	Stainless Steel SUS 304	
	Exterior material	Rust proof cool rolled steel plate with surface coating	
	Insulation material	Hard PUR foam plastic	
Refrigeration system	Refrigerator	Semi-hermetic compressor	
	Cooling Mode	Water Cooled	
Heater		Quality nickel-chromium alloy heaters	
Blower		Centrifugal blower	
Door window		470mm*350mm electric film painted hollow glasses	
Temp sensor		Pt-100 Platinum resistance sensor	
Controller		Touch Screen Programmable Controller	
Vibration table		Optional according to customer's Requirement	
Safety device		Over Temperature Protection, Compressor Lack of oil, over pressure, cut-current, overload protection, lack of water protection, ventilator overload protection	
Standard configuration		Observation window, testing hole, sample shelf, temperature resistance light	
Select accessories		Specialized Testing Hole, Specialized sample shelf, extra sample holder	