

Hoyamo

Temperature and humidity vibration test chamber HTC-416V



Description:

The three comprehensive test box is an instrument that simulates high temperature, low temperature, high and low temperature cycles, constant damp heat and alternating damp heat tests. At the same time, it can realize the comprehensive test of temperature, humidity and vibration after being matched with the shaking table.

Generally applicable to aerospace, aviation, petroleum, chemical, electronics, communication and other scientific research and production units to test the adaptability of products and materials to temperature, humidity and vibration compound environment changes during transportation and actual use, exposing product defects, and it is a new product. It is an indispensable important test method in the whole process of development, prototype test, and product qualification test.

Feature:

One machine with multiple functions, combined with temperature, humidity and vibration, making the test more convenient;

Independent technology, large touch controller, can be connected to the network for remote monitoring;

High-end quality, the test box adopts imported brand accessories to ensure the overall performance of the equipment;

The temperature is uniformly controlled, and the air volume and speed are automatically adjusted and adjusted and processed by the temperature controller technology to achieve linear temperature control;

High intelligence, support computer connection, USB data storage, curve export and other functions.

Specification :

Model	HTHC-416	HTHC-1000
Inner dimension (W xH x D)cm	70x85x70	100x100x100
Outer dimension (W xH x D)cm	The external dimensions and the dimensions of the vibrating table are customized according to actual needs	
temperature range	Low temperature: -70°C, -40°C, -20°C, 0°C, normal temperature; high temperature: + 100°C, +150°C)	
scope	20%~98%R.H or 10%~98%R.H non-standard custom test conditions	
Temperature and humidity stability	±0.5°C, ±2%	
Synchronization of temperature and humidity	±1°C, ±2%	
Temperature error deviation	≤±2°C, ±3%R.H	
Setting time	Heat up about 4°C/min	
New time	Cooling down about 1°C/min (non-standard customization is possible: rapid temperature change 5°C~25°C/min, linear and non-linear adjustable)	
Inner box theme	SUS#304 stainless steel plate	
Outer box theme	Cold rolled steel plate powder baking paint	
Ingredients	Glass wool, foamed polyurethane	
Cooling System	France (Taikang) fully enclosed compressor unit or Germany (Bitzer) semi-enclosed high-efficiency compressor	
Cooling method	Air-cooled or water-cooled	
Refrigerant	Single-stage one-stage R-404A, cascade two-stage R-23	
Heating and humidifying system	Stainless steel finned heating tube heating air method;	
protective device	Stainless steel sheathed electric steam generation method (features: excellent sealing, effectively preventing steam loss)	