

Walk-in Test Chamber

KASONTTEST®



Applicable Industry:

Walk in Temperature Humidity Climatic Stability Chamber used in defense industry, aerospace industry, automation components, automotive parts, electrical and electronic parts, plastics, chemical, pharmaceutical industries and related products.

Equipment summary:

Walk in Temperature Humidity Climatic Stability Chamber is consist of Control Panel, electrical panels, moisturizing plate blower, heater, humidifier, freezer. It provides a large spare to test the temperature and humidity for large-scale parts, semi-finished products, it applied to test products that large-scale or the quantity more, such as: computer terminals, vehicle parts.

Features:

1. Walk in Temperature Humidity Climatic Stability Chamber has a very wide range of controlling the temperature and humidity that can fulfill user's needs. It is stable, balanced heating and humidification performance, , it also can be high accuracy and high stability for temperature and humidity control performance.
2. Walk in Temperature Humidity Climatic Stability Chamber is equipped with high-precision intelligent thermostat, controller of temperature and humidity using touch-screen display. Optional equipped with temperature and humidity records.
3. Refrigeration circuit of Walk in Temperature Humidity Climatic Stability Chamber automatically select to operate performance of refrigeration circuits, so that it starts cooling at high-temperature state.
4. Door of Walk in Temperature Humidity Climatic Stability Chamber with large viewing window for observation of the testing sample.
5. Walk in Temperature Humidity Climatic Stability Chamber is equipped with advanced security, protective device leak circuit breakers, over-temperature protective device, lack phase protective devices and lack water protector.

Corresponding standard:

1. GB11158 Technical conditions for high-temperature testing room
2. GB10589-89 Technical conditions for low-temperature testing room
3. GB/T10586-89 technical conditions for humidity testing room
4. GB/T2423.1-2001 testing methods for low-temperature
5. GB/T2423.2-2001 testing methods for high-temperature
6. GB/T2423.3-93 technical conditions for humidity testing room
7. GB/T2423.4-93 testing method for alternating hot and humid
8. IEC60068-2-1.1990 testing methods for low-temperature
9. IEC60068-2-2.1974 testing methods for high-temperature
10. GJB150.3 High-temperature test
11. GJB150.4 Low-temperature test
12. GJB150.9 muggy test
13. GB/T2423.22 temperature test

Main technical specifications

Model	KASON-4003A
Size (cm)	According to customer specified size for design
Temperature range	-65℃~+80℃ (A:0℃ B:-20℃ C:-40℃ D:-65℃)

Humidity range	20%~95%R.H.
Accuracy/uniformity	±0.1℃;±0.1%R.H./±1.5℃;±5.0%R.H.
Accuracy/volatility	±1.0℃;±2.0%R.H./±0.5℃;±3.0%R.H.
Cooling time	About 4.0℃/minute;about 0.7℃~1.0℃/minute
Inside material	stainless steel
Insulation material	High-temperature high-density amino acid ethyl ester foam insulation materials,
Cooling sytem	Water-cooled / two-stage compressor
Protection	No fuse switch, compressor overload switch, high and low pressure protective switch, over-humidity-temperature protective switches, fuses, warning system
Accessories	recorder(option),view window,50mm testing hole,PL lamp,clapboard,Dry and wet gauze ball
Controller	Korea "TEMI" or Japan"OYO"brand option
Compressor	France's "Tecumseh" Brand
Power	1Φ 220VAC±10% 50/60Hz & 3Φ 380VAC±10% 50/60Hz

FOCUS IN MATERIAL TEST

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