
HannYa mini climate change temperature chamber environmental chamber (HY-2225)



A temperature humidity test chamber is commonly used to simulate different environmental conditions and test the physical and other relevant characteristics of products to determine their performance. By subjecting the products to low and high temperatures, humidity, and temperature cycling conditions, the test chamber can simulate various environmental conditions that the products may encounter during their use.

The testing process helps to identify any weaknesses or defects in the product design or manufacturing process and to improve or modify the product to meet the predetermined requirements. The results of the testing can also be used for factory inspection purposes to ensure that the products meet the necessary quality standards. In addition, the temperature humidity test chamber can be used to evaluate the reliability and durability of products in harsh environmental conditions, such as extreme temperatures and humidity, which is especially important in industries such as aerospace, electronics, and automotive.



Specification

Model	HY-280	HY-2150	HY-2225	HY-2408	HY-2800
Inner Size W×H×D(cm)	40×50×40	50×60×50	50×75×60	60×85×80	100×100×80
Outside Size W×H×D(cm)	93×155×95	100×148×106	117×166×91	140×176×101	170×186×111
Volume (V)	80 L	150L	225L	408L	800L
Temp and Hum Range	A: -20°C~150°C B: -40°C~150°C C: -60°C~150°C D: -70°C~150°C RH20%-98%				
Function	Fluctuation	±0.5°C ±2.5%RH			
	Deviation	±0.5°C±2°C ±3%RH(>75%RH); ±5%RH(≤75%RH)			
	Controller				
	Analytical Accuracy	±0.3°C ±2.5%RH			
Material	Inner Wall	#SUS 304 Stainless steel			
	Outer Skin	#SUS 304 Stainless steel			
	Heat	High temperature resistant,			
	Preservation	high chlorine acid b vinegar foam insulation materials			
Wind Cycling Way	Centrifugal fan-broadband type forced air circulation				
Refrigeration Way	Single stage compression refrigeration				
Refrigerator	French Tecumseh				
Refrigerants	R404A USA DuPont environmental protection refrigerant(R23+R404)				
Condensing Way	Air-cooled or water-cooled				
Heater	Nickel chrome heating wire heater				
Humidifier	Semi-closed steam and wet				
Water Supplying Way	Automatic cycling water supply				
Standard Accessories	1 Observe window(double-deck cavity toughened glass), 1 50mm test hole in the left, 1 PL inner chamber lamp, 2 clapboards, 1 bag of wet and dry bulb, 3 fuses, 1 power line.				

Safety device	Non- fuse-switch(compressor overload, refrigerant high low voltage, over-humidity and temperature protection, Protection switch,fuse stoppage warning system
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