

Constant Temperature and Humidity Test Chamber-KMH

Product Features

The box body is processed by CNC machine tools, with beautiful and elegant shape, and adopts non-reaction handles for easy operation;
The inner shell of the chamber is made of stainless steel, and the outer shell of the box is made of A3 steel plate sprayed with plastic, which increases the appearance texture and cleanliness;
The large observation window with lighting keeps the chamber bright, and the embedded tempered glass in the heating body is used to clearly observe the situation inside the box at any time;
There is a test hole with a diameter of 50mm on each side of the box, which can be used for external test power and signal lines at the same time to prevent mutual interference.

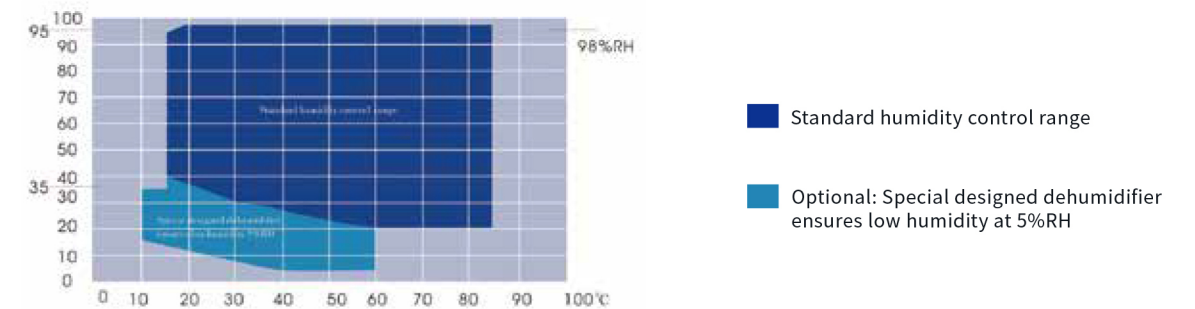


Product Overview

It is suitable for the adaptability test of electrical, electronic, instrumentation and other products, parts and materials during storage, transportation and use in high temperature environment. It is a reliability test equipment for various electronic, electrical, electrical, plastic raw materials and other materials during heat resistance, moisture resistance, dryness resistance test and quality control engineering.

Humidity control range

At +20 °C ambient temperature or +25 °C water temperature and no load



Recorder



Inner glass door



Dehumidifier



Reverse osmosis water purifier

Optional accessories

- Cable port
- Shelves
- Ro water purifier:80/Ro-type water purifier(R-80)
- Dehumidifier
- Temperature and humidity recorder
- Defrosting circuit
- Liquid or infection

Model		KMH					KMH											
		64R	150R	225R	408R	1000R	64L	150L	225L	408L	1000L	64S	150S	225S	408S	1000S		
Interior size (mm)	W	400	600	700	700	1000	400	600	700	700	1000	400	600	700	700	1000		
	H	400	600	700	750	1000	400	600	700	750	1000	400	600	700	750	1000		
	D	400	460	480	800	1000	400	460	480	800	1000	400	460	480	800	1000		
Exterior size(mm)	W	700	800	900	900	1200	700	800	900	900	1200	700	800	900	900	1200		
	H	1652	1715	1663	1715	1860	1652	1715	1663	1715	1860	1652	1715	1663	1715	1860		
	D	1170	1230	1470	1790	1725	1170	1230	1470	1790	1725	1170	1230	1470	1790	1725		
Floorspace(m2)		0.82	0.98	1.3	1.6	2.07	0.82	0.98	1.3	1.6	2.07	0.82	0.98	1.3	1.6	2.07		
Temperature range		-20℃ to +180℃					-40℃ to +180℃					-70℃ to +180℃						
Humidity range		20 to 98%R.H					20 to 98%R.H											
Temperature fluctuation		±0.5℃					±0.5℃											
Humidity fluctuation		±2.0%R.H					±2.0%R.H											
Temperature uniformity		≤2.0℃					≤2.0℃											
Humidity uniformity		3.0%R.H					3.0%R.H											
Heating rate		-20℃ to+100℃， Average 3℃/min (No specified)					-40℃ to+100℃， Average 3℃/min (No specified)					-70℃ to +100℃， Average 3℃/min (No specified)						
Cooling rate		+20℃ to -20℃， Average 1℃/min (No specified)					+20℃ to -40℃ ， Average 1℃/min (No specified)					+20℃ to -70℃ ， Average 1℃/min (No specified)						
Inner chamber material		SUS304 stainless steel plate, the inner tank is fully welded					SUS304 stainless steel plate, the inner tank is fully welded											
Outer chamber material		high quality cold rolled steel plate, surface electrostatic powder coating					high quality cold rolled steel plate, surface electrostatic powder coating											
Insulation material		Rigid polyurethane foam insulation layer, flame retardant grade B2					Rigid polyurethane foam insulation layer, flame retardant grade B2											
Refrigeration system		Air cooling and water cooling for selection					Air cooling and water cooling for selection											
		Single-stage, fully enclosed compressor, environmentally friendly refrigerant					Single-stage, fully enclosed compressor, environmentally friendly refrigerant					HFC-R404A/HFC-23: Cascade, fully enclosed compressor (HFC-R404A/HFC-23						
Controller		Komeg 7-inch color touch screen intelligent controller *Operating system: Komeg KM-5166 cold output version					KOME G 7-inch color touch screen intelligent controller *Operating system: KOME G KM-5166 cold output version											
Protection device		over-temperature protection, compressor overload and overheating, high-voltage protection, motor over-current protection, over-temperature protection relay, fan overload protection, fuse, dry-burning protector, water shortage protector, alarm action					over-temperature protection, compressor overload and overheating, high-voltage protection, motor over-current protection, over-temperature protection relay, fan overload protection, fuse, dry-burning protector, water shortage protector, alarm action											
Standard accessories		1 window light, 4 mobile casters (with foot cups), 2 units of 50mm lead holes (with silicone plugs), 2 layers of sample racks, 1 set of lighting, 5 meters of power cord					1 window light, 4 mobile casters (with foot cups), 2 units of 50mm lead holes (with silicone plugs), 2 layers of sample racks, 1 set of lighting, 5 meters of power cord											
Operating ambient temperature		+5℃ to +35℃					+5℃ to +35℃											
Equipment power		3.5KW	5KW	5KW	6KW	6KW	10KW	3.5KW	5KW	6KW	7.5KW	7.5KW	13KW	6KW	6.5KW	8KW	9KW	16KW
Power supply		AC 380V ±10% 50Hz three-phase four-wire + ground wire / single-phase AC 220V ±10% 50Hz (optional)					AC 380V ±10% 50Hz three-phase four-wire + ground wire / single-phase AC 220V ±10% 50Hz (optional)											

*Note: Each parameter, size and appearance are tailored according to customer requirements.
We reserve the right to modify technical parameters.