



Note :
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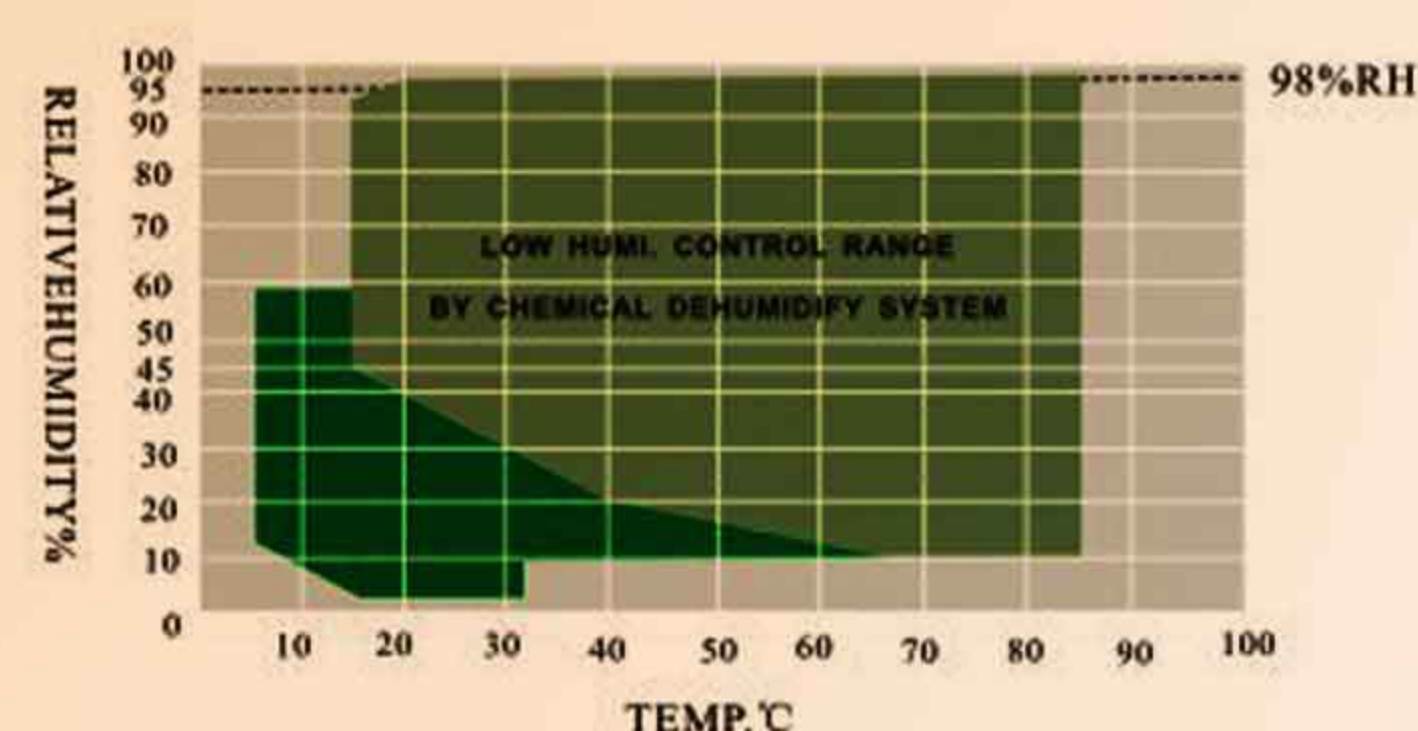
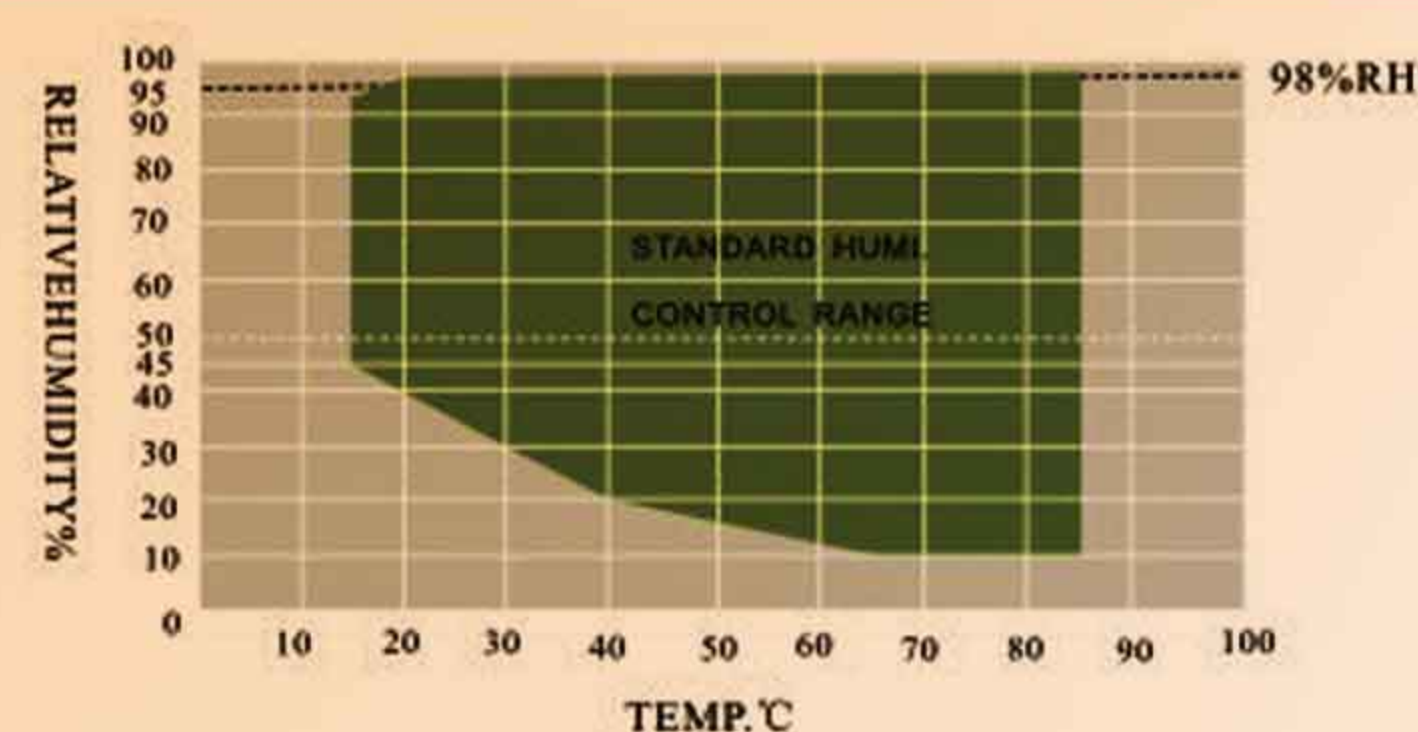
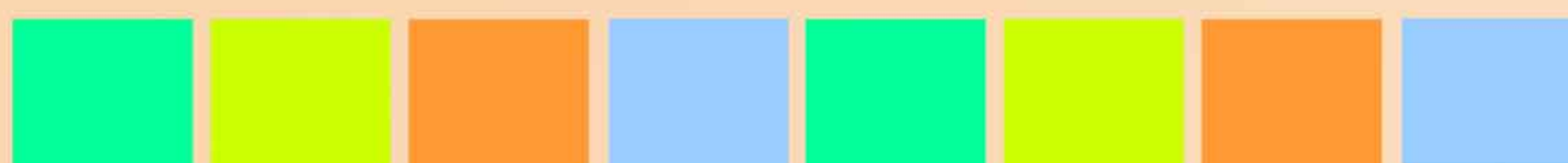
Programmable Environmental Test Chamber

PT. Valtekindo Global Intertek

HDA-1

Programmable Environmental Test Chamber

Temperature Humidity Test Chamber is mainly used to test the adaptability of electronics, electrical appliances, food, automobile, rubber and plastic, metal and other products, parts and materials in the high and low temperature or alternating hot and humid environment when storage, transport and using. It can provide a reliable and stability environmental parameter for you to predict and improve the quality.



Capacity		80L	150L	225L
Inside Dimensions(DxWxH)(mm)		400 × 500 × 400	500 × 600 × 500	500 × 750 × 600
Outside Dimensions(DxWxH)(mm)		850 × 1400 × 950	950 × 1500 × 1050	950 × 1650 × 1150
Weight(Approx.)(kg)		180	250	300
Capacity		408L	800L	1000L
Inside Dimensions(DxWxH)(mm)		650 × 850 × 800	1000 × 1000 × 850	1000 × 1000 × 1000
Outside Dimensions(DxWxH)(mm)		1050 × 1750 × 1350	1450 × 1900 × 1350	1450 × 1900 × 1550
Weight(Approx.)(kg)		400	800	1000
Performance	Control Methods	Balanced temperature humidity control system (BTHC) PID intelligent adjust		
	Temperature and Humidity Range	0°C , -10°C , -20°C, -40°C , -60°C , -70°C ~ 150°C; 20% -85% R.H		
	Precision	± 0.5°C ; ± 2.5% RH		
	Resolution	± 0.01°C ; ± 0.1% R.H		
	Heating Rate	≥2.5°C/min		
	Cooling Rate	Average 1°C/min		
	Internal Material	SUS#304 stainless steel		
	External Material	SUS#304 stainless steel or Antirust processing cold-rolled steel sheet(Spray)		
Regulator	Insulation Material	Superfine wool + polyurethane foam		
	Cooling Mode	Mechanical binary refrigeration way		
	Compressor	Closed compressor(French Tecumseh or German Copeland)		
	Refrigerant	R23/R404A		
	Condensing Way	Air-cooling and Water-cooling		
	Humidifier	Stainless steel humidifying tube		
Controller	Airflow Way	Broadband-type forced air circulation		
	Operate Interfaces	Korea TEMI 880 LCD touch screen		
	Memory capacity	120 groups, each program 100 segment		
	Input	PT100 or T thermocouple		
	Communicate Interface	RS—232 port		
Water supply	Subsidiary function	Upper and lower alarm; self diagnosis ; alarm display(fault cause); time sequence protection(Automatic turn on or turn off)		
	Water supply	Circulating water supply		
	Water tank	Built-in hand type (30Kg capacity)		
Water quality		resistance >500 Ω .m		
Standard Configuration		One observe window(Double hollow toughened glass);one test pattern ø 50mm(on the left); 2 layers sample frame; one floodlight(fluorescent lamp);one water feeding tank;		
Safety device		Power leakage protection; Dry heating protection; Water system protection Over-temperatureprotection switch; Temperature deviation alarm, Compressor Overpressure; overload; Water shortage; Phrase shortage, etc.		

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