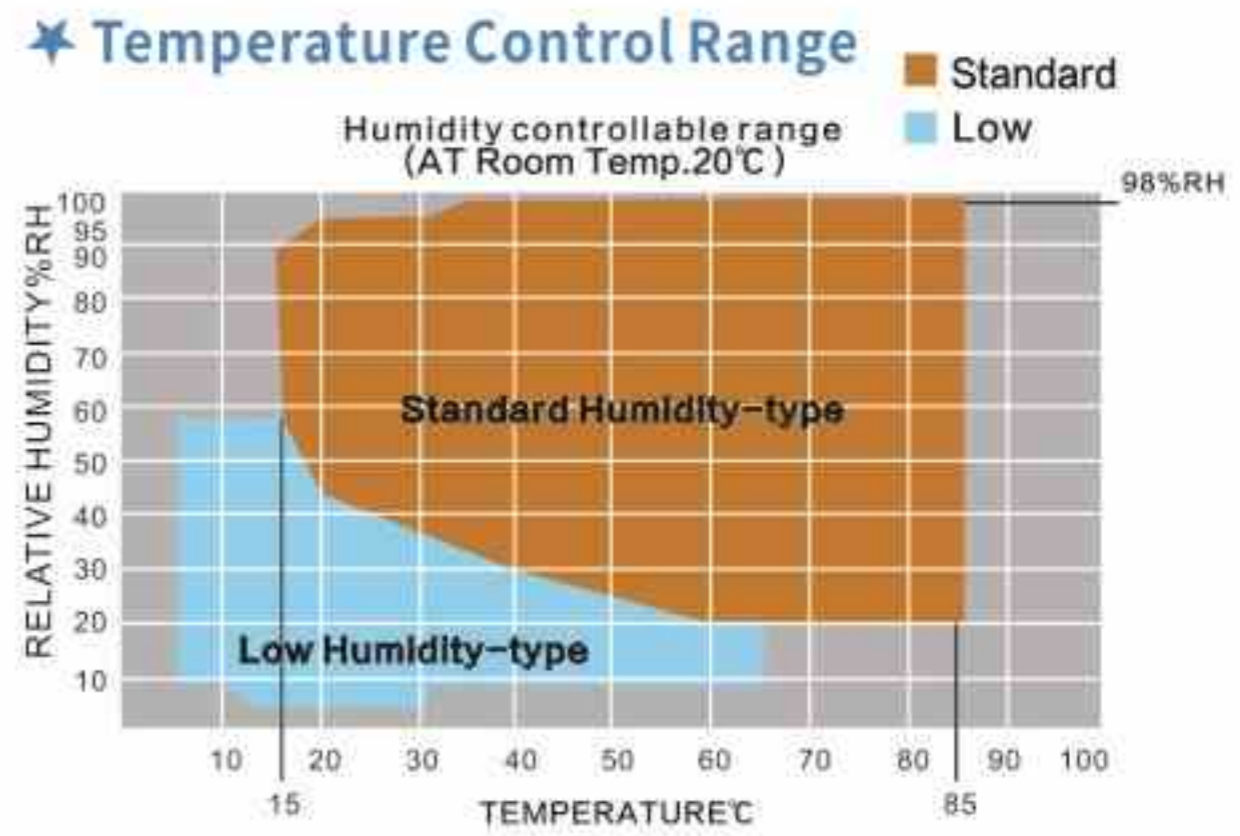


Constant Temperature Humidity Test Chamber

恒温恒湿试验箱 THS Series



Product Introduction

Constant Temperature Humidity Chamber tests products ability to withstand extreme temperature and humidity, it analyzes and evaluates whether the components and materials can bear long-term high low temperature storage, transportation, and usage in terminal market without damage.

Controller

7" Japan UNIQUE UMC programmable controller
RS232 communication port



Working Chamber

Mirror stainless steel sus#304



Refrigeration

Original France imported "Tecumseh" compressor



Technical Parameters

Model	THS-50	THS-100	THS-150	THS-250	THS-500	THS-800	THS-1000
Interior Dimension W*D*H(mm)	350×320×450	500×400×500	500×500×600	600×500×810	800×700×900	1000×800×1000	1000×1000×1000
Exterior Dimension W*D*H(mm)	950×950×1400	1050×1030×1750	1050×1100×1850	1120×1100×2010	1350×1300×2200	1560×1410×2240	1560×1610×2240
Temperature Range	0°C~+100°C Temperature Fluctuation: ±0.5°C Temperature Uniformity: ≤2°C						
Humidity Range	20% ~ 98% R.H Humidity Bias:2/-3% R.H						
Heating Rate	2~3°C/min						
Cooling Rate	0.7~1°C/min						
Interior Material	Anti-corrosion SUS#304 mirror stainless steel						
Exterior Material	Reinforced Steel plate with electrostatic spraying						
Insulation	Superfine fiberglass wool / polyurethane foam						
Controller	7" Japan original imported UNIQUE(UMC) touch screen controller						
Circulation System	Low-noise motors, single cycle, long axis and stainless steel multi-leaf type centrifuge fan						
Water Supply	Automatic water supply, with water shortage alarm function						
Humidification	Shallow slot humidification, electric heating steam humidification mode						
Dehumidification	Refrigeration dehumidification mode						
Heating System	NiCr heater, independent system						
Refrigeration System	France "TECUMSEH" Hermetic Refrigeration Compressors ,Unit cooling mode / Dual cooling mode (air-cooled), Refrigerant R404A/R23						
Standard Configuration	One observe window(Resistant to high and low temperature, toughened glass window), a humidity proof fluorescent lamp, two shelves, Φ50mm test hole						
Power Supply	AC220V/380V±10%, 50Hz/60Hz						

·Permissible environmental condition: temperature (18 to 30°C) and relative humidity > 85% RH.

·All data are under ambient temperature 20°C, unload.