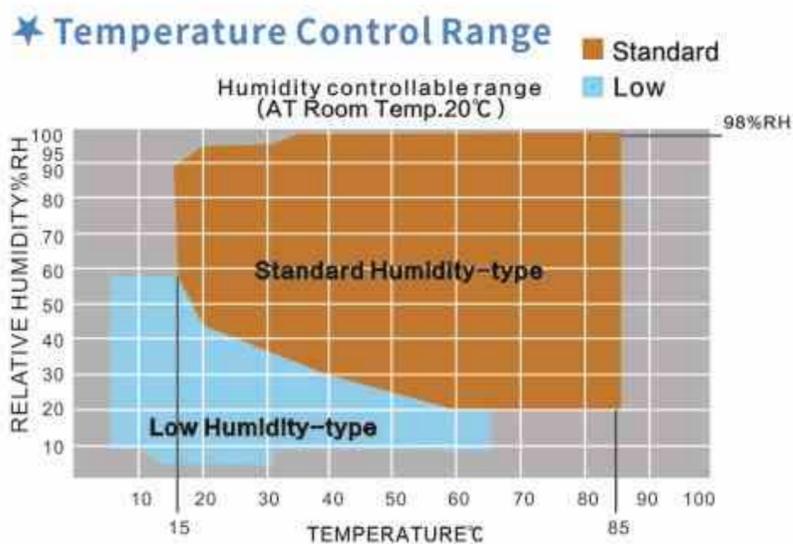




Tabletop Temperature Humidity Chamber

台式温湿度试验箱 THS Series



Product Introduction

Desktop Temperature Humidity Chamber dedicates to products ability to withstand extreme temperature and humidity, the purpose is to make qualified products, it evaluates whether the components can bear long-term high low temperature storage, transportation, and using at terminal market without damage. It is specially designed for laboratories.

Technical Parameters

Model	TGDS-50
Interior Dimension W*D*H(mm)	350×320×450
Exterior Dimension W*D*H(mm)	600×1300×1000
Temperature Range	Model A: -20°C~+150°C Model B: -40°C~+150°C Model C: -70°C~+150°C
Humidity Range	20% ~ 98% R.H
Heating Rate	2~3°C/min
Cooling Rate	0.7~1°C/min
Material	Interior: Anti-corrosion SUS#304 mirror stainless steel Exterior: Reinforced steel plate with electrostatic spraying
Insulation	Superfine fiberglass wool / polyurethane foam
Programmable Controlle	Tem580 touch screen controller
Circulation System	Low-noise motor, single cycle, long axis and stainless steel centrifuge fan
Humidification Mode	Shallow slot humidification, electric heating, steam humidification
Dehumidification Mode	Refrigeration dehumidification
Refrigeration System	France "TECUMSEH" Hermetic Refrigeration Compressors; R404A/R23 Refrigerant
Heating System	NiCr heater, independent system
Security Devices	Leakage and outage protection, compressor over-pressure, overheat, over-current protection, overload fusing protection, audio signal alarm, water shortage alarm
Standard Configuration	Standard Configuration One observe window (Resistant to high low temperature with toughened glass window), a fluorescent lamp, two shelves
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.