

桌上型恒溫恒濕試驗機 Desktop Temperature & Humidity Test Chamber



產品用途：

實驗各種材料耐熱，耐寒，耐幹，耐濕性能。適合電子，電器，通訊，儀表，車輛，塑膠製品，金屬，食品，化學，建材，醫療，航太等製品檢測質量之用。

Application:

It is used to test various types of materials for their tolerances of heat, cold, dry, humidity, and applied for quality inspection for all types of electronic products, electric appliance, and products from communication, instrument, automobile, plastic, metal, food, chemical, building materials, medical and aerospace industries.

帶操作孔玻璃內門 (選購) Inner door with operation hole (optional)
通電測試孔直徑50mm或100mm Entrance hole for test wire, Dia.50mm or 100mm
置物層架 兩層 Sample Shelves, two layers
有R232 或R485通訊介面 R232 or R485 communication Interface

特點:

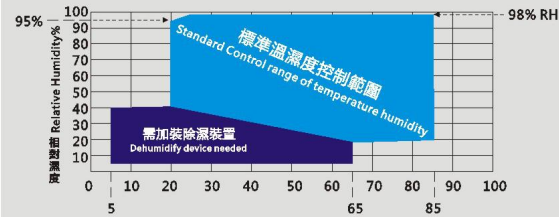
- 質感外觀，機體採用圓弧造型，表面經霧面條紋處理，並採用平面無反作用把手，操作容易，安全可靠。
- 長方形復層玻璃觀察視窗，可在實驗中進行試驗品觀察使用，視窗具防汗電熱器裝置可防止水氣凝結水滴，及高亮度PL螢光燈保持箱內照明。
- 箱門雙層隔絕氣密泊緊，可有效隔絕內部溫度洩露。
- 具可外接式供水系統，方便於補充加濕補供水，並自動回收使用。
- 壓縮機循環系統採用法國“泰康”牌，更能有效去除冷凝管與毛細管間的潤滑油並全系列採用環保冷媒(R23,R404A)。
- 控制器採用進口LCD顯示螢幕，可同時顯示測定值及設定值、時間。
- 控制器具有多段程式編輯及溫度濕度、可做快速 (OUICK) 或斜率 (SLOP) 控制
- 內置式移動滑輪便於移動及擺放並具有強力定位螺絲固定位置。

Features:

- Graceful appearance, circularly shaped body, surface treated with mist strips, and plane handle with no reaction. Easy to operate, safe and reliable.
- Rectangular double-glassed watching window for the observation of the test production during the testing process. The window is equipped with sweat-proof electrical heating device that can prevent water steam from condensing into droplets, and with high brightness PL fluorescent bulbs to provide light inside the box.
- Double-layer-insulated airtight doors, able to insulate the internal temperature effectively.
- Water supply system that is externally connectable, convenient for refilling water into the humidifying pot and automatically recyclable.
- The French “Tecumseh” brand is used for the circulation system of the compressor, capable of removing the lubricant between the condensation pipes and capillaries. The environment-protecting coolant is used for the whole series(R23,R404A)
- Imported LCD display screen is used for the control unit, capable of displaying the measured value as well as the set value and time.
- The control unit has the functions of multiples segment program editing, and of quick or slope control of temperature and humidity.
- Inserted mobile pulley, convenient for movement a relocation, with strong positioning screws.

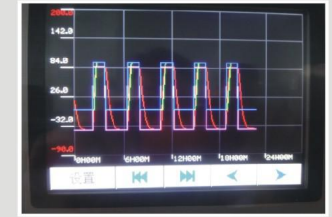
溫濕度控制能力範圍 Humidity Control Range

At +20°C Ambient temperature or +25°C Room temperature and non-loaded



溫濕度循环曲線圖

Temperature and Humidity Cycle Graph



技術參數 Technical Parameters:

型號 Model	DTH-80A	DTH-80B	DTH-80C
內部尺寸WxHxD (mm) Internal Dimension WxHxD (mm)	400X500X400		
外部尺寸WxHxD (mm) External Dimension WxHxD (mm)	1000X1050X1000		
溫度範圍 Temperature Range	室溫(RT+15°C) ~ +150°C	0°C ~ +150°C	-20°C ~ +150°C
濕度範圍 Humidity Range	20%~98%R.H.		
溫濕度解析精度/分佈均勻度 Analytic Accuracy/Distribution Uniformity of Temperature and Humidity	0.1°C ; 0.1% R.H. ±2.0°C ; ±3.0% R.H.		
溫濕度控制精度Control Accuracy of Temperature and Humidity	±0.5°C ; ±2.5% R.H.		
升溫/降溫速率 Temperature Rising/Falling Speed Rate	升溫速率約0.1~3.0°C/分鐘; 降溫速率約0.1~1.0°C/分鐘(降溫速率1.0°C/分鐘以上為特殊選用條件) Temperature rising approx. 0.1~3.0°C / min / temperature falling approx. 0.1~1.0°C/min ; (The falling speed rate Min.1.0°C per minute is a special optional condition)		
內外部材質 Internal and External Material	內箱材質為SUS 304#不銹鋼，外箱材質為不銹鋼或SEE冷軋鋼加烤漆 Material of the inner box is SUS 304# stainless steel, of the outer box is stainless steel or SEE cold-rolled steel with paint coated.		
保溫材質 Insulation Material	耐高溫高密度氨基甲酸乙酯泡沫絕緣體材料 Resistant to high temperature, high density, formate chlorine, ethyl acetum foam insulation materials		
冷卻系統 / Cooling System	風冷式 Wind cooling		
保護裝置 Protection Devices	無熔絲開關、壓縮機過載保護開關、冷媒高低壓保護開關、超濕度超溫保護開關、保險絲、故障警告系統、缺水報警保護 Fuse-free switch, overloading protection switch for compressor, high and low voltage coolant protection switch, over-humidity and over-temperature protection switch, fuses, fault warning system, water short storage warning protection		
選購配件 Optional Accessories	帶操作孔玻璃內門、記錄器 (選購)、純水淨化機 Inner door with operation hole(Optional), Recorder(optional), Water Purifier		
壓縮機 / Compressor	法國“泰康”牌、德國“比則爾” French “Tecumseh” Brand, Germany “Bizer” Brand		
電源 / Power	AC 220V ; 1φ 3線 ; 50/60HZ AC 220V ; 1φ 3 Lines ; 50/60HZ		
大約重量(Kg) / Weight (Kg)	65		