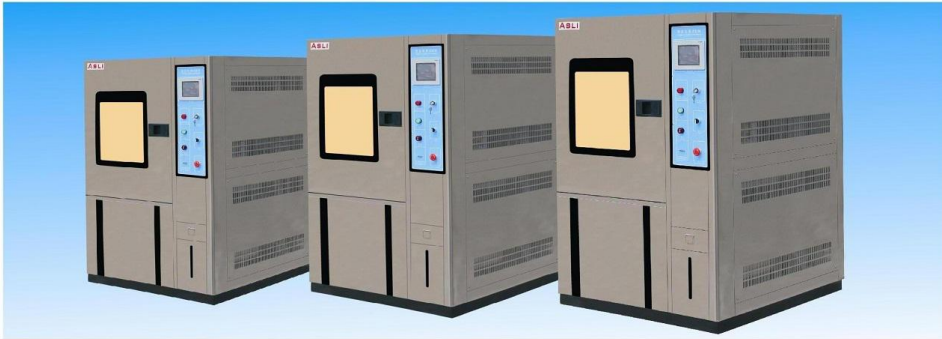


# 可程式恒溫恒濕試驗機 Programmable Temperature & Humidity Test Chamber



## 產品用途：

恒溫恒濕試驗機又名環境試驗機，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，塑膠制品，金屬，食品，化學，建材，醫療，航天等制品檢測質量之用。

## Application:

Programmable constant temperature and humidity testing machine is also called environment testing machine, used to test various types of materials for their tolerances of heat, cold, dry, humidity. It is applied for quality inspection for all types of electronic products, electric appliance, and products of 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RS232或RS485通訊接口 RS232 or RS485 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窗，可在實驗中進行試驗品觀察使用，窗口具防汗電熱器裝置可防止水氣凝結水滴，及高亮度PL熒光燈保持箱內照明。
- 箱門雙層隔氣密封，可有效隔絕內部溫度泄露。
- 具可外接供水系統，方便於補充加濕桶供水，并自動回收使用。
- 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并全系列採用環保冷媒(R22, R23, R404A)。
- 控制器採用進口LCD顯示屏幕，可同時顯示測定值及設定值、時間。
- 控制器具有多段程序編輯及溫度濕度、可做快速 (OUICK) 或斜率 (SLOP) 控制
- 內置式移動滑輪便于移動及擺放并具有強力定位螺絲固定位置。

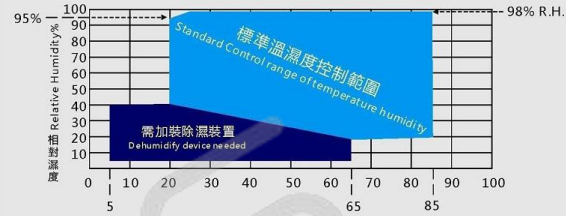
## Features:

- 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 (R22, R23, R404A)
- Imported LCD display screen, 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 and relocation, with strong positioning screws.



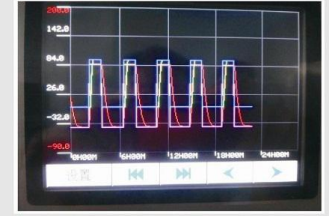
## 溫濕度控制能力範圍 Humidity Control Range

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



## 溫濕度循環曲線圖

Temperature and Humidity Cycle Graph



## 技術參數 Technical Parameters:

型號 Model	TH-80(A~F)	TH-150(A~F)	TH-225(A~F)	TH-408(A~F)	TH-800(A~F)	TH-1000(A~F)
內部尺寸 WxHxD (mm) Internal Dimension WxHxD (mm)	400x500x400	500x600x500	600x750x500	600x850x800	1000x1000x800	1000x1000x1000
外部尺寸 WxHxD (mm) External Dimension WxHxD (mm)	950x1650x950	1050x1750x1050	1200x1900x1150	1200x1950x1350	1600x2000x1450	1600x2100x1450
溫度範圍 Temperature Range	低溫 Low Temperature : (A : 25°C ; B : 0°C ; C : -20°C ; D : -40°C ; E : -60°C ; F : -70°C) 高溫 High Temperature : 150°C ( 200°C )					
濕度範圍 Humidity Range	20%~98% R.H.(10%~98% R.H. / 5%~98% R.H.為特殊選用條件，需加除濕系統 20%~98% R.H.(10%~98% R.H. / 5%~98% R.H. is a special optional condition, need Dehumidifier)					
濕度解析精度/分布均勻度 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 0.1~1.2°C/分鐘 (降溫速率 1.5°C/分鐘以上為特殊選用條件) Temperature rising approx. 0.1~3.0°C/min / temperature falling approx. 0.1~1.2°C/min ; (The Falling Speed Rate Min.1.5°C per minute is a special optional condition)					
內、外部材質 Inner and Outer Material	內箱材質為 SUS 304# 不銹鋼，外箱材質為不銹鋼或 SEE 冷轧鋼加烤漆 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	耐高溫高密度氯基甲酸乙酯泡沫絕緣材料 Resistant to high temperature, high density, formate chlorine, ethyl acetum foam insulation materials					
冷卻系統 Cooling System	風冷式或水冷式 ( 單段壓縮機 -40°C; 雙段壓縮機 -70°C ) Wind cooling or water cooling / single segment compressor (-40°C, double segment compressor -70°C)					
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、純水淨化機、除濕機 Inner door with operation Hole, Recorder, Water Purifier, Dehumidifier					
壓縮機/Compressor	法國“泰康”牌、德國“比則爾”牌 French “Tecumseh” Brand, Germany “Bizer” Brand					
電源/Power	AC220V ; 1φ 3線 ; 50/60HZ		AC380V ; 3φ 5線 ; 50/60HZ		AC220V ; 1φ 3線 ; 50/60HZ AC380V ; 3φ 5線 ; 50/60HZ	
大約重量(Kg)/Approx. Weight (Kg)	150	180	250	320	400	450