

高低溫/低氣壓試驗箱 High & Low Temperature/Low Air Pressure Test Chamber



產品用途：

主要用於航空、航太、資訊、電子等領域，確定儀器儀錶、電工產品、材料、零部件、設備等在低氣壓高溫，低溫或同時作用下的環境適應性與可靠性試驗，並或同時對試件通電進行電器性能參數的測量。

Application:

It is mainly used in aviation, aerospace, information, electronics and other fields, to ensure the environment adaptability and reliability of instruments, meters, electrical products, materials, parts, equipment in low temperature and low air pressure, or low temperature or low-high temperature and low air pressure, and measure the specimen's technical parameters.

特點：

- 外承壓式箱體結構，不銹鋼內膽。合理的空氣循環系統與加熱、製冷器佈置。
- 進口製冷機組，關鍵配件均進口國際名牌，提高運行可靠性。
- 控制器採用觸摸屏人機界面，運行可靠，精度高。
- 有工作室超溫、壓縮機超載、超壓、油壓超壓、風機超載、缺相，壓縮機延時等保護功能

Features:

- Perfect case structure, can undertake air pressure, stainless steel inner case. Reasonable air cycle system and heater, refrigerator device.
- Imported refrigeration units, key parts are international brands, improve the operation reliability.
- Controller adopts touch screen man-machine interface, reliable operation, high precision.
- Protection device for studio over-temperature, compressor over-load, over-pressure, oil pressure over-pressure, fan over-load, default-phase, compressor delay.

技術參數 Technical Parameters:

型號 Model	HLP-408(D~F)	HLP-1000(D~F)
內部尺寸 WxHxD (mm) Internal Dimensions WxHxD (mm)	600x850x800	1000x1000x1000
外部尺寸 WxHxD (mm) External Dimensions WxHxD (mm)	1400x1900x1900	1600x2050x2350
壓力範圍 Pressure Range	常壓 (101 Kpa) ~ 0.5 Kpa Atmospheric pressure (101 Kpa) ~ 0.5 Kpa	
壓力偏差 Pressure Deviation	50 Kpa ~ 101Kpa時 ±3Kpa; 10kpa~50Kpa時 ±1.0Kpa; 1kpa~10時 ±0.1Kpa Pressure 50 Kpa ~ 10Kpa±3Kpa; pressure 10Kpa ~ 50Kpa±1.0Kpa; pressure 1Kpa ~ 10Kpa±0.1Kpa	
降壓速率 Velocity of Depressurization	常壓(101Kpa)~1kpa≤40分 (常溫狀態下); Atmospheric pressure(101.3Kpa)~1kpa≤40min (Room temperature situation);	
低氣壓方式 Low Air Pressure Mode	真空泵 Vacuum pump	
溫度範圍 Temperature Range	低溫：(D:-40°C ; F:-70°C) Low Temperature (D:-40°C ; F:-70°C) 高溫：150°C High Temperature 150°C	
溫度解析精度 Analytic Accuracy of Temperature	0.1 °C	
溫度分佈均勻度 Distribution Uniformity of Temperature	溫度≤100°C時 ±3.0°C (常壓空載)，溫度>100°C時 ±5.0°C (常壓空載) When temperature≤100°C, ±3.0°C (Atmospheric pressure and no load), When temperature>100°C, ±5.0°C (Atmospheric pressure and no load)	
溫度控制精度 Control Accuracy of Temperature	±0.5°C	
升溫/降溫速率 Temperature Rising/Falling Speed Rate	升溫速率約0.2~1.2°C/分鐘；降溫速率約0.2~1.2°C/分鐘 Temperature rising approx. 0.2~1.2°C/min; temperature falling approx. 0.2~1.2°C/min;	
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、超溫保護開關、保險絲、 故障警告系統 Fuse-free switch, overloading protection switch for compressor, high and low voltage coolant protection switch, over-temperature protection switch, fuses, fault warning system	
壓縮機 Compressor	法國“泰康”牌；德國“比則爾” French “Tecumseh” Brand; Germany “Bizer” Brand	
電源 Power	AC 380V ; 3φ 5線 ; 50/60HZ AC 380V ; 3φ 5 Lines ; 50/60HZ	