ASLI High Low Temperature/Low Air Pressure Test Chamber

High Low Temperature/Low Air Pressure Test Chamber

Application:

High Low Temperature/Low Air Pressure Test Chamber 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.

Features:

1.Perfect case structure, can undertake air pressure, stainless steel inner case.

2. Reasonable air cycle system and heater,refrigerator device.

3.Imported refrigeration units, key parts are international brands, improve the operation reliability.

4.Controller adopts touch screen man-machine interface, reliable operation, high precision.

5.Protection device for studio over-temperature, compressor over-load, over-pressure, oil pressure over-pressure ,fan over-load, default-phase, compressor delay.

Technical parameters:

Model	HLP-408(D~F)	HLP-1000(D~F)
Internal Dimensions WxHx D (mm)	600x850x800	1000x1000x1000
External Dimensions WxHx D (mm)	1400x1900x1900	1600x2050x2350

Pressure Range	Atmospheric pressure(101 Kpa)~0.5 Kpa
Pressure Deviation	Pressure 50 Kpa ~10 Kpa, ±3 Kpa; Pressure 10 Kpa ~50 Kpa, ±1.0 Kpa; Pressure 1 Kpa ~10 Kpa, ±0.1 Kpa
Velocity of Depressurization	Atmospheric pressure ~1kpa≦40min (Room temperature situation);
Low Air Pressure Mode	Vacuum pump
Temperature Range	Low Temperature（D:-40℃ F:-70℃） High Temperature 150℃
Analytic Accuracy of Temperature	0.1 ℃
Distribution Uniformity of Temperature	When temperature≦100℃, ±3.0℃ (Atmospheric pressure and non load), When temperature>100℃, ±5.0℃ (Atmospheric pressure and non load)
Control Accuracy of Temperature	±0.5℃
Temperature Rising/Falling Speed Rate	Temperature rising approx. 0.2~1.2℃/min, Temperature falling approx. 0.2~1.2℃/min;
Internal and External Material	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.
Insulation Material	Resistant to high temperature, high density, formate chlorine, ethyl acetum foam insulation materials
Cooling System	Wind cooling or water cooling / single segment compressor(-40℃, double segment compressor -70℃）
Protection Devices	Fuse-free switch, overloading protection switch for compressor,fault warning system,high and low voltage coolant protection switch,over-temperature protection switch, fuses,
Compressor	French Tecumseh Brand, Germany Bizer Brand
Power	AC 380V, 3∮ 5 Lines, 50/60HZ