

ASLI Temperature Humidity Vibration Combined Test System



Temperature Humidity Vibration Combined Test System

Application:

Temperature and humidity test chamber matched with appropriate vibration test bench to meet with respective corresponding environmental test requirements of temperature, humidity and vibration; extensively applied in aviation and aerospace, shipping, electronics ,automobile car, telecommunications, industry.

Features:

1. A combined structure of test chamber and refrigerating system boasting compact and graceful design; independent console
2. To make it convenient for operation; original refrigerating compressor unit and its main accessories imported from abroad
3. Imported LCD color touch screen controller capable of automobile control of temperature humidity programs;
4. With R232 Telecommunication interface. To meet customer's unique demands, users may choose from different models of vibration test bench to ensure that in addition to good cool
- 5.Heat and air seal system, this vibration bench will also boasts remarkable effect of mechanical vibration

Technical Parameters:

Model	THV-408 (A~F)	THV-1000 (A~F)	THV-1500 (A~F)
Internal Dimension W×H×D(mm)	600×850×800	1000×1000×1000	1500×1500×1500
External Dimension W×H×D(mm)	850×1950×2100	1300×2200×2400	1800×2400×3000

Temperature Range	Low temperature: (A:25°C; B:0°C; C:-20°C ; D: -40°C; E: -60°C; F: -70°C) High temperature:100°C (150°C)
Humidity Range	20%~98%R.H.(10%-98% R.H. / 5%-98% R.H. is a special optional condition, need Dehumidifier)
Analytic Accuracy / Distribution uniformity of temperature and humidity	0.1°C; 0.1% R.H./±2.0°C; ±3.0% R.H.
Control Accuracy of temperature and humidity	±0.5°C; ±2.5% R.H.
Temperature Rising / Falling Speed Rate	Temperature rising approx. 0.1~3.0°C/min / temperature falling approx. 0.1~1.5°C/min; (The Falling Speed Rate Min.1.5°C/min is a special optional condition)
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°C, double segment compressor -70°C)
Protection Devices	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
Optional Accessories	Inner door with operation hole(Optional) , Recorder(optional), Water Purifier, Dehumidifier
Vibration Test Equipment	Choose proper vibration test bench according to customer's test condition , the technical parameters please take Electrodynamics Type Vibration Tester's parameters in this catalog for reference
Power	AC380V 3φ 5 Lines, 50/60HZ