

## ASLI THV-1000-D Vibration and temperature test chamber



### THV-1000-D Vibration and temperature test chamber

#### 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-1000-D
Internal Dimension	W1000xH1000xD1000(mm)
External Dimension	W1300xH2200xD2400(mm)
Temperature Range	Low temperature:D: -40°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 3φ5 Lines, 50/60HZ