



Altitude Test Chamber



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Altitude Test Chamber

DS-U



Product Overview

The high/low temperature and low-pressure test chamber is suitable for conducting high temperature, low temperature, and high humidity tests on outdoor, self-built components, and materials. It can also be used for high-temperature strength tests and high-temperature tests with consistent temperature. The high/low temperature or low-pressure tests can be performed individually or in combination, meeting the verification requirements for individual test results and providing reference data for final consideration, ensuring balanced decision-making under climatic conditions.

Model	DS-216U	DS-1000U	DS-4500L
Temperature range	-70°C to +100°C		
Temperature fluctuation	±0.5°C	≤±0.5°C (normal pressure, No Load)	≤±0.5°C (normal pressure, No Load)
Temperature deviation	≥100°C, ±3.0°C (normal pressure, No Load)	≤±2.0°C (normal pressure, No Load)	≤±2.0°C (normal pressure, No Load)
Internal Volume	216L	1000L	4500L
Heating /cooling rate	Heating/Cooling Rate 0.7°C to 1.0°C/min (Average)		
Internal Dimensions (mm)(WxHxD)	600x600x600	1000x1000x1000	1500x1740x1730
Pressure Range	normal pressure to 0.5KPa`		
Depressurization rate	Normal pressure to 1KPa ≤ 30min (Normal temperature, empty)		
Pressure recovery rate	≤10KPa/min		