

KMT-225L Double layer Programmable Temperature Test Chamber

KOMEGB climatic test chamber features:

The chamber structure stainless steel plate is processed by CNC machining, the appearance is beautiful with modern style, using non-reaction mechanical handle, safe and easy operation;

Internal wall using matte stainless steel SUS#304, external wall apply A3 steel panel with spraying coat, improving the outside neatness; suitable for electrical, electronics, machinery and other products, parts, materials, etc. under high or low temperature conditions on the products, parts, materials quality and reliability testing.



SPECIFICATIONS

Temp. range	-40°C~+150°C
Temp. deviation	≤±2.0°C (no load) 30 minutes after the temperature reaches the set value
Temp. fluctuation	±0.5°C (no load)
Temp. uniformity	≤±2.0°C (no load) 30 Minutes after the temperature reaches the set value
Temp. change rate	Heat up rate: from -40°C to +150°C average ≥ 3°C/min (no load) Cool down rate: from +25°C to -40°C average ≥ 3°C/min (no load)
Chamber dimension	Interior dimension W650 x H640 x D550mm (single chamber) Exterior dimension W1490 x H1760 x D1205mm (Excluding machine protruding parts)
Metal body with insulation	Exterior material: No less than 1.2mm thick double-sided galvanized steel sheet with plastic-sprayed surface Interior material: SUS304# Matte stainless steel plate with Teflon insulation coating Insulation material: Rigid polyurethane foam insulation + glass fiber
Door	Single door, left open, heating wire installed at the door frame to prevent condensation at low temperatures
Observation window	With observation window on the door (W210*H270), multi-layer vacuum electro-thermal coated glass can effectively maintain heat and prevent condensation
Lighting device	1 pc installed on the window
Heater	High-quality nickel-chromium alloy wire electric heater, non-contact control method
Condensation outlet hole	Equipped with condensate drainage hole for working room and refrigerant unit
Cable port	Two cable ports of φ100mm located on both sides of the test chamber, with rubber stopper and plastic cover
Shelves	Stainless steel sample shelves 2pcs, with Teflon insulation coating, each layer supports 30kg
Moving caster	Moving caster (with foot)
Power cabinet	Main power circuit breaker, over temperature protector
Explosion-proof function	Pressure balance device inside and outside the box, pressure relief valve installed
Exhaust fan	When the pressure in the box exceeds the safe pressure and the pressure is released the exhaust fan is automatically turned on