

Motor Environmental Test Chamber

DSH-1540S



Product Overview

The chamber body is processed by CNC machine tools and uses a non-reaction handle for easy operation; The test chamber consists of three parts: The movable main chamber body (including refrigeration unit, electrical control cabinet), fixed chamber door, and guide rails; The chamber is suitable for quality and reliability testing of electrical, electronic, mechanical and other products, parts, materials, etc. under high and low temperature and simulated temperature change conditions.

Model	DSH-1540S
Temperature range	-50°C to +100°C (temperature continuously adjustable)
Temperature fluctuation	≤±0.5°C (No load, constant state)
Temperature uniformity	≤2.0°C (No load, constant state)
Temperature deviation	≤±2.0°C (No load, constant state)
Interior size (mm) (WxHxD)	1100x1400x1000
Exterior size (mm) (WxDxH)	1400x2050x2012
Floor space (m²)	About 2.82
Heating rate	-40°C to +150°C: ≤25min (No load); -40°C to +150°C: ≤145min (150kg aluminum ingot, 5kW heating; 30kg steel ingot) -20°C to +85°C: ≤70min (150kg aluminum ingot, 5kW heating; 30kg steel ingot)
Cooling rate	+150°C to -40°C: ≤25min (No load); +150°C to -40°C: ≤160min (150kg aluminum ingot, 5kW heating; 30kg steel ingot) +85°C to -20°C : ≤70min (150kg aluminum ingot, 5kW heating; 30kg steel ingot)
Interior material	Stainless steel plate(SUS304)
Exterior material	High-quality cold-rolled steel plate, surface electrostatic powder coating
Insulation material	Rigid polyurethane foam insulation layer, flame retardant grade B2
Refrigeration System	Water-cooled
	Semi-hermetic compressor
Heater	High quality nickel-chromium alloy heater
Blower	Centrifugal blower
Door observation window	Glass incorporating heat generator
Controller	7-inch color touch screen intelligent controller *Operating system: cold output version
Protective devices	Over-temperature protection, compressor over pressure, circuit breaker, overload protection, fan overload protection, oil pressure protection, water shortage protection, leakage protection.
Standard accessories	Observation window, cable port (φ50mm, 1 on the left), baffle, baffle rack (2 sets), chamber lamp.
Optional accessories	RS-232C, recorder, special cable port, special sample holder, additional baffle.
Power supply	AC380 ±10% 50Hz three-phase four-wire + ground