

Hydrogen Fuel Cell Explosion-proof Walk-in Chamber –DSH-25L



Product Overview

This series of temperature test chambers are suitable for reliability testing of hydrogen fuel cell stacks and their components. They have the characteristics of temperature and humidity control accuracy and wide control range parameter verification methods for environmental test equipment for electrical and electronic products - low temperature, high temperature, constant humidity and heat, alternating humidity and heat test equipment".



Model	DSH-25L
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)	3300x2300x3300
Exterior size (mm) (WxHxD)	4760x2600x3600
Floor area (m²)	About 17.14
Heating rate	-30°C to +85°C ≤1°C/min (Load 1500kg battery pack and fixture)
Cooling rate	+85°C to -30°C ≤0.5°C/min (Load 1500kg battery pack and fixture)
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 overpressure, 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