

Temperature, Humidity and Vibration Three-in-one Test Chamber – **DSVH- 408S DSVH-1000S**



Product Overview

The agree chamber meets various corresponding temperature, humidity and vibration three-in-one test requirements. This product has a wide range of applications in aerospace, marine, electrical , electronics, communications and fields.



Product Features

Testing chamber combined perfectly in one part with refrigeration system, Separate control system, easy operation. Compressor system and main components are all imported world top brand. Professional designed touch screen controller, with RS485 port and auto-control temperature and humidity program. Vibration systems are optional according to customer requirement. Professional vibration system installation ensures high isolation of air and temperature, as well as high transmission of mechanical property.

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Model		DSVH- 408S	DSVH-1000S
Temperature range		-70°C to +150°C	
Humidity range		20%R.H to 98%R.H	
Temperature fluctuation		≤0.5°C	
Humidity fluctuation		±2.5%R.H	
Temperature uniformity		2.0°C	
Temperature deviation		Humidity≤75%R.H, ±3.0%R.H Humidity>75%R.H, ±5.0%R.H	
Interior size (mm) (WxHxD)		600x850x800	1000x1000x1000
Exterior size		408	1000
Heating and cooling rate		≤5°C/min or ≤10°C/min (-40°C to +85°C)	
Interior material		Stainless steel plate(SUS304)	
Exterior material		High-quality cold-rolled steel plate, surface electrostatic powder coating	
Insulation material		High density polyurethane foam	
Refrigeration System	Refrigeration System	Semi-hermetic compressor	
	Cooling method	Water-cooled	
Heater		High quality nickel-chromium alloy heater	
Blower		Centrifugal blower	
Door observation window		470mm*350mm coated insulating glass	
Temperature Sensor		Pt 100 platinum resistance	
Controller		Touch screen programmable controller	
Protective devices		Over-temperature protection, compressor over pressure, circuit breaker, overload protection, fan overload protection, oil pressure protection, water shortage protection, leakage protection.	
Vibration		Optional according to user requirements	
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.	