



Double-layer Explosion-proof Battery Temperature Test Chamber



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Double-layer Explosion-proof Battery Temperature Test Chamber

DST-2

It is suitable for quality and reliability testing of power batteries, electronics, machinery and other products, parts and materials under high temperature and simulated temperature change conditions.



MODEL	408-N.D	1000-N.D	408-L.D	1000-L.D	408-U.D	1000-U.D
Temperature range	-20°C to +180°C		-40°C to +180°C		-70°C to +180°C	
Temperature fluctuation	±0.5°C					
Temperature uniformity	≤2.0°C					
Interior size (mm) (WxHxD)	800x850x600	1000x1000x1000	800x850x600	1000x1000x1000	800x850x600	1000x1000x1000
Exterior size (mm)	1000x1755x1340	1200x1860x1725	1000x1755x1340	1200x1860x1725	1000x1755x1340	1200x1860x1725
Heating	-20°C to +100°C Average 3°C/min (No load)		-40°C to +100°C Average 3°C/min (No load)		-70°C to +100°C Average 3°C/min (No load)	
Cooling rate	+20°C to -20°C Average 1°C/min (No load)		+20°C to -40°C Average 1°C/min (No load)		+20°C to -70°C Average 1°C/min (No load)	
Inner chamber material	SUS304 stainless steel plate, the inner tank is fully welded					
Outer chamber material	high quality cold rolled steel plate, surface electrostatic powder coating					
Insulation material	Rigid polyurethane foam insulation layer, flame retardant grade B2					
Explosion-proof window	Multi-layer vacuum glass window with electronic defog film, heat and sweat protection, Stainless steel protective net inside the glass to prevent the glass from flying in the event of an explosion					
Explosion-proof pressure relief port	When the pressure exceeds the set value, the explosion-proof door automatically opens to release the pressure inside the box to prevent damage to the equipment					
Explosion-proof chain	Add 2 explosion-proof chains on each side of the chamber door. When an explosion occurs, the chamber door can be opened a little to allow the internal air pressure to be released quickly, but it cannot be opened to injure people.					
Refrigeration system	Water-cooled					
Controller	7-inch color touch screen intelligent controller *Operating system: cold output version					
Protection devices	Over-temperature protection, Compressor overload and overheating, High-voltage protection, Motor over-current protection, Over-temperature protection relay, Fan overload protection, Fuse, Dry-burning protector, Water shortage protector, Alarm action					
Standard accessories	window light, 4 mobile casters (with foot cups), 2 units of 50mm cable ports (with silicone plugs), layers of sample racks, 1 set of lighting					