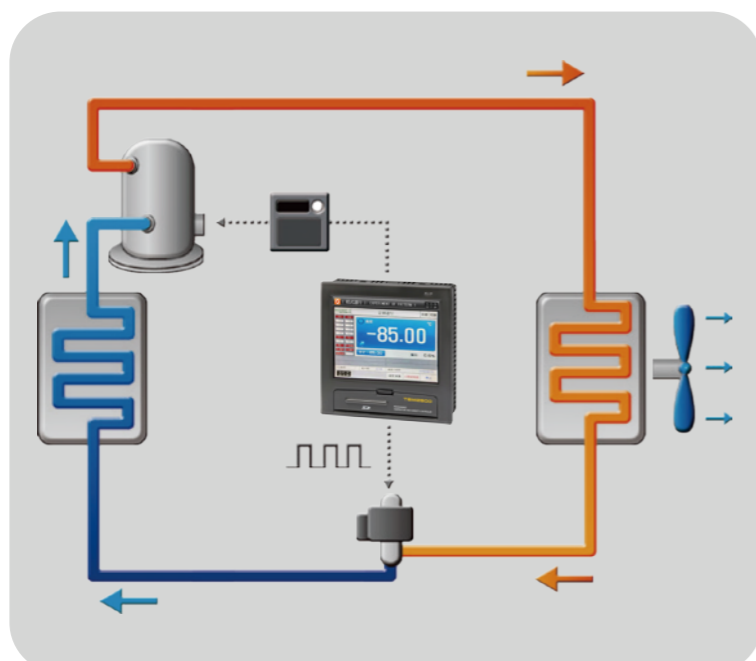


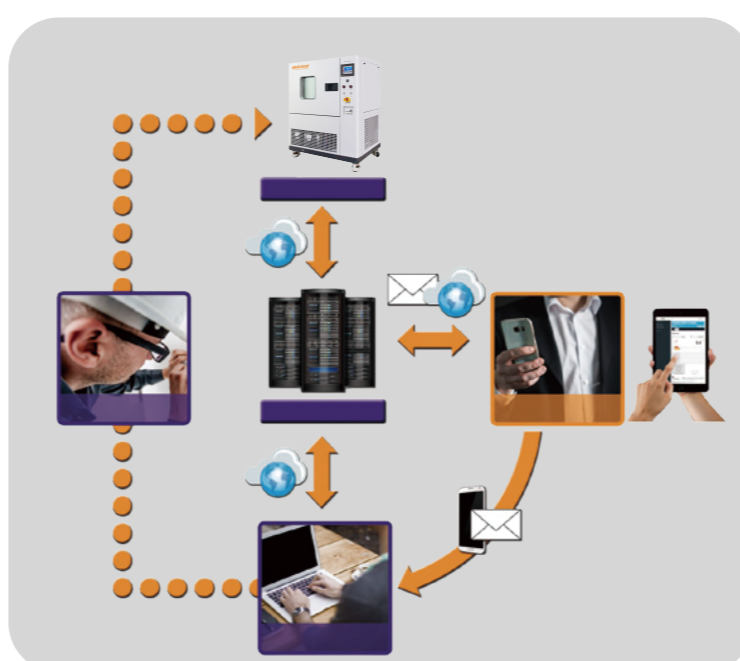
# Ultra Low Temperature Test Chamber



### Energy Conservation



### Remote network system



### Circuit System



### • R508 Refrigerant Imported From America

The combination of R508 refrigerant and Sanwood refrigeration technology makes the temperature reach -85°C.



### • Specifications

Model		SM -- 712	SM -- 812
Temperature	Temperature range	-75°C~180°C	-85°C~180°C
	Temperature fluctuation	±0.5°C	
	Cooling rate	180.0°C~-75.0°C Within about 100 minutes 1.7°C/min	180.0°C~-85.0°C Within about 95 minutes 2.2°C/min
	Heating rate	-75.0°C~180.0°C Within about 85 minutes 3.0°C/min	-85.0°C~180.0°C Within about 53 minutes 5°C/min
	Temperature uniformity	±1.5°C (-40.0°C~100.0°C) ±2.0°C (100.1°C~180.0°C -40.0°C~-85.0°C)	
Material	Internal material	SUS304 stainless steel(1.2mm)	
	External material	cold-rolled plate(1.5mm), powder coating	
	Heat insulation	polyurethane foam(100mm)+glass wool(10mm)	
	Fan	Centrifugal fan(Impeller Fan)	
	Refrigeration compressor	hermetic compressor(Tecumseh)	
	Cooling mode	air cooling	
	Refrigerant	R404A、R23、R508	
	Evaporator	finned-tube exchanger	
Heater	nickel chrome strip heater		
Size	Interior size(mm) W*H*D	400 X 400 X 400 64L	400 X 400 X 400 64L
	Outer size(mm) W*H*D	950 x 1200 x 630	950 x 1200 x 630
	Weight	145kg	145kg
Operating ambient temperature		+5 ~ 35°C	
Power supply		220V AC 50/60Hz 16A	220V AC 50/60Hz 35A
Controller		Standard: South Korea TEMI-1500	

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