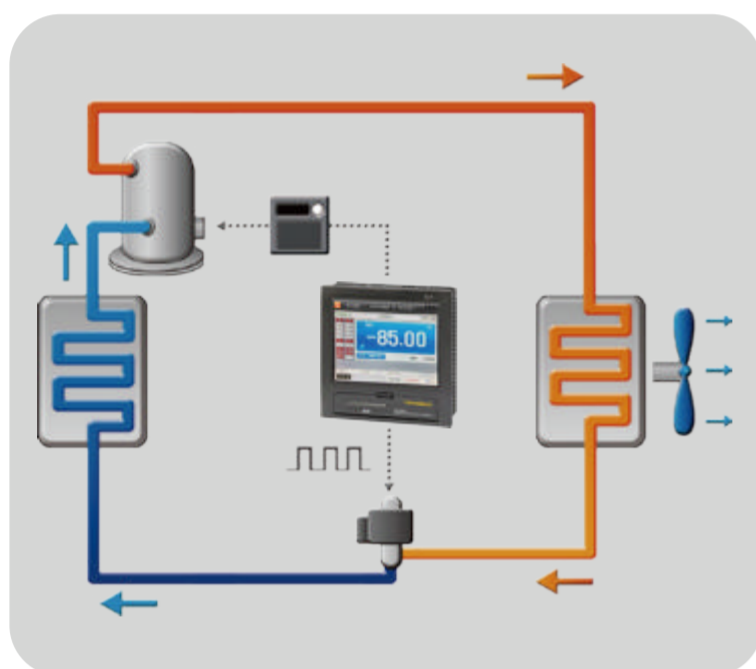


# Ultra Low Temperature Test Chamber

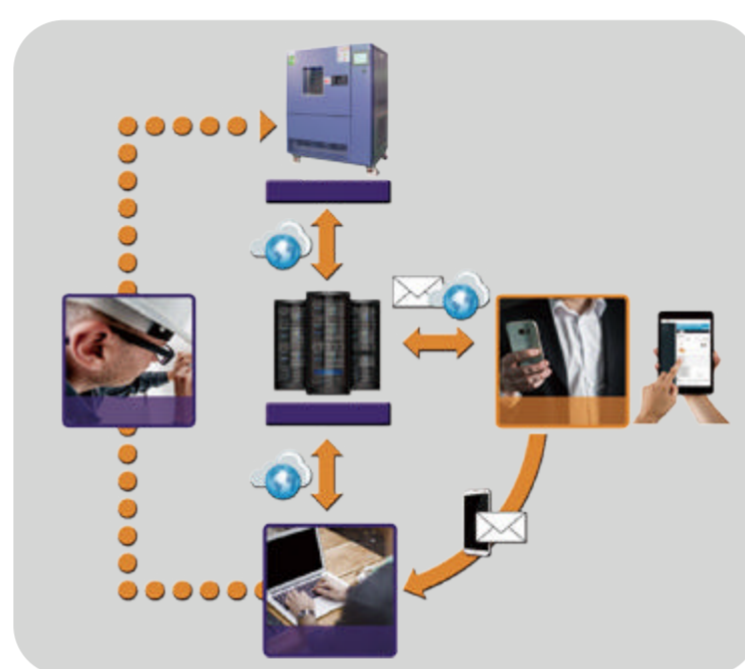


Mobile phone scan  
More product information

### 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	
Size	Evaporator	finned-tube exchanger	
	Heater	nickel chrome strip heater	
	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		
Safety device	test sample adjustable overtemperature protection, heater and humidifier boil dry overheating protection, humidifier overtemperature protection for water shortage, compressor overload protection, over high voltage protection, earth leakage protection		
Power supply	220V AC 50/60Hz 16A	220V AC 50/60Hz 35A	
Controller	Standard: South Korea TEMI-1500 Optional: South Korea TEMI-2500, South Korea TEMI-2700		

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