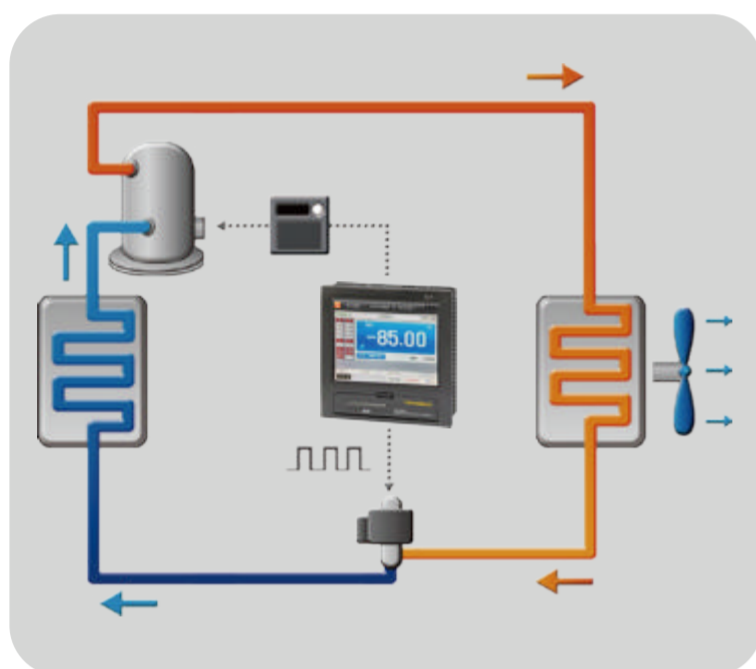


Ultra Low Temperature Test Chamber

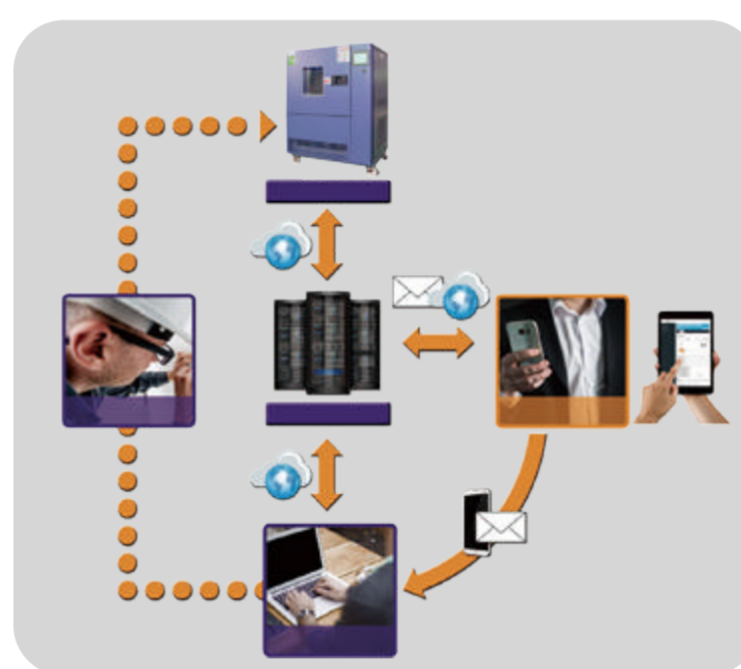


Mobile phone scan
More product information

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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