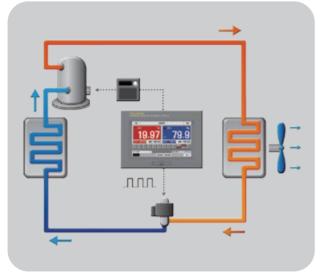


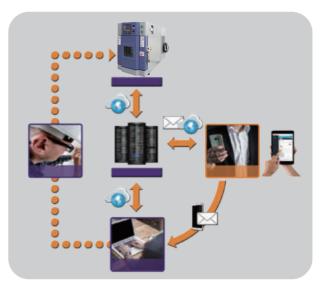
Bench-Top Temperature & Humidity Chamber



Energy Conservation



Remote network system



Circuit System



than 59db, it is suitable for indoor use.





On the side of the main body, a cable port for connecting the power of the sample and a connection for easy determination is mounted.

Remote network system



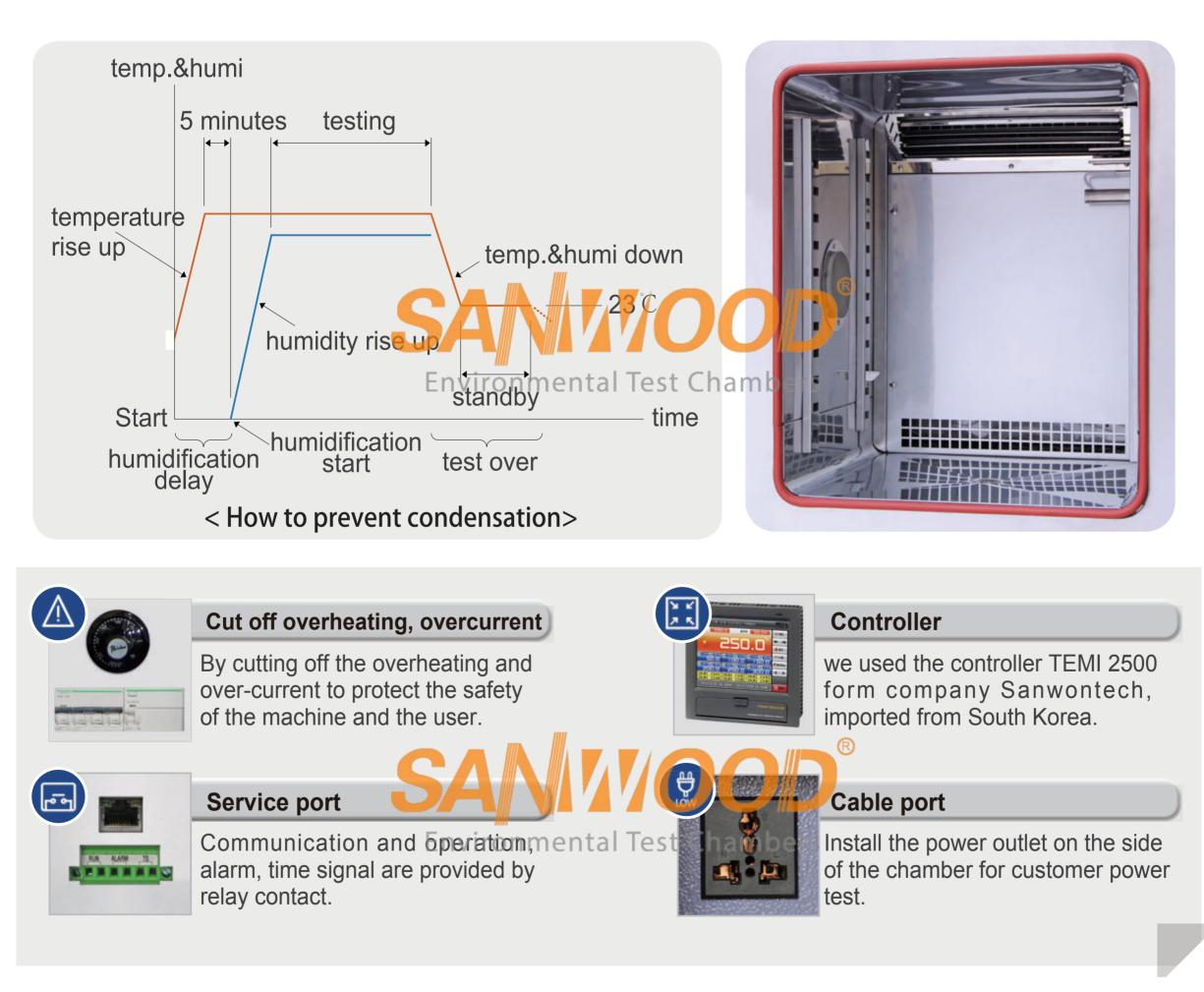


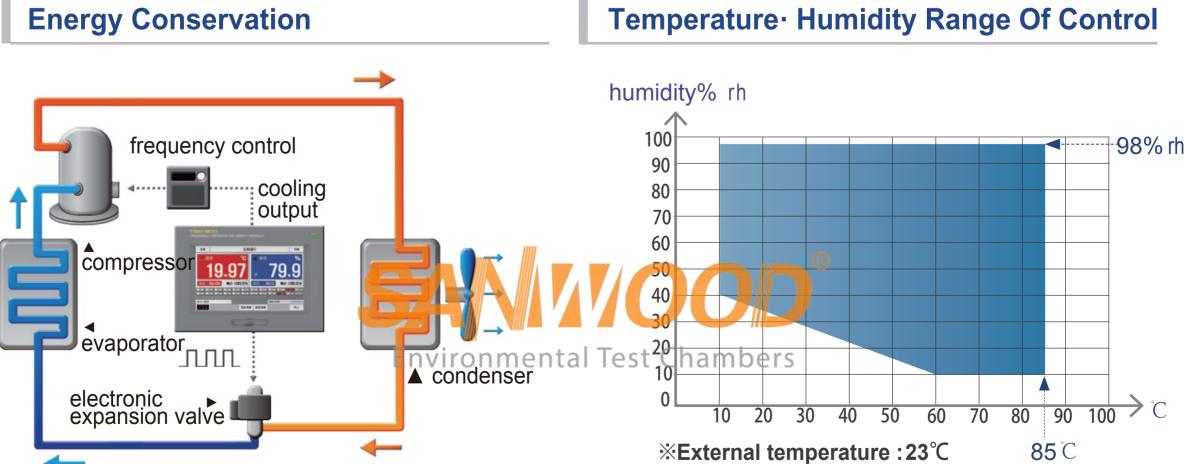
Based on smart phone monitoring APP of SIMS server S/W communication (Apple, SAMSONG) SIMS server (PC Program) and Network App which can be visited by most smart phones are based on product control module of smart phone(iphone)

Energy Conservation

Guarantee the sample with no condensation

The chamber has a function to prevent the condensation when the temperature and humidity rise up or have some error, to prevent damage to the sample.





Through the controller output signal, control the frequency converter and electronic expansion valve, accurately adjust the refrigerant flow, in order to achieve energy saving effect, and the cooling system will more stable. (Frequency control is optional)

Can support the humidity from 20% to 98% in the temperature range of +10 to 85, to maximize the simulation of the atmospheric environment, can design a variety of tests.

Optimal space use with stand options



Circuit System

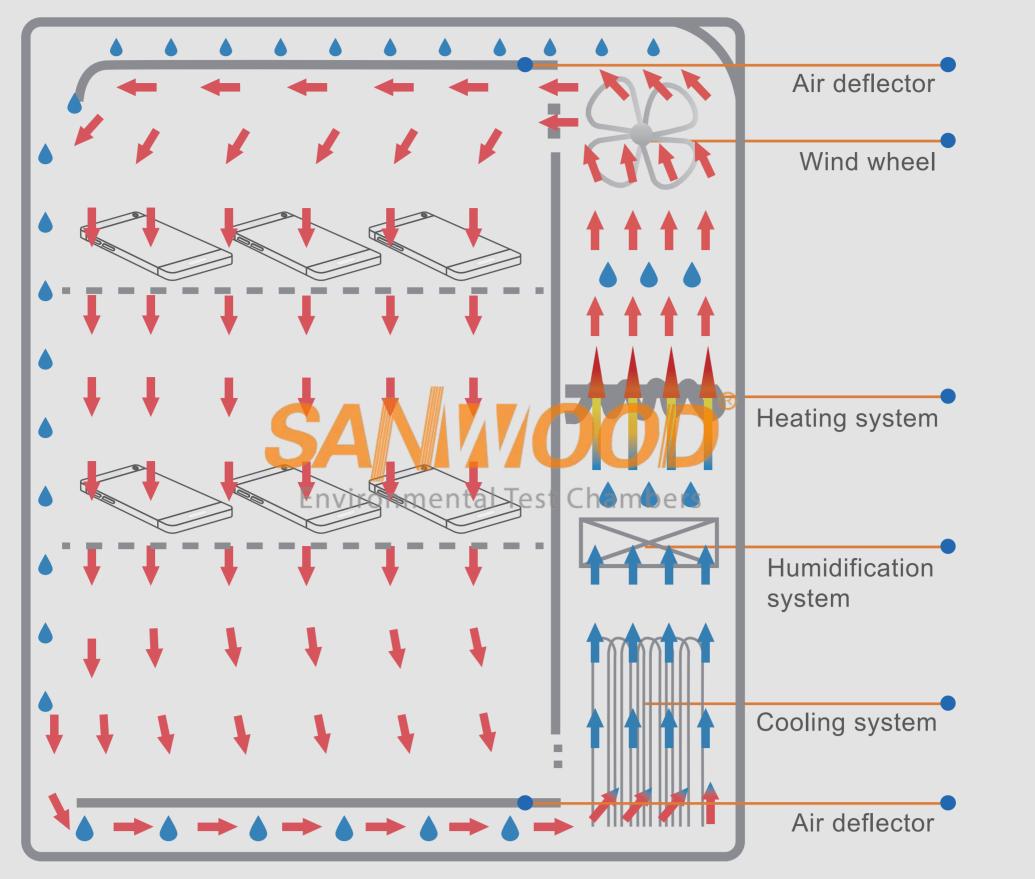


U K International Standard

Our circuit system wiring according to international standard, the layout and color of wires are complied with the international standard, and all equipped with line number to facilitate maintenance.











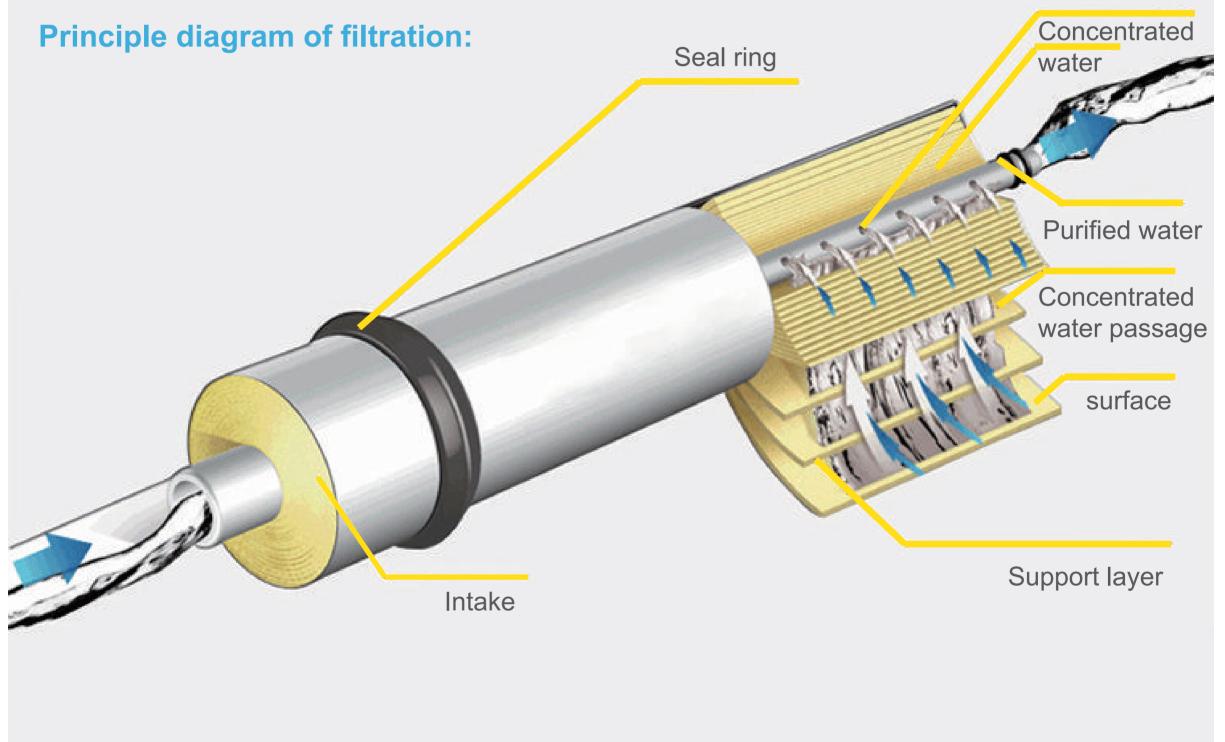
Clean energy-saving

5 levels purely physical filtration system

Effectively remove sediment, scale, bacteria, heavy metals



Production conduit



Observation window



Packaging process



Environmental chamber have passed all the inspection and ready for packing



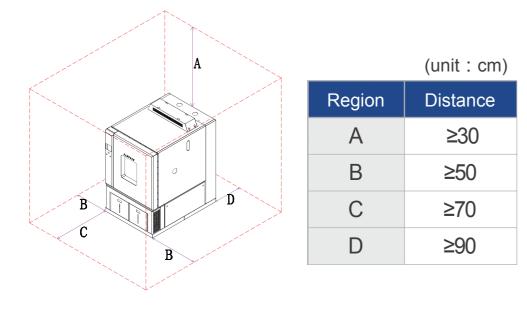
We packed with fumigation and wooden case to protect the goods from any damage

Parameter

	Model	SMC-22-CC	SMC-27-CC	SMC-64-CC
Temperature	Temperature range	-60℃~180℃ (A:0℃~180℃;B: -20℃~180℃; C: -40℃~180℃;D:-60℃~180℃)		
	Temperature fluctuation	±0.5℃		
	Cooling rate	180.0°C \sim -60.0°C Within about 100 minutes 1.0 \sim 3.0°C/min		
	Heating rate	-60.0 $^\circ\!\!\!\mathrm{C}\!\sim$ 180.0 $^\circ\!\!\!\mathrm{C}$ Within about 60 minutes 3.0 \sim 5.0 $^\circ\!\!\!\mathrm{C}$ /min		
	Temperature uniformity	±1.0°C (-40.0°C~100.0°C)		
		±1.5℃ (100.1℃~180.0℃or-40.0℃~-60.0℃)		
Humidity	Humidity range	20.0%RH~98.0%RH		
	Humidity fluctuation	±1.0% RH		
	Humidity uniformity	±2.0%RH		
Material	Internal material	SUS304 stainless steel(1.2mm)		
	External material	cold-rolled plate(1.2mm), powder coating		
	Heat insulation	poly urethane foam(100mm)+glass wool(10mm)		
	Fan 🧲	Centrifugal fan(Impeller Fan) hermetic compressor(Tecumseh)		
	Refrigeration compressor			
	Cooling mode En	nvironmental Test Chambeirscooling		
	Refrigerant	R404A、R23、R508		
	Evaporator	finned-tube exchanger		
	Heater	nickel chrome strip heater		
	Humidifier	Steam Humidifier		
Size	Interior(mm) W*H*D	300X300X250 22.5L	300X300X300 27L	400X400X 400 64L
	Exterior(mm) W*H*D	500X850X1150	500X 850X1190	600X950X1350
	Weight	85kg	105kg	105kg
Working Temperature			+5 ~ 35 ℃	
Power supply		220V/AC 50/60Hz 12A	220V/AC 50/60Hz 23A	220V/AC 50/60Hz 23A
Controller		Standard: South Korea TEMI-1500 Optional: South Korea TEMI-2500,South Korea TEMI-2700		

Installation size

Installation size



Matters needing attention

- Protect the chamber from the direct sunlight, maintain good indoor ventilation.
- Don't place the chamber against the wall, keep the chambers from the wall more than 600mm. It will good for heat dissipation, otherwise will occurred error because of overheat.
- Install the chamber in a clean and tidy room, avoid using this chamber in extreme cold, heat, dust or humidity, keep the temperature in 10 to 30, and humidity in 70+-10%.



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