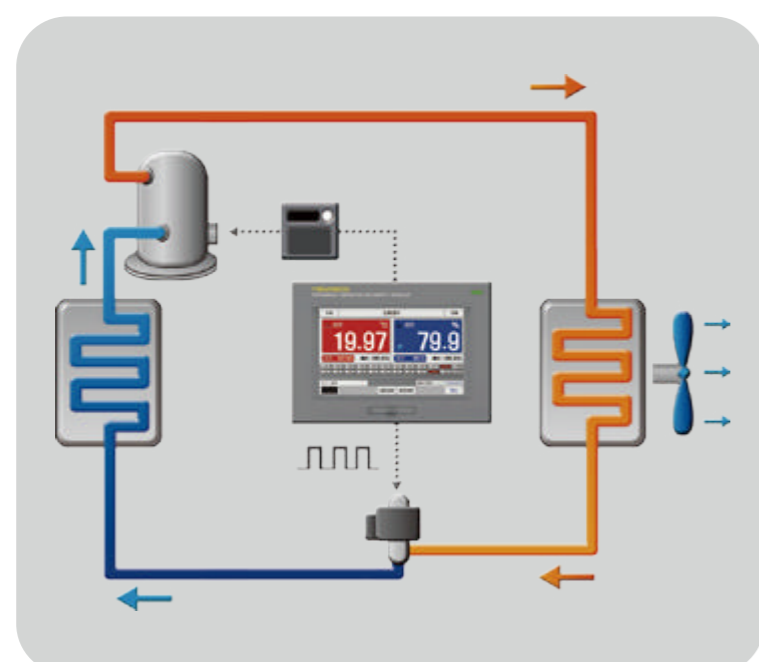


Xeno Lamp Weathering Chamber

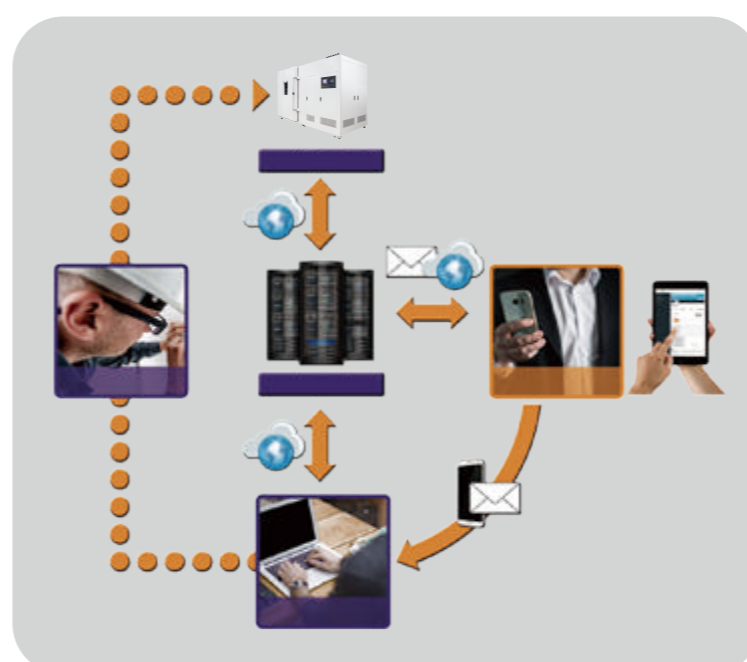


Mobile phone scan
More product information

Energy Conservation



Remote network system



Circuit System



Specifications

Model	SM-XD-400-CA	SM-XD-600-CA	SM-XD-1000-CA	SM-XD-3600-CA	
Temperature	Temperature control range	-70.0°C ~ 80.0°C (A:25°C ~ 80.0°C; B:-20°C ~ 80.0°C; C:-40°C ~ 80.0°C; D:-70°C ~ 80.0°C)			
	Temperature fluctuation	±0.5°C			
	Cooling rate	80.0°C ~ -70.0°C Within 90mins (1.0 ~ 2.0°C/min)			
	Heating rate	-70.0°C ~ 80.0°C within 60mins (3.0 ~ 5.0°C/min)			
	Temperature uniformity	±2.0°C (-40.0°C ~ 80.0°C) ±3.0°C (-40.0°C ~ -70.0°C)			
Humidity	Humidity control range	20.0%RH ~ 98.0%RH (without lighting, temp range: 20.0°C ~ 70.0°C) 20.0%RH ~ 80.0%RH (with lighting, temp range: 20.0°C ~ 80.0°C)			
	Humidity fluctuation	±2.0% RH			
	Humidity uniformity	±3.0% RH			
Lighting	Irradiance	(300 ~ 850nm) 550 ± 10% W/m², (300 ~ 850nm) 1200 ± 20% W/m²			
	Xenon lamp power	4.5KW、6kw (water-cooled all solar spectrum long arc xenon lamp)			
	Specimen rotation speed	1r/min			
	Distance between center of arc and samples	SANWOOD [®] 476 ~ 482mm			
Material / components	Internal material	Environmental Test Chambers Stainless steel (SUS304)			
	External material	Cold rolled steel sheet / powder spraying			
	Heat insulating material	100mm thickness polyurethane plate + 10mm thickness mineral wool			
	Fan	Centrifugal blower			
	Compressor	France Tecumseh, Germany Bock, Germany Bitzer			
	Condenser	Air cooling, water cooling			
	Refrigerant	R404A, R23, R508			
	Evaporator	Fin - and - Tube Heat Exchanger			
Heater	Nickel chromium alloy heating wire				
Humidifier	Steam humidifier				
Size	Inner size (mm) W*H*D	700*850*700	850*900*750	1000*1000*1000	1700*1800*1200
	Outer size (mm) W*H*D	1350*1850*980	1500*1900*1050	1650*2100*1300	3600*2300*1600
	Volume (L)	400L	600L	1000L	3600L
Operating ambient temperature	+5 ~ 35°C				
Power supply	380V AC 50/60Hz				
Controller	South Korea SAMWONTECH TEMI880 7.0 inch controller, equipped with RS232 port;				

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