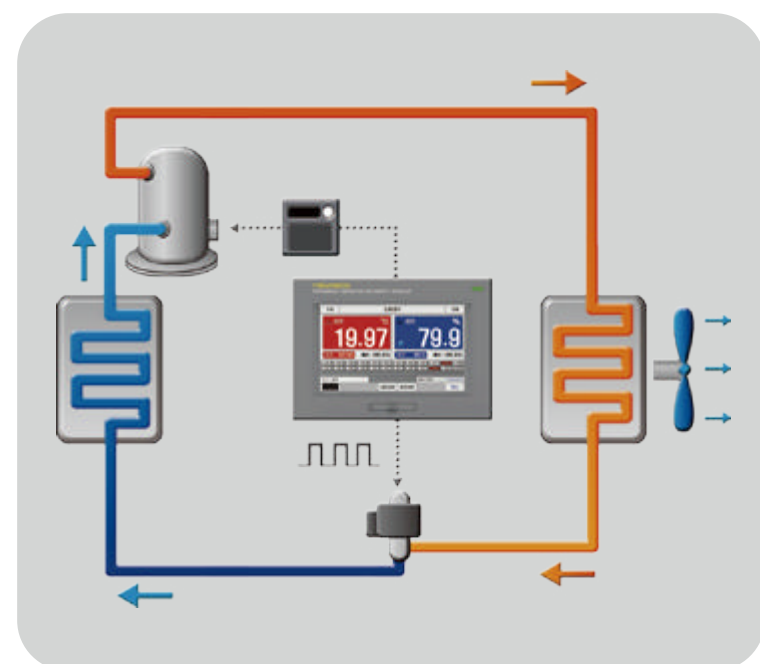


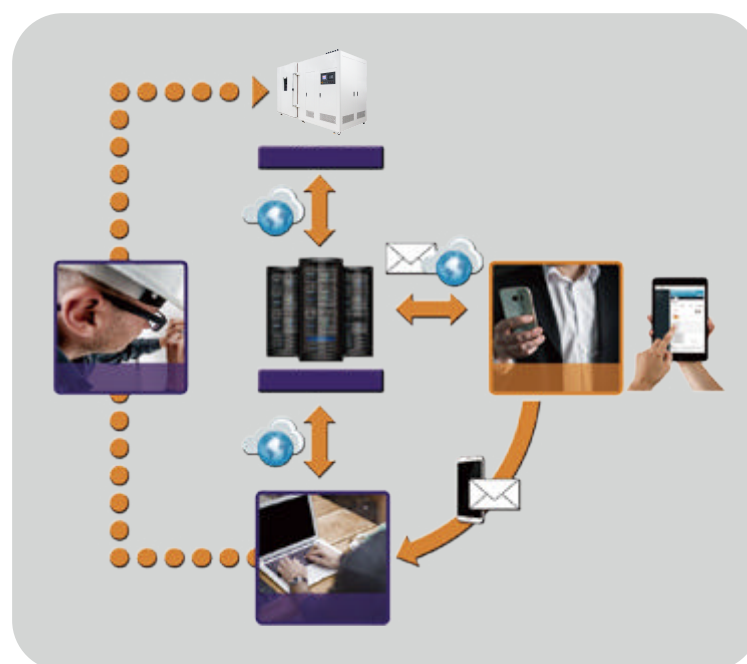
# Xeno Lamp Weathering Chamber



## 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±10W/m², (300~850nm) 1200±20W/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	476~482mm			
Material / components	Internal material	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			
Size	Heater	Nickel chromium alloy heating wire			
	Humidifier	Steam humidifier			
	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 TEM880 7.0 inch controller, equipped with RS232 port;			

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