



Xenon Test Chamber

The Xenon Aging Chamber JTH-XE is designed to simulate full sunlight spectrum to produce destructive effect on material. The chamber can simulate the light, temperature, rainfall (spray) and condensing (humidity).

Features

- LCD Touch Screen Controller, programmable of temperature, moisture, sun and rain
- Humidity: 50-98%RH
- Temperature: RT to 100C
- Light Source: Xenon Lamp
- Spray Nozzle: 2mm



Standard

- Meet ISO, ASTM, BS, SAE standard

Model		JTH-XE150	JTH-XE400
Test Room Dimension (HxWxD)		600x500x500mm	800x600x800mm
External Dimension		1800x1000x1000mm	2000x1100x1300mm
Technical Spec	Temperature Range	RT to 100C	
	Humidity Range	50-98%RH	
	Spray Time	0 to 9999min, adjustable	
	Spray Cycle	1-240mins, interval , adjustable	
	Spectral Wavelength	290-800nm (550W/m ²)	
	Light Source	Xenon lamp (air-cool) or (water cool)	
	xenon Lamp Power	2kW, 6kW	
System	Controller	LCD Touch Screen Programmable Controller; Light, temperature, humidity, spray, time are programmable	
	Accuracy	+/-1C , +/-2%RH	
	Temperature Sensor	PT100ohm	
	Humidity Sensor	Digital humidity probe	
	Heating System	S.S. heaterity	
	Humidity System	S.S. boiler	
	Blackboard Temperature	Bimetal thermometer blackboard 55-75degC	
	Water Supply	With auto water refill system with filter	
Humidity	Irradiation: 30-65%RH, Darkly: up to 90%RH		
Material	interior and exterior	304 stainless steel	
	sample holder	304 stainless steel	
	xenon glass window	radiation-proof glass window	
Protection		Phase protection, MCCB protection, short circuit, over temperature, water shortage, motor overheat and over current protection	
Power Supply		3 phase 380Vac	

* custom design available