

# TMJ-9707 Xenon-Arc Weather Chamber

## Description

The Xenon-Arc Weather Chamber is designed to test a wide range of materials in the fields of coating industries, automobile industries, construction industries, communications, textile industries, aviation, rubber and plastic industries and etc. in an accelerated test to find out the impact of sunbeam ray or wavelength equivalent to Sunlight for the lightproof and discoloration of materials. The Xenon-Arc Weather Chamber can be used in laboratory and factory environments.

## Feature

1. Specimen Rack: Diameter 680±6mm SUS#304 stainless steel rotation frame
2. Water cooling Xenon-Arc 6500W.
3. Irradiation area: 6500 cm<sup>2</sup> °
4. Fix run, programming run, exposure periods, dark periods, humidity, water spray, temperature, total tested time and total exposure energies.
5. Programmable touch screen interface controller with PLC, can be setting various test parameters and display.
6. Historical trend chart monitoring: temperature, humidity, voltage, current and irradiation.



MODEL	TMJ-9707
SPECIFICATION	
Internal (WxDxH)mm	800 x 800 x 900
External (WxDxH)mm	1360 x 1320 x 1920
Heat Exchange	Water-cooling
Light Source	6500W Lamp
Wavelength Range	300-----800nm
Irradiation Intensity	@340nm : 0.55 ± 0.05 W/m <sup>2</sup> @420nm : 2.08 ± 0.20 W/m <sup>2</sup> 300nm~400 nm : 60 ± 6 W/m <sup>2</sup> 300nm~800 nm : 577 ± 55 W/m <sup>2</sup>
Chamber Temp. Range	RT+10°C~95°C
Black Panel Temp.(B.P.T.)	89°C
Hum. Range	20%RH~98%RH
Rotating Speed	1RPM
Power	220V / 380V 1Φ