

Bench Xenon ARC Weathering Tester - Touchscreen



HMI Based Touch Screen

Model No. EFUAW - 852

Bench Xenon ARC Weathering Tester is a consistent tool that reproduces and is useful for checking the damage caused by sunlight, rain and dew. This instrument provides simulation of accelerated ageing and designed to assess the ability of molded/extruded rubber products to various environmental factors by using UV lamps, water spray and fluorescent lights. Xenon arc Accelerated Weathering tester is manufactured under various standards ISO 4892-2, ASTM D4329-13, ASTM D4587-11, and ASTM G-151-10.

- Excellent system control with latest HMI touchscreen
- Maintains rapid resumption of Xenon lamp during continuous circulation
- Temperature setting and Preset Timer functions incorporated in HMI for accuracy and repeatability.
- Program profile for selecting test parameters and performing the test.
- Current test running status display
- Xenon Lamp to simulate short-wave ultraviolet part of sunlight
- Digital display of test time, chamber temperature, spray time, accumulated time.
- Fully automatic test cycle after settings through Touch Screen control

Specifications:

Xenon Lamp	A 1.8KW iXenon lamp
Fliter	Daylight filter or Windows Glass filter
Lamp Lifetime	1,500~2,000 hours
Exposure Area	1,000 cm ²
Capacity for Standard specimen (150×70cm)	9 pieces
Adjustable Irradiance range	0.5~2.0 W/m ² (Single point of control: 340nm) 0.35~1.0 W/m ² (single point of control: 420nm) 50 W/m ² ~120 W/m ² (Full spectrum:from 300~400nm)
Adjustable testing temperature range	RT+30?~80?
Power Supply	220V 50/60HZ;12A
Max. Rated Power of Chamber	2.5 KW
Dimension (L×W×H)	780×580×1,040 mm
Net Weight	97 KG
Tem. Range	Ambient +5 ~ 75 °C

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