
Xenon Aging Test Machine

EQUIPMENT DETAILS:



GENERAL SPECIFICATIONS

Packaging Dimensions: (WxDxH) 1550*1450*2050mm

Power supply source: three-phase, 380V±10%, 50Hz (can be appointed)

Gross Weight: 400kg

Main Parameter:

Item	Specification
Internal Dimension (W*D*H)	700*500*600mm
External Dimension (W*D*H)	1350*1300*1850mm
Internal chamber material	SUS 304 # Stainless Steel, anti-rust
External chamber material	Cold-rolled steel with spray
Chamber humidity range	55%~90% RH
Chamber temperature	35°C~90°C
Black panel temperature	45°C~95°C, adjustable
Temperature uniformity	≤±3°C
Filter	Window glass filter / daylight filter
Light source	Air cooled long arc xenon lamp
Xenon lamp power	1.8KW * 3pcs = 5.4KW
Irradiance strength	0.51W/m²@340nm
Control system	LCD programmable controller, Auto display irradiance, capacity: 100 groups program, 99 cycles.
Illumination time	1~999 hours, adjustable
Water spray system	Water spray time 999 minutes settable Interval spray time, 1~240 minutes settable
Sample holder	Stainless steel, 1pc
Distance from sample holder to lamp	250~300mm
Heating	Nickel-chromium alloy electric heater
Humidification power	Stainless steel surface evaporative humidifier
Insulation materials	Supper fine glass fiber
Temperature sensor	PT100 high precision sensor
Air circulation system	Stainless steel centrifugal rotor vane to improve the uniformity of temperature and humidity
Standard accessories	Xenon lamp x 3pcs; Humidification cotton x 5pcs; English user manual x 1pc; Operation video x 1pc

Main Feature:

- 1, Ventilation system: Automatic controlled by temperature controller, and inner chamber cooled by refrigerating system
- 2, Back panel thermometer: adopt wired transmission technology, which highly improve the control accuracy.
- 3, Temperature sensor: PT100 platinum resistance thermocouple.
- 4, Equip with intelligent temperature and humidity controller, with PID adjustment and rapid self-turning. It can set several parameters to do cyclic test, directly digital temperature display for easy reading.
- 5, Multiple protective devices: Over temperature protection, water leakage alarm, over pressure of compressor, electricity leakage protection, alarm and auto power offer protection. In order to protect Xenon light, the light will turn off automatically once open the door.

DETAIL IMAGES:

