

SL-E10 UV Accelerated Weathering Testing Machine

Product introduction

(UV), which is used to control the damage of the material, such as discoloration, brightness, strength, cracking, peeling, pulverization, oxidation, etc., in combination with temperature, High temperature, high humidity, condensation, dark rain cycle and other factors, while the synergies between ultraviolet light and moisture makes the material a single light resistance or a single ability to reduce or failure of wet resistance, which is widely used for material resistance Climate performance evaluation, equipment has to provide the best sun UV simulation, the use of low maintenance costs, easy to use, the equipment used to control the automatic operation, the test cycle of high degree of automation, light stability, test results, high reproducibility.

Structural material

Test chamber space	300 × 1100 × 400mm
Dimensions	500 × 1300 × 1480mm
Unit material	304 stainless steel inside and outside
The sample rack	aluminum frame as the board
Control device	RKC intelligent controller
Irradiation tube	UVA-340 8 each side of a total of 4 sides

power leakage circuit breaker control circuit overload short-circuit alarm, over-temperature alarm, water protection

Technical parameters

The temperature range	RT +10 °C ~ 70 °C
The humidity range	≥ 90% RH
The temperature uniformity	± 1 °C
The temperature fluctuation	± 0.5 °C
The center distance of	70mm

the lamp	
The distance between the test object and the lamp	50 ± 3mm
Irradiance	1.0W / m ² adjustable
Light, condensation, spray test cycle	adjustable
Lamp	L = 1200 / 40W, 8 (UVA service life of more than 2000h)
The controller	RKC intelligent controller
Temperature control mode	PID self-integer SSR control
The standard specimen size	75 × 290 × 120mm (special specifications need to be described in the contract)
Sink water depth	25mm automatic control
Effective irradiation area	900 × 210mm
UV wavelength	UVA range of 315-400nm
Test time	0 ~ 999H (adjustable)
Irradiation blackboard temperature	50 °C ~ 70 °C
The standard sample rack	24 pay
The unit has an automatic sprinkler function	