ponpe
INSTRUMENTS

Xenon Test Chamber

Touch Screen Microprocessor Controller (with timing function)

More real xenon lamp

• The xenon arc lamp reoccurs the full solar spectrum vividly which include ultraviolet, visible light and red light. With high quality lamp and the use life up to 1200~1500 hours.

Fast test results

• It can accelerate the aging experiment to achieve the effect of rapid aging.

Enhanced mirror illuminate

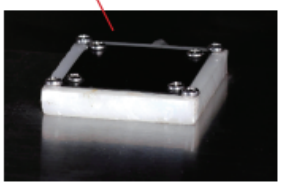
• Polished stainless-steel chamber makes the exposed area large enough and uniformity, enhanced the light irradiance and shorten the exposure time of sample.

Automatic Irradiance Control System

• It could real time monitor and control the light intensity to ensure the repeatability of th results, The control point of irradiance could choose 340nm, 420nm or 300~400nm.

Automatic Blackboard Temperature Monitor and Control

• B-SUN uses the blackboard temperature sensor monitor the exposure temperature of s accurately. (Cooling way: air cooling).



Blackboard thermometer

Easily calibrate light sensors

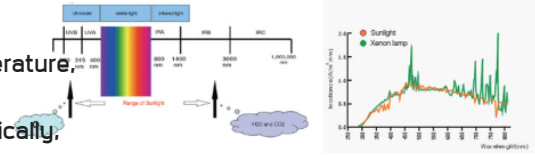
• Irradiance sensors need to be regularly calibrated by the user. The illuminometer must be compatible with the B-SUN.

Control system easy to operate and stable

• 9.7 inch touch screen, easy to understand and operate.Irradiation, blackboard temperature, rain cycle and so on could be easily set and display.

• Touch screen can display all parameters and diagnose the fault information automatically, With over-temperature protection and over-load protection.

• It provides referring and setting related industry standards. (could set 10 periods)



The spectrum of sun and Xenon lamp

Specifications

Model	PONPE B-SUN-I	PONPE B-SUN-II
Working chamber Dimension(WxDxH,mm)	320x320x320	
Exterior chamber Dimension(WxDxH,mm)	890x580x590	
Control system	Siemens PLC	
Program function	4 groups standard program built-in and 2 grous program can be set	
Sample area	930cm^2	
Sample surface temperature monitoring	blackboard temperature automatic control by sensor	
Irradiance control	340nm,420nm or 300nm-400nm Wavelength automatic control (standard with@340nm High-precision sensors)	
Spraying system	NO	Yes
Lamp cooling method	air cooling	
Sample shelf type	Flat plate type	
Lamp	Standard lamp tube, or Atlas lamp tube(optional)	
Electrical requirement	3500W	
Power consumption	220V, 50Hz	

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