

# Xenon Tester Chambers PSPL 867



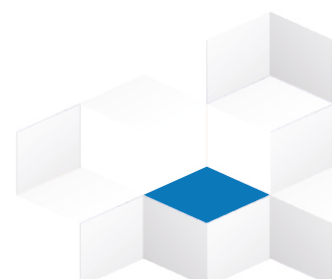
## Model No. PSPL - 867

Polymer materials are usually get damaged due to the natural environmental factors which form due to the atmosphere and earth's surface when it is used for years outdoor which directly affect the life of the products. In order to measure the actual life of the polymers when placed years outside, Presto offers various environmental testing equipment to create natural climatic conditions of different types. These instrument helps to study the weather resistance of products when place under the different weather in the laboratory. It is the highly cost-effective method which is widely used to measure the quality of the polymers.

The accelerated weathering test provides two sources of lights namely Xenon lamp and Fluorescent UV lamp. Fluorescent UV lamps are used to create the ultraviolet part of full sunshine; hence it is comparatively difficult to get the reliable testing results all the time when samples are exposed. Additionally, the xenon lamps are used to evaluate the actual life of the polymers as these lamps offer higher feasibility. These lamps are completely filled with Xenon and send the lights because of xenon discharge. A xenon lamp offers stable spectrum distribution and provides an output in the form of steady light energy.

## Features:

- Easy to operate
- The testing machine provides highly accurate and reliable test results.
- The machine is provided with a user manual and a compliance certificate that are perceptible to NABL approved labs.
- The instrument strictly adheres to various national and international standard test methods that are provided by different standardization authorities.



#### Specification:

Xenon Lamp	Three 1.8KW Xenon lamp
Fliter	Daylight filter or Windows Glass filter
Lamp Lifetime	1,500 ~ 2,000 hours
Exposure Area	2,800 cm <sup>2</sup>
Capacity for Standard specimen ( 150×70cm)	24 pieces
Adjustable Irradiance range	0.5 ~ 2.0 W/m <sup>2</sup> (Single point of control: 340nm) 0.35 ~ 1.0 W/m <sup>2</sup> (Single point of control: 420nm) 50 W/m <sup>2</sup> ~ 120 W/m <sup>2</sup> (Full spectrum :from 300 ~ 400nm)
Adjustable testing temperature range	RT+30? ~ 90?
Power Supply	220V 50/60HZ; 36A
Max. Rated Power of Chamber	6 KW
Dimension (L×W×H )	940×940×1,735 mm
Net Weight	400 KG

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