



**Presto Stantest Pvt. Ltd.**

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## Xenon Weathering Test Chamber PSPL 866



### Model No. PSPL - 866

Presto offers different types of environmental testing instruments to create actual weather conditions of various kinds. One of the best environmental test equipment introduced by Presto is Xenon 866. The test equipment helps to examine the weather resistance of polymers when placed under different climatic conditions that are created in the laboratories. It is the highly cost-effective method which is used to measure the quality of the polymers.

The accelerated weathering testers are usually equipped with two types of lights namely, Fluorescent lamps and Xenon lamps. Out of these two lamps, xenon is widely used as they are highly feasible. The xenon lamps are used to measure the actual life of the polymers. These kinds of lamps are filled with xenon and discharge high volume of xenon hence produces sufficient amount of sunshine to measure the effect of heat on the polymers. These lamps offer stable spectrum distribution and offer steady light energy.

### Features :

- Easy to operate
- Offers highly reliable and accurate test results
- Supplied with a user manual and conformance certificate which is traceable to NABL approved labs
- Strictly adheres to various national and international standard test methods.





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## Specification:

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 <sup>2</sup>
Capacity for Standard specimen ( 150×70cm)	9 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? ~ 80?
Power Supply	220V 50/60HZ; 12A
Max. Rated Power of Chamber	2.5 KW
Dimension (LXW×H )	780×580×1,040 mm
Net Weight	65 KG

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