

UV SPOT CURING SYSTEM

UVSPOT is designed for operations that require flexibility, high performance/very high intensity and reliability. Its optics/UV was engineered for maximum efficiency in the delivery of UV energy through a light guide. Its design also ensures that not much heat will be transmitted. UV Spot has a lamp life expectancy of 2000hrs and a maximum intensity of 13,000mW/cm². Maintenance free and with slow degradation, it will have low lamp replacement rate. This results in good productivity and reliability in the production process.

Features

Long Lamp Life of 2000hrs

The system is designed with an optimized cooling system and an efficient optics design. This enables the lamp to be cooled and maintain at a proper temperature for best performance. Degradation of the lamp is slow and gradual and even at 2000hrs significant intensity can still be obtained from the lamp.

Timer Controlled Shutter

UV Spot has a programmable shutter for user to vary or set a certain intensity value. This setting can be easily done through the LCD interface. Values from 1 to 100% can be set.

Quick-change Lamp

The unique feature of the system is in its quick changing of lamp. The lamp can be easily accessed by removing a side panel just by loosening a single thumbscrew.



Specifications

Lamp Rating	100W
Power Supply	220VAC (110 VAC optional), 5A (max), solid state
Lamp Life	Up to 2000 hours
Shutter	Programmable
Intensity	>13,000mW/cm ² (as measured directly on a UV meter)
Lamp Spectral Range	250-600 nm
Light Delivery	High Efficiency Liquid Light Guide, Triple & Quad- Pole Light Guides with various lengths Dimension (in cm) 27 (L) X 30 (H) X 13 (W)
Weight	6.8 kg