

Solid State UV Spot Light

Product Description

Agiltron's Solid State UV Spot Light uses high power UV LED as light source for curing UV adhesives. Major advantages offered compared to traditional lamp based systems include: long life, low power consumption, and compact size. Agiltron's high-efficiency heat transmission design enables a continuous UV cure operation up to one hour.

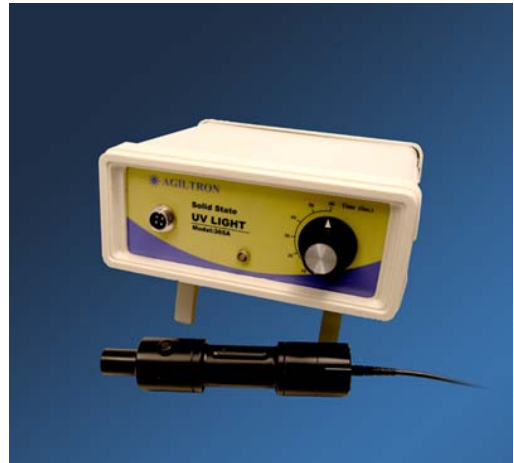
Features

- Long Operation hour
- High Power
- Compact
- Low Cost

Agiltron's superior optical design achieves high light coupling efficiency exceeding 85% and uniform light spot intensity.

The easy to use device can be switched on/off by either a finger press button on the cure head or an optional foot switch.

The exposure time is adjustable.



Performance Specifications

Parameter	Description	Unit
Wavelength	365±5, 385±5	nm
UV irradiance	4.0 – 5.0 *	W/cm ²
Cure time	Max. 60 Sec. or 60 Min	
UV spot size	Φ4	mm
UV cure distance	20	mm
Cooling method	air blowing	
Operation life	10,000	hours

* Average intensity over the spot size Φ4mm at working distance

Applications

- UV adhesive cure
- UV coating



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Electrical Specifications

Component	Parameter	Unit
Power supply	AC 100 ~ 240	V
Fuse	0.5	A

Mechanical Footprint Dimensions

Component	Dimensions	Unit
UV cure head	Φ30 x 142	mm
Driver	160 x 150 x 80	mm



Ordering Information

SUVA-	Package	Wavelength	Beam Size	UV Power	UV Head Cord Length		Cure Timer	Foot Switch
	Standard = 01 Special = 00	365 nm = 1 385 nm = 2	Φ4 mm = 1 Special = 0	Standard = 1 Special = 0	1.5 m = 1 Special = 0	0	1~60 Min = 1 10~60 Sec = 2 Special=0	Yes = 1 No = 0

STANDARD CONFIGURATION

SUVA-011111011 A UV Cure Head (365 nm, Φ4 mm beam size, 1.5 m head cord and 1~60 Min. cure timer), a driver and a foot switch.

*Please contact Agiltron to discuss special configurations.
Replacement parts can be ordered separately.*



Revised
07-24-14