

Solid State UV Curing Light

Product Description

This Solid State UV Light uses high power UV LED as light source, providing low cost, long operation life, low power consumption, and compact size advantages over traditional lamp based alternatives. Agiltron's design achieves high light coupling efficiency exceeding 85% and well-distributed light spot intensity. The exposure time and UV light power are adjustable.

Features

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

The device can be switched on/off by both a finger push button and a foot press switch. Multiple UV curing headers and battery power versions are also available. The UV head is cooled by a quiet mini cooling fan and able to operate continuously for longer time. This light source is designed to conveniently and economically cure UV epoxy of various types.



Performance Specifications

Parameter	Description	Unit
Wavelength	365 or 385	nm
UV irradiation intensity	2.6 *	W/cm ²
Cure time	10 ~ 600 or longer	second
UV spot size	Φ4	mm
UV cure distance	12 ~ 16	mm
Cooling method	air cooling/fan blowing	NA
Operation life	30,000	hour

* Average intensity over the spot size Φ4mm.

Applications

- Cure adhesive
- Coating



Solid State UV Light (Model: 365A)

Recommended UV Epoxy

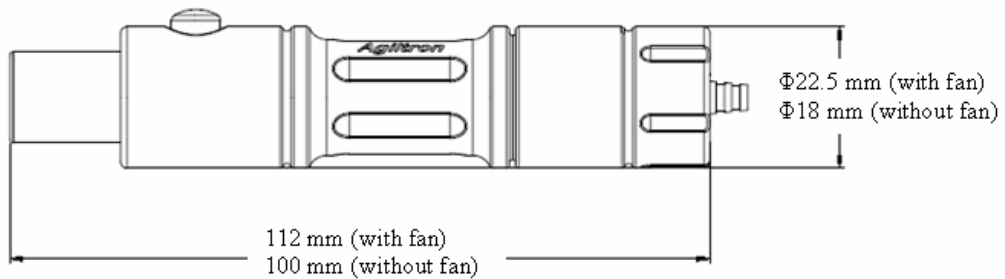
Supplier	Part Number
Loctite	3972
Epoxy Technology	OG603
Fiber Optic Center	AB9047, DSM956-105

Electrical Specifications

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

Mechanical Footprint Dimensions (mm)

Parameter	Description	Unit
UV cure gun	Φ22.5 x 112 (with fan) Φ18 x 100 (without fan)	mm
Electrical box	160 x 150 x 80	mm



Ordering Information

SUVL-	Type	Wavelength	Package	UV Power	Cooling fan	Foot Switch
[0] [] [] [] [] [0] [0] [] []	Standard = 01 Special = 00	365 nm = 1 385 nm = 2	Standard = 1 Special = 0	Standard = 1 Special = 0	Yes = 1 No = 0	Yes = 1 No = 0

