

BUY NOW 

4-Head Solid-State UV Spot Light

Product Description

The 4-Head Solid-State UV Light uses high power UV LEDs as light sources for curing UV adhesives. Major advantages offered compared to traditional lamp based systems include: long life, low power consumption, and compact size. Our superior optical design achieves high light coupling efficiency exceeding 85% and uniform light spot intensity.

Each head can be switched on/off either individually by front panel controls or simultaneously by an optional foot switch. The cure time and UV output power can be set independently. Each LED head features an integrated cooling fan.

Features

- Up to 18 hrs. continuous operation
- Compact
- High Power
- Low Operating Cost
- Long Operation Life



Performance Specifications

Parameter	Description	Unit
Wavelength	275, 365±5, 385±5, 405, 440	nm
UV irradiance	2.0 ~ 3.2 *	W/cm ²
Cure time	1s to 18 hr	
UV spot size	Φ4	mm
Working distance	20	mm
Cooling method	forced air, fan	
Operation life	30,000	hours

* Average intensity over the spot size Φ4mm at working distance.

Applications

- UV Adhesive Curing
- UV Irradiation Experiments



4-Head Solid-State UV Spot Light (Model SUV-03)

Recommended UV Epoxy

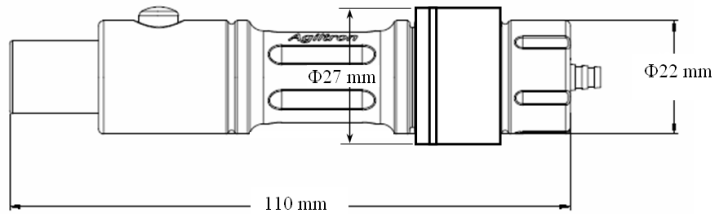
Supplier	Part Number
Loctite	3972
Epoxy Technology	OG603, OG198
Fiber Optic Center	AB9047, DSM956-105

Electrical Specifications

Parameter	Description
AC adaptor input	100 ~ 240 VAC, 50/60 Hz
Controller supply input	12 V DC, 5A

Mechanical Footprint Dimensions

Component	Dimensions	Unit
UV LED head	Φ22 x 110	mm
Controller	120 x 85 x 200	mm



Standard hardwired cable is 1.5 m long.

*Product dimensions may change without notice. This is sometimes required for non-standard specifications.

Ordering Information

SUVA-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Type	Head 1	Head 2	Head 3	Head 4	Head Holder	Cooling Fan	Foot Switch	
4-Head = 03 Special = 00	Non=0 365 nm = 1 385 nm = 2 405 nm = 3 440 nm = 4 275 nm = 5	Non=0 365 nm = 1 385 nm = 2 405 nm = 3 440 nm = 4 275 nm = 5	Non=0 365 nm = 1 385 nm = 2 405 nm = 3 440 nm = 4 275 nm = 5	Non=0 365 nm = 1 385 nm = 2 405 nm = 3 440 nm = 4 275 nm = 5	Non=0 365 nm = 1 385 nm = 2 405 nm = 3 440 nm = 4 275 nm = 5	Non = 0 1=1 2=2 3=3 4=4	Standard = 1 Special = 0	Yes = 1 No = 0

