

Hand-Held LED Array UV Flood Light

Product Description

Agiltron's Hand-Held LED Array UV Flood Light produces a large rectangular UV beam with high power intensity for curing large area UV adhesives and coatings. It is compact, lightweight and user-friendly featuring low power consumption. Together with a long operation life, the high power LED device provides marked advantages over traditional lamp based alternatives. Agiltron's superior optical design achieves high light coupling efficiency of more than 85% as well as a well-distributed beam intensity.

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

Highly efficient heat dissipation allows the UV cure head to operate continuously for more than 30 minutes.

The exposure time and UV light power are adjustable.



Features

- Portable
- High Power
- Low Operating Cost
- Long Operation Life

Performance Specifications

Parameter	Description	Unit
Wavelength	365±5, 385±5, 405	nm
UV irradiance	0.4 *	W/cm ²
Cure time	Adjustable	seconds
UV spot size	50 x 100	mm
Working distance	15 ~ 25	cm
Operation life	40,000	hours

* Average intensity over an area of 50 x 100 mm at working distance.

Applications

- Large area UV curing
- UV irradiation experiments



Hand-Held LED Array UV Flood Light (Model SUV-05)

Electrical Specifications

Component	Parameter	Unit
Power supply	AC 100 ~ 240	V
Fuse	2.0	A

Mechanical Footprint Dimensions

Component	Dimensions	Unit
Curing head	80 x 120 x 140	mm
Controller	130 x 140 x 260	mm



Ordering Information

SUV-	<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	Wavelength	Lens	UV Power	UV Head Cord Length	Handset	Cooling Fan	Foot Switch
	Flood = 05 Special = 00	365 nm = 1 385 nm = 2 405 nm = 3	Standard = 1 Special = 0	Standard = 1 Special = 0	1.8 m = 1 Special = 0	Yes = 1 No = 0	Standard = 1 Special = 0	Yes = 1 No = 0

STANDARD CONFIGURATION

SUV-051111111 Flood Light (365 nm) with standard lens, 1.8 m cable, handset, fan and foot switch

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

