

IUV101

IUV101 LED UV Spot Lamp for Handheld UV Light Curing

Description

The handheld **IUV101 LED UV Curing Spot Lamp** offers portability, precision and power for concentrated curing of [UV Light Curable Adhesives](#). High intensity LEDs generate curing energy that can focus UV light precisely on the spot where the adhesive is to be cured, aiding accuracy and control. Each spot lamp comes with a pair of safety glasses included.

Features & Benefits

- High Intensity of up to 2,000 mW/cm²; quickly cures a variety of materials
- Handheld and easily portable
- Instant on/off; no warm-up period
- Consistent high intensity
- Everything you need to get started comes in the box

Applications

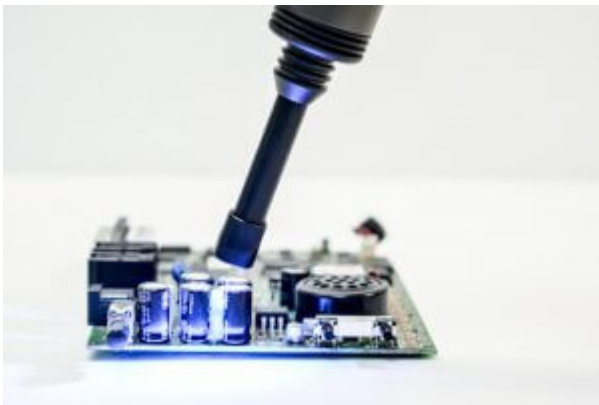
The IUV101 is solely intended for use in industrial environments, such as workshops, assembly lines and laboratories. Applications include:

- Glass assembly and bonding
- Wire tacking
- Electronic component ruggedisation

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- Lens and optical bonding
- Curing of UV polymers for other applications
- Non-destructive testing
- Fluorescence excitation



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Specifications

Wavelength	370nm (suitable for adhesives and polymers responding to 360nm – 380nm)
Intensity	Up to 2,000mW/cm ²
Lens diameter	8 mm
LED type	20 W
LED service life	Up to 15,000 hrs
Internal operating voltage	5VDC
Dimensions (WxHxD)	145 x 135 x 30 mm
Weight	350g
Operating temperature	+ 10 up to + 35 °
Rel. humidity	<75% (<30°C) <50% (>30°C)
Operating altitude	Max. 2,000 m

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Storage temperature	-10 up to +60 °C
Power supply	110-240 VAC 50-60 Hz

Other Information

Our [Technical Articles & White Papers](#) page has links to:

- [Article: Case Histories of Light Curing Adhesives in Electronics Manufacturing](#)
- [Article: Advances in Light Curing Adhesives and Coatings Lead to Process and Quality Benefits in Electronics Manufacturing](#)

Supplied by:

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