

IUV101 handheld LED UV curing spot lamp

Description

Bringing portability, precision and power to UV curing

To improve UV curing options available for the medical, industrial, electronics, automotive and optical industries, we have launched the [IUV101 LED UV Spot Lamp for Handheld UV Light Curing](#). The new 370nm handheld spot lamp offers up to 2,000 mW/cm² intensity in a cost-effective and portable package. It enables industry to cure UV adhesives that respond to long wave UV-A wavelengths between 360nm and 380nm efficiently, economically and easily.

UV curing spot lamps allow rapid curing of adhesives, typically in less than ten seconds but in many cases even quicker. A reduced curing time improves productivity and reduces production costs. UV curing lamps based on LED technology will do this in a more energy efficient way than conventional broad spectrum UV curing lamps.

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Using the **IUV101 LED curing lamp**, designers and engineers can focus UV light precisely on the spot where the adhesive will be cured. The device has no warm-up period, offering consistent high intensity with an LED service life of up to 15,000 hours. The **IUV101** spot lamp comes with everything the user needs to get started, including a pair of safety glasses.

The **IUV101** is suitable for industrial environments, including workshops, assembly lines and research and development laboratories. The spot lamp is suited to both high and low volume applications that include glass assembly, electronic component ruggedisation, wire tacking and lens bonding. There are potential uses in non-destructive testing and fluorescence excitation.

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The **IUV101** offers all the benefits of a handheld LED UV curing lamp without any compromise on power. With intensity up to $2,000 \text{ mW/cm}^2$, this spot lamp is a significant development for a piece of equipment this size. This product could deliver significant benefits to industry, particularly for those

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performing delicate or intricate tasks like printed circuit board assembly. This technology is bringing portability, precision and power in an affordable, handheld UV curing spot lamp.

The **IUV101** will work optimally with [UV curable adhesives](#) that respond to long wave UV light (typically around 365nm). For more information on which adhesive and which UV curing equipment is best suited to your process, contact one of our Product Specialists on 01865 842842.

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