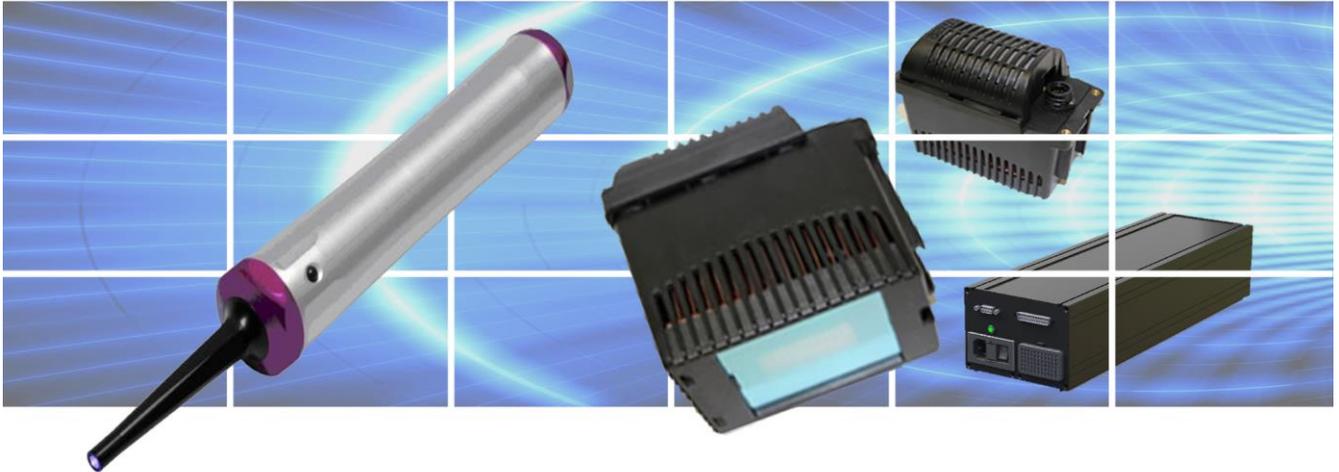


Polytec PT UV Curing Lamps



Adhesives that can be cured in seconds with UV light have been standard in industrial manufacturing for some time. Discharge lamps having a relatively wide emission spectrum used to be the standard technology. These days, LED is the leading UV technology for fast and reliable curing of adhesives for the following reasons:

- **High intensity, yet compact dimensions**
- **Long lifetime (20,000 h and more)**
- **No warm-up**
- **No substrate heating**
- **Narrow, well-defined emission spectrum**
- **High energy efficiency**

Polytec PT offers UV LED sources for serial manufacturing processes as well as for manual or semi-automated production. Polytec lamps feature high light intensity, despite their compact dimensions.

Polytec UV Adhesive Range

Polytec PT offers a comprehensive range of UV-curing and dual-curing adhesives (UV plus second curing by heat or moisture) for a wide variety of applications. Our products are formulated so that they can be cured at either 365 nm or 395 nm.

Polytec PT GmbH

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Polytec PT UV Curing Lamps

Polytec UV LC-5

The Polytec UV LC-5 is a hand-held LED lamp for use in industrial manufacturing but also for manual applications. The robust UV LC-5 features a high-capacity battery that can be recharged simply by connecting the lamp to a power outlet or a PC with a USB cable. Simple to use and small enough to fit in your pocket, the Polytec UV LC-5 provides enough light intensity to guarantee fast curing times.



Polytec UV LC-5 Specifications

Dimensions	Length 185 mm, diameter 27.5 mm
Weight	100 g
Wavelength	365 nm
Output power	200 mW
Light emitting area	5 mm diameter
Rechargeable battery	Li-ion / 3,6 V, 2,250 mAh
Charging time	5.5 h (with fully discharged battery)
Operating time	3.5 h (with fully charged battery)

Polytec UV LC-420

The Polytec UV LC-420 is an LED flood lamp featuring an impressive light intensity of 4 W/cm² in a compact housing. The high power of the UV LC-420 gives you fast curing times, but also offers flexibility in the choice of working distance. This allows for reliable illumination of areas usually requiring much larger and more expensive equipment.

The UV LC-420 comes with a power control unit and all necessary cables.

Other types and sizes are available upon request.



Polytec UV LC-420 Specifications

Dimensions	Length 86 mm, width 54 mm, height 79 mm
Weight	320 g
Wavelength	395 nm
Output power	4 W/cm ² (at 1 mm from the lamp)
Light emitting area	30 x 14 mm
Cooling	Fan

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