



## UVAHAND LED

Mobile and long-lived

### System-Features

- high intensity
- homogenous intensity distribution
- long service life
- different wavelengths
- handy and lightweight
- for all current supply voltages and frequencies

### Advantages

- excellent production results within seconds
- multi-functional
- reliable and long-living
- no warm-up
- no standby time
- low power consumption

## UVAHAND LED – mobile and long-lived

UVAHAND LED is a **high-intensity hand-held UV lamp**. It is easy to transport, ergonomically designed and **ideal for mobile use**.

Its intensive irradiation ensures reliable production results within seconds. A homogeneous intensity distribution is guaranteed by the arrangements of the LEDs.

The typical service life of a LED is longer than 20.000 hours\*. The UVAHAND LED can be switched on and off as often as necessary. It does not require a warm-up or cooling phase.

It is available with emitted wavelengths of 365 or 405 nm +/- 10 nm. This allows an adaption of the hand lamp to the respective application.

### Flexible applications

UVAHAND LED is especially apt for curing UV reactive adhesives and sealants.

Due to its high intensity at 365 nm UVAHAND LED delivers reliable results for fluorescence tests.

### Fields of application

- curing of UV reactive adhesives when joining glass, plastics and metals
- curing of UV reactive compounds on electrical and electronic components
- production and repair of plastic parts with UV curing polyester resins

- particle control in clean rooms
- authenticity testing
- fluorescent testing for quality control purposes in mechanical engineering, aircraft, textile and printing industry



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### Practical and safe

UVAHAND LED does not need any external power supply. The lamp unit is directly connected to the mains supply and thus can be used very flexibly.

**High-strength aluminium and polycarbonate lamp housings** make UVAHAND LED a very durable product. A strong carry case is available for safe transportation.

### Technical Data

Power supply	110 - 230 V ± 10; 50 - 60 Hz
Intensity (**)	365 nm: 130 mW/cm <sup>2</sup> 405 nm: 300mW/cm <sup>2</sup>
Dimension of output window	137 x 75 mm
Weight lamp unit	1,8 kg
Power input	64 W

\*) typical service life under specified operating conditions

\*\*) measured with Höhle UV Meter



Curing
Drying
Bonding
Potting
Measuring