



**LED**

## **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
- Multifunctional
- 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 arrangement 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



UVAHAND LED

### 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 robust carrying case is optionally available for safe transportation.

### Technical data

Power supply	90 - 264 V AC / 47 - 63 Hz
Intensity **)	365 nm: 200 mW/cm <sup>2</sup> 405 nm: 350 mW/cm <sup>2</sup>
Dimension of output window	137 x 75 mm
Weight lamp unit	1.9 kg
Power input	70 W

\*) Typical service life under specified operating conditions

\*\*) Measured with Höhle UV Meter and LED surface sensor, distance 20 mm



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