honle group

honle uv technology

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 LED-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.

The high intensity at 365 nm enables 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 plant engineering, in the aviation industry (certificated according to ASTM E3022 and other certifications on request), as well as in the 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/cm² 405 nm: 350 mW/cm²
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 Hönle UV Meter and LED surface sensor, distance 20 mm

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