honle group

honle uv technology

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 mm. 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 strong carry case is available for safe transportation.

Technical Data

Power supply	110 - 230 V ± 10; 50 - 60 Hz
Intensity **)	365 nm: 130 mW/cm² 405 nm: 300mW/cm²
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 Hönle UV Meter

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