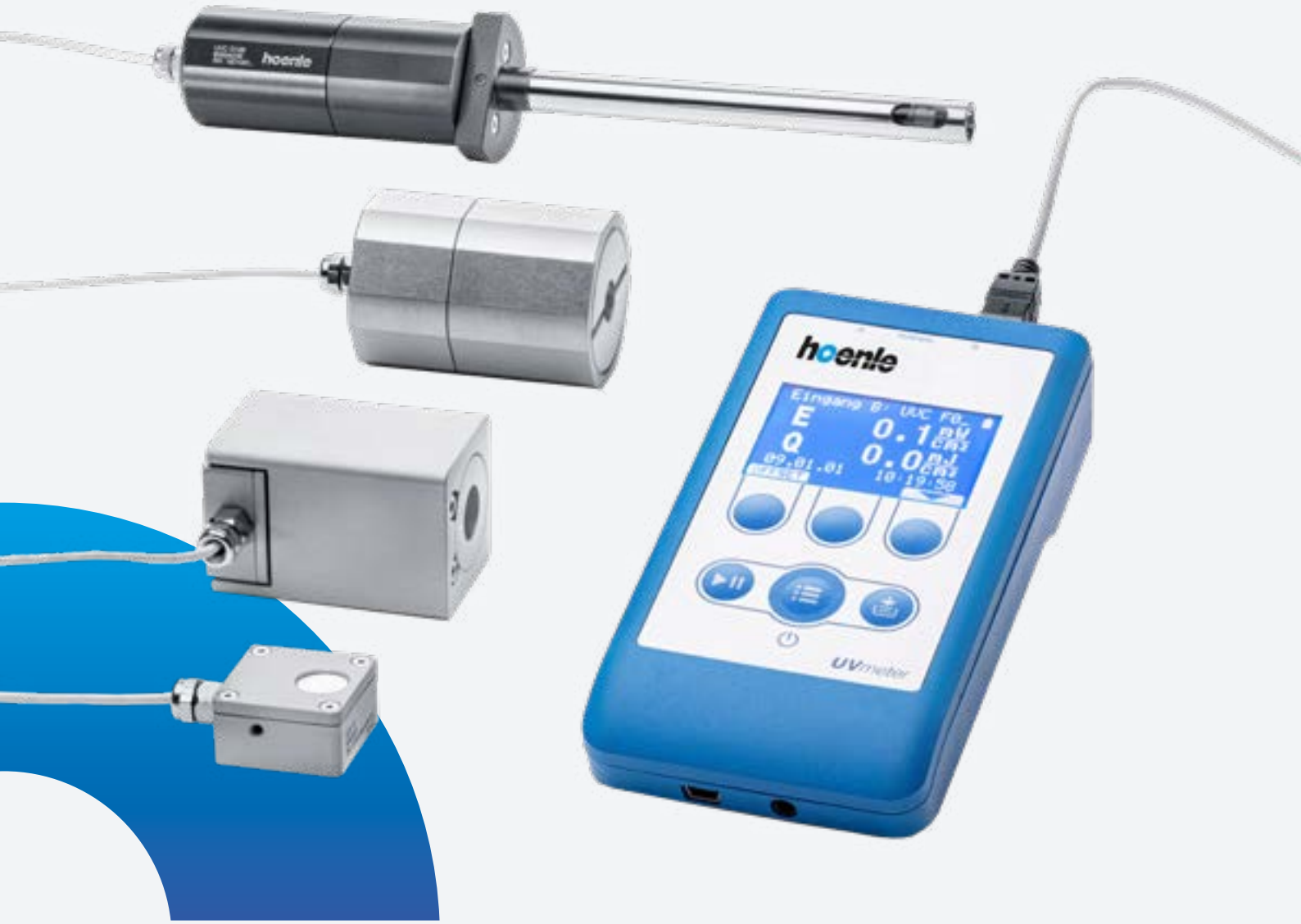
hoenle eleco

UV METER



UV METER

For UV and LED-UV

FEATURES

- PTB-traceable results
- Wide range of sensors
- USB-port, also for battery charging
- LED-UV measuring head

BENEFITS

- Easy to operate
- Handy
- Compact sensor design
- Long battery life

UV METER

The Hoenle UV Meter with application-optimized sensors measures exact data that is traceable to the German standard PTB (Physikalisch Technische Bundesanstalt). Different sensors cover wavelengths from 230 to 550 nm – UVC, UVB, UVA and VIS. Special LED sensors have been developed for LED-UV systems. According to its wide range of interchangeable sensors UV-Meter is suitable for different manufacturing processes. Its compact surface sensors are only 14 mm high. Also for point sources special sensors are available.

PRACTICAL HANDLING

All modes of operation of this handy measuring unit, as well as the meassured data, are shown on a clearly arranged display. An intuitive operational concept by keypad, including short-cut keys for the most important functions, guarantees highest possible user comfort. Alternatively, measurements can be carried out by PLC control. The UV Meter offers automatic sen-sor recognition.

The battery can be charged by USB and – thanks to lithium-ion technology – has a very long service life. Two-channel mea-suring for different wavelength ranges can be recorded at the same time.

APPLICATION RANGES

- for UV / LED-UV curing of inks and coatings
- for UV / LED-UV curing of adhesives and potting compounds
- for surface sterilisation via UVC irradiation

DOCUMENTED MEASUREMENT DATA

With the measured data storage it is possible to record a test series of intensity and dose. In addition, the minimum, maxi-mum and average intensity is retained during measuring activ-ity. The measured results are documented with precise timed sampling. The measurements can be evaluated on the PC or with a PLC via USB connection.

ADVANTAGES

- cost saving – a single measuring device for all applications
- measuring accuracy – the UV Meter is traceable to PTB standards
- process reliability – constant control of UV intensity ensures a consistent quality of UV curing and drying
- certificated – reliable calibration with certificate

APPLICATION RANGES

	surface sensors	light guide sensors	quartz rod sensors*
spectrum	maximum intensity	maximum intensity	maximum intensity
UV-C (230 nm – 285 nm)	2 W/cm²	2 W/cm²	2 W/cm²
UV-B (260 nm – 330 nm)	2 W/cm²	----	----
UV-A (340 nm – 410 nm)	10 W/cm²	20 W/cm²	5 W/cm²
VIS (360 nm – 550 nm)	10 W/cm²	----	----
LED (265 nm – 485 nm)	38 W/cm²	30 W/cm²	----

Sensors with lower intensity range are also available.
* available in the lengths 80, 146 & 260 mm

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Operating parameters depend on production characteristics and may differ from the foregoing information.
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