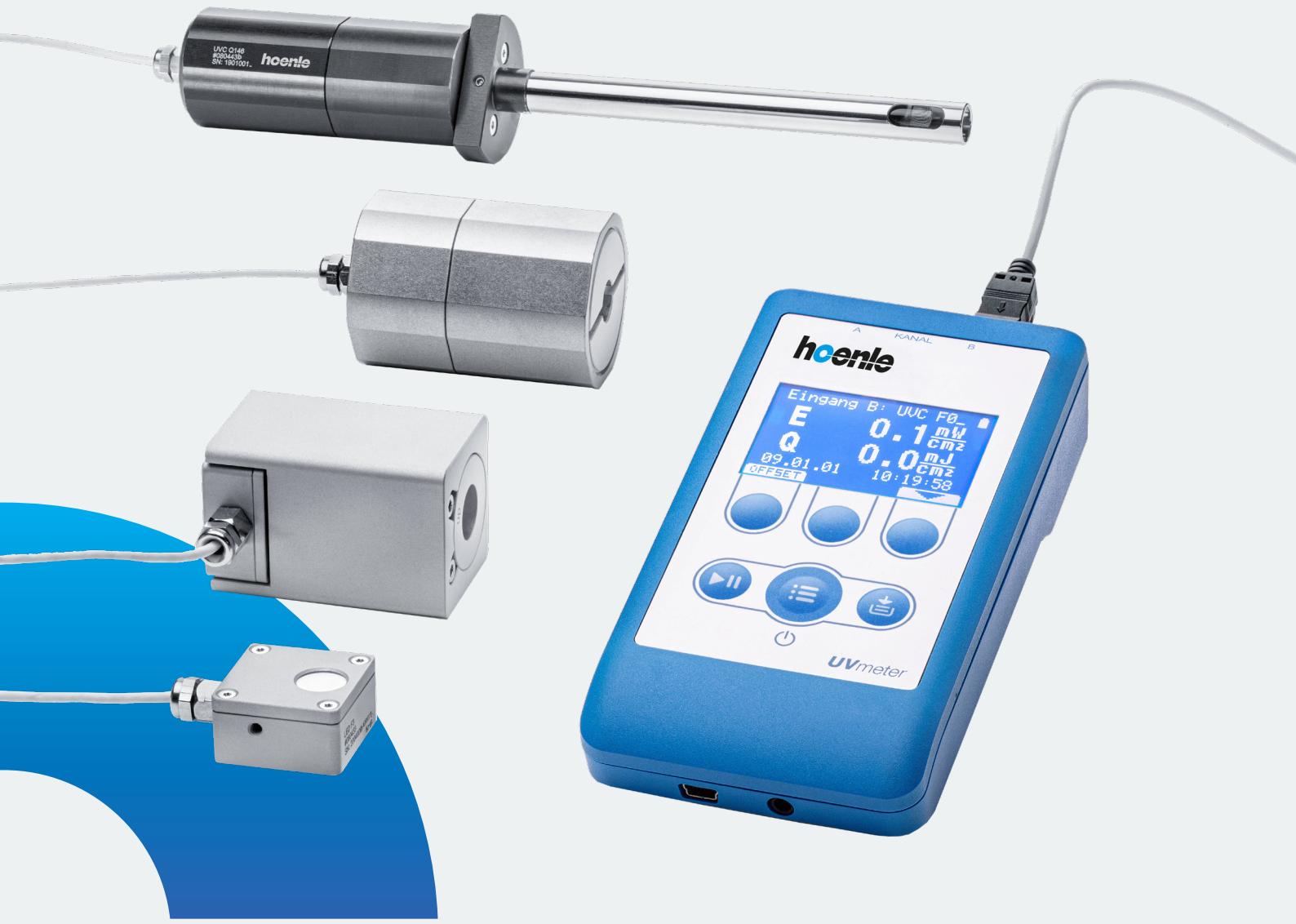


UV-METER



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 measured 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 sensor recognition.

The battery can be charged by USB and – thanks to lithium-ion technology – has a very long service life. Two-channel measuring 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

APPLICATION RANGES

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

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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DIN EN ISO 9001

DIN EN ISO 14001