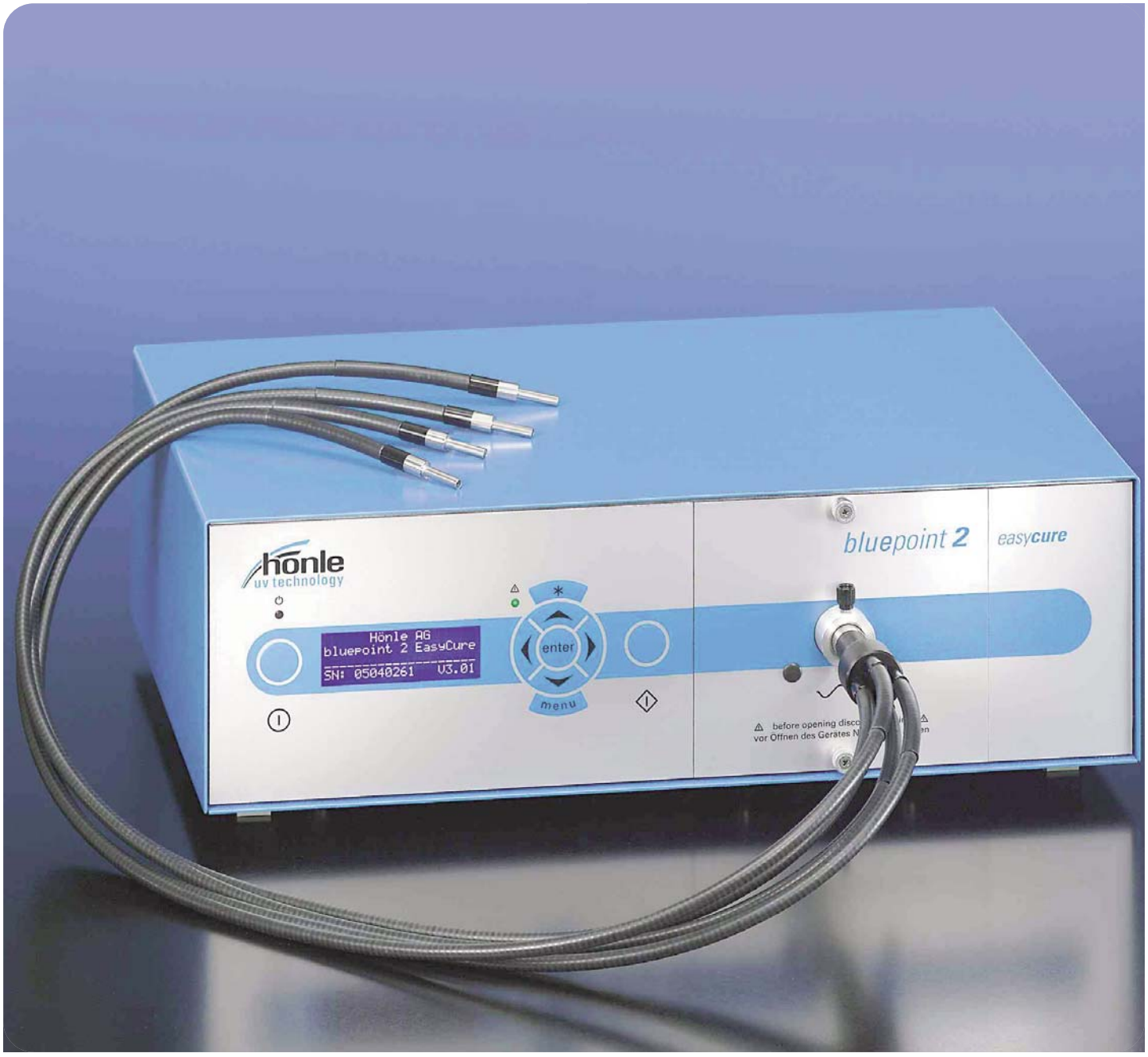
hönle group

hönle uv technology



bluepoint 2 easycure

UV point source

System-Features

- adjustable lamp output
- interface to PLC
- ease of use

Advantages

- economical
- long lamp life
- low cost of maintenance
- low production cost
- good price/ performance ratio

bluepoint 2 easycure

bluepoint 2 easycure is a **point source** for all applications that need a high degree of UV intensity. Due to its **high intensity shortest cycle times** can be realized.

The typical **lamp life is approx. 2.500 hours**.

A slide out module at the front panel of the housing ensures an **easy replacement of the lamp**. A user-friendly operation is possible through a touch-sensitive keypad.

Applications

bluepoint point sources are suitable for a large range of applications:

- Bonding, fixing or potting of components in the electronic, optical and medical industry
- Fluorescent excitation for material testing and image processing
- High-intensity UV irradiation for chemical, biological and pharmaceutical purposes

Lamp / shutter control

The exposure time can be selected between 0.1 and 999.9 seconds. Alternatively, it is possible to enter the requested dose and bluepoint 2 easycure calculates automatically the exposure time needed.

The display shows the values in mW/cm² and alternatively in mJ/cm² or in J/cm². Furthermore, the **electrical lamp output can be adjusted to 60% or 100%**. The unit memorizes operating hours and lamp running hours.

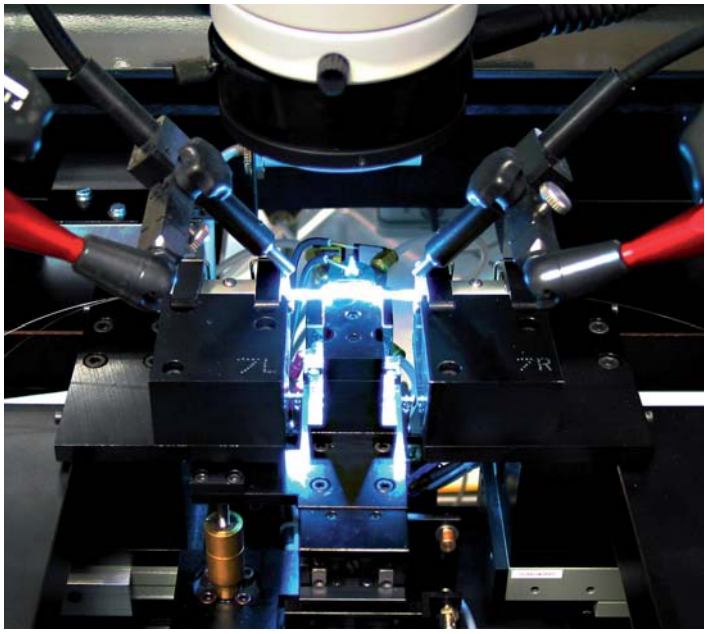
Calibration

Calibration can be carried out automatically with a Hönle UV Meter or with manual input.

Interfaces

Bluepoint 2 easycure has the following interfaces:

- PLC inputs: lamp on, shutter open, dispensing, adjustable lamp output to 60% or 100%
- PLC outputs: unit switched on, UV ready, error, shutter open and a variable programmable output
- Dry relay contact with selectable function for additional signals (shutter closed, warning, UV on, etc.)
- RS 232 interface for software update for operating software



Additional features

All parameter settings can be memorized on 6 storage locations and loaded when needed. The current parameter settings are maintained even after switching off the mains supply.

The unit disposes of extensive error and warning messages. With a keyboard interlock, it is possible to avoid unintentional modifications of parameters. Furthermore, bluepoint 2 easycure has a standby function when the lamp is switched off. Language of menu texts can be chosen between German, English, French and Italian.

Light guides

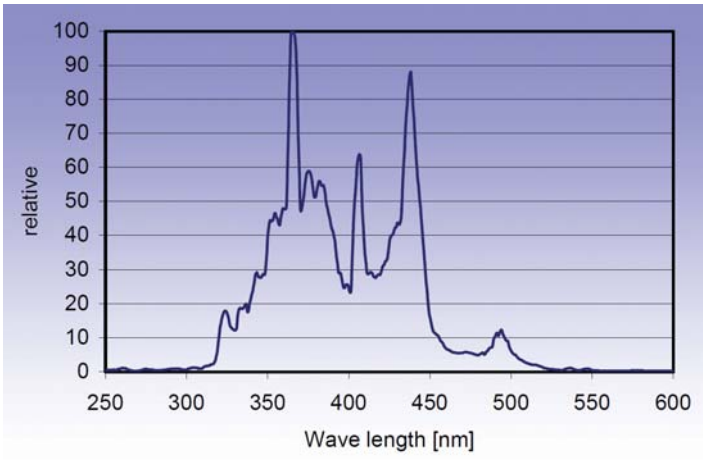
The following light guides are available:

- Single light guide with the diameters 3 mm, 5 mm and 8 mm
- Double, triple and quadruple light guides with a diameter of the single arms of 3 mm each
- Standard lengths of 1 m and 1.5 m
- Differing lengths on request
- Glas fiber optic

Technical data bluepoint 2 easycure

max. UVA-Intensity *)	>5.000mW/cm²
Typical lamp life	approx. 2.500 hours (50% of the start intensity)
Timer setting range	0,1 – 999,9 sec
Metal halide lamp	250 W
Mains supply	230 V, 50 Hz
Input current max.	2,5 A (start 4,2 A)
Power rating	650 VA (start 900 VA)
Dimensions (H x W x D)	155 x 450 x 310 mm
Weight	ca. 11,8 kg

*) measured with a Hönle UV Meter and test light guide



Spectrum bluepoint 2 easycure with coated quartz guide 320 nm - 500 nm

Dr. Hönle AG UV Technology, Lochhamer Schlag 1, 82166 Gräfelfing/München, Germany
Phone: +49 89 85608-0, Fax: +49 89 85608-148. **www.hoenle.de**