

Press Release

Gräfelfing, 9th July 2013

Small, but what a performance – Hönle's bluepoint LED eco!

UV specialist Hönle succeeds in developing an outstanding and low-cost solution for highly intensive UV-LED curing

Small, light, easy to handle and low priced – but maximum effect! By further developing their **proofed point source bluepoint LED** the Hönle UV specialists have realized an all-round customer and user friendly option for UV-LED curing.

The **bluepoint LED eco** offers all known advantages of LED-technology, such as an extremely long service life of the diodes, low temperature load on the substrate or the **possibility to switch the LED-head on and off as often as necessary**, without any warm-up or cooling phase. In addition, the **highly intensive** (up to 16.000 mW /cm²) point source wins over by its sophisticated technology: To the compact control unit up to **four LED-heads can be connected**, which can be activated separately. Each head is able to emit a wave length of 365nm or 385nm or 405nm +/-10nm. Also the irradiation time can be chosen for each LED-head, alternatively continuous operation is possible. With **bluepoint LED eco complete process sequences can be programmed** by using the knob on the control system or via PC. Due to the size of the irradiation field the LED-heads are available with **different lenses**.

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Further specials of **bluepoint LED eco** are its clearly arranged display, which shows all relevant information at one glance and an intelligent power control for each LED-head. **However, the special highlights of bluepoint LED eco are its size and weight: With 65 x 160 x 130 mm the bluepoint LED eco is just 500 grams!** Thus, it can be even integrated into manufacturing plants with only very small space available.

bluepoint LED eco is perfectly apt, whenever it comes to bonding, potting or fixing components, whether in manual or automated applications and also in the clean room. Typical applications are bonding smart phone displays, fixing lenses or needle-bonding.

Advantages or the bluepoint LED eco at one glance:

- Reduction of maintenance costs
- Extremely long service life
- Clean room compatible
- Low temperature load
- Intelligent power control
- Small & light
- Excellent cost-performance ratio