

## Press Release

Gräfelfing, 24. September 2013

# Fast, flexible and highly efficient.

**At Productronica 2013, the UV specialists of Dr. Hönle AG present their comprehensive portfolio of high-end UV-LED curing technology for electronics manufacturing.**

**New! bluepoint LED eco: Compact, light, comfortable, versatile and a very good price-performance ratio.** This highly intensive point source – **up to 16.000 mW/cm<sup>2</sup>** – wins over by its sophisticated technology: Up to four LED-heads can be connected to the compact control unit, which are able to emit different wavelengths of 365nm, 385nm or 405nm +/-10nm. The irradiation time can be adjusted to each LED-head separately. Alternatively, continuous operation is possible. Depending on the size of the area to be irradiated, the LED heads can be equipped with different lenses. **The special highlights of bluepoint LED eco are its size and its weight:** with small 65 x 160 x 130mm the point source is only 500 grams! Thus, it can easily be mounted also on manufacturing plants with very limited space.

**The new LED Spot 100:** During the last months the LED Spot 100 has become **a real top-seller** – and has still been improved by Hönle! With an **irradiation intensity up to 1.000 mW/cm<sup>2</sup>** the LED Spot 100 is the ideal choice for highly intensive and homogenous curing over a larger bonding area. Its light emitting aperture has a size of 100 mm x 100 mm. For even larger irradiation fields, several LED Spots 100 can be con-

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nected without any gaps and are thus optimally adjustable to any manufacturing process.

**New: the LED Cube 100.** This compact UV-LED irradiation chamber can be used for laboratory, manual or small-scale manufacturing processes. By employing different LED units, the emission range is adjustable to various fields of application. LED assembly and an electronic power supply guarantee high intensity and homogenous distribution of light inside the chamber. The recognition of LED-malfunction and a comprehensive monitoring function provide very high process stability. LED Cube 100 is air-cooled and has an intensity of up to 1.000 mW/cm<sup>2</sup>.

### **UV and UV-LED bonding applications: a home match for the Hönle Group**

UV or UV-LED curing units by Hönle are increasingly used for modern bonding applications. Hönle's high-end curing technology combined with the **outstanding chemical products of their subsidiary Panacol** make the Hönle Group an unique provider for the adhesive market.

**Visit us at Productronica 2013, hall A4, stand 465!**