

Press Release

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Press Contact:
Catherine Gettert

phone: +49 (0)89 8 56 08-170
catherine.gettert@hoenle.de
Lochhamer Schlag 1
82166 Gräfelfing

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Setting the Trend for Further Developments in LED-UV Technology

At Productronica 2017, UV experts Dr. Hönle AG will launch not just one but three new products for the efficient curing of adhesives and casting compounds in electronics manufacturing.

The new LED Spot 100 HP IC: The letters HP stand for High Power, as Hönle has doubled the performance of their LED Spot 100 compared to the previous model: at 405 nm wavelength 2.000 mW/cm² guarantee a reliable and fast cure to speed up the manufacturing process.

The LED Spot 100 HP IC is also available in the wavelengths 365, 385, 395 and 460 nm.

For manufacturing processes which require lower intensities Hönle offer the **LED Spot 100 IC** which emits up to 1.000 mW/cm² at 405 nm. This LED-UV device also contains all the advantages of the further development: For example it has an integrated control (IC) for operating and monitoring the LED-UV system. An external controller is not necessary.

In case a plug in and play solution is preferred, Hönle has the answer: The **LED Powerdrive IC** allows the independent operation of up to three LED Spot 100s. Irradiation times and the electrical LED power can be

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adjusted individually. Thanks to the large, clear and well-organised display screen not only these two parameters but also the current operation status and the LED temperature can be read at a glance.

Another improvement of the LED Spot 100 concerns its housing: Its optimized design means the devices are now stackable with only minimal gaps.

Also new are the LED heads for the highly intensive UV-LED point source controller bluepoint LED eco, which is usually the solution for fully automated production lines. Up to four LED heads can be connected to this compact control unit, each of them able to emit a different wavelength and each one can be activated separately. These LED heads are now even more powerful than before. Intensities up to 16.000 mW/cm² could be achieved before, now with this new generation of LED heads you can reach up to 20.000 mW/cm².

Optimizing the lens system of the LED heads has resulted in an even more homogeneous intensity distribution than before. And what is more: **By using one of the lens systems there is almost no intensity loss when increasing the distance between LED head and part.**

Hönle has also re-designed their **UV-Meter**. The approved device measures intensity and dose of UV and UV-LED units and systems. Using the clear and well-organised display, measured results can be

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read at a glance. This new generation design of the unit is much more compact and hence extremely handy on the shop floor. Another feature which makes the UV-Meter more user-friendly than ever before is the integrated USB port which allows you not only to read your measured data but also to upload the UV-Meter data easily to your PC or notebook.

Why not find out more about Hönle's comprehensive UV and UV-LED product range for electronics manufacturing – and about the perfectly matching adhesives and casting compounds of our subsidiary and co-exhibitor Panacol?

Visit us on the Hönle Group booth at Productronica, hall A4, booth 465.