

Press Release

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Twice as powerful and reliably safe

For some years, the highly intensive LED-UV point source bluepoint LED eco by UV specialist Hönle has been used to cure adhesives and sealants in various industrial manufacturing processes, e.g. producing rear view cameras in the Automotive Industry or for prefixing purposes at display bonding in the sector Consumer Electronics.

With the further development of this successful product Hönle has managed to improve several features:

New LED-heads provide an even faster, reliable and comprehensive curing of the adhesive: Equipped with the most frequently used lens attachment, the UV-LEDs reach more than double intensity compared to the previous model at the wavelengths 365 nm and 385 nm, and thus guarantee faster curing.

In addition, the extraordinarily compact LED-heads can be equipped with a 90°-deflection head to irradiate even hidden parts or such which are difficult to reach. It is now possible to cure even areas like narrow gaps or with a high material absorption where, caused by machine design, not enough UV-light could reach the adhesive otherwise.

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The LED-UV point source can be equipped with different lenses which are able to irradiate areas with diameters of about 3, 7, 10 or 20 mm. Thus, the LED irradiation can be perfectly adapted to each application.

The **bluepoint LED eco** offers a decisive advantage concerning machine safety: Connected to the manufacturing machine via an interface, it has got a signal input which guarantees that the LEDs are switched-off automatically as well as reliably according to current safety guidelines. This is a relevant safety issue especially for fully automated manufacturing lines, primarily to save the health of machine operators.

UV-specialist Hönle is head of the **Hönle Group** which is also the mother company of adhesive expert **Panacol**. Under one common roof, both companies have been working together very closely for more than ten years. Together they offer unique bonding systems combining high-tech adhesives with leading LED-UV curing technology. These systems are perfectly matched and can be tailored individually to each application.