

Press Release

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High-end UV Curing for Printed Electronics

UV specialist Hönle presents their innovative curing technologies at LOPE-C

More than 35 years of experience in industrial UV technology make Hönle a worldwide leading expert for curing solutions for bonding and printing applications. At LOPE-C Hönle showcases their innovative curing solutions for those key sectors of printed electronics.

UV-/UV LED curing units and systems for bonding and potting applications

Whether **UV** or **UV LED**: Curing specialist Hönle offers a broad spectrum of curing systems for bonding and potting applications. At LOPE-C Hönle presents an assortment of **highly intensive UV-LED units**, e.g. **bluepoint LED**. This LED point source has been developed for all applications requiring a most intensive UV irradiation. Up to four LED heads can be connected to the operating unit whereby the diodes can emit different wavelengths. Each LED can be activated separately.

For curing larger areas Hönle has developed the **LED Spot**. Its square light emitting aperture has a size of 20mm x 20mm. Depending on the selected intensity/homogeneity this size can be increased considerably

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by changing the distance to the substrate. Due to the possibility to program complete process sequences shortest cycle and machine throughput times can be realized, especially in fully automated production lines.

From the close cooperation of Hönle and its subsidiary **Panacol**, a worldwide successful expert for high-tech adhesives, result **unique system solutions for bonding and potting applications**. Advantages for customers: an outstanding quality and the best possible adjustment of curing device and adhesive.

UV/UV-LED dryer for printing applications

As varied as printing and coating applications for printed electronics as varied is our range of highly efficient UV and UV LED curing devices. At LOPE-C Hönle presents its latest developments in LED technology for the printing industry. For example their approved **PureUV LED Powerline**. Due to close collaboration with user has further developed this variable LED array for intermediate and end curing – and thus established a whole series. No matter if you are looking for an air- or a water-cooled tabletop unit, or if you would need a length-variable device with or without integrated control system – the high-performance arrays of the PureUV LED Powerline series can be optimally adjusted to various printing applications. Wavelengths between 365 and 405nm allow a perfect matching to the substrate, even if temperature sensitive. Thanks to its compact size and low weight PureUV LED Powerlines can be integrated into any printing machine.

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Also new: The **jetCURE-series** for wide-format inkjet printing. Double peak intensity to comparable UV units at 30% less temperature, jet-CURE units permit excellent curing and enhanced printing quality – even at high line speeds and with temperature sensitive materials.

Visit us at LOPE-C, hall B0, stand 109. We are looking forward to meeting you.