

## Press Release

Gräfelfing, 02. August 2018

# Powerful LED-UV systems for display bonding

**At Bondexpo 2018, UV expert Hönle shows their LED curing systems for the whole process of display bonding.**

There are several process steps involved in bonding displays, each of them demanding different adhesives and sealants and also different curing systems. For the whole display bonding process Hönle offers powerful LED-UV systems.

**New to the market is the LED Spot 100 IC** for full-surface bonding. The LED assembly on this powerful LED-UV system guarantees a highly intensive and homogenous light distribution. Depending on the display size, several LED Spots 100 can be connected without any gaps, due to their modular design.

**bluepoint LED eco** is applied when it comes to pre-curing the display by pinning with the help of precise adhesive dots. This highly intensive point source has got up to four LED-heads which can be separately controlled. Both units are able to completely cure an adhesive dot within a split second.

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When bonding a display it may be necessary to deal with so called 'shadow areas' which can be a result of black printing. These areas cannot be reached by surface curing. In this instance the **LED Powerline AC/IC** is the ideal choice as a shadow curing solution. The irradiation of this air-cooled high-performance LED-UV array is able to easily and reliably cure such shadow areas, mostly by sidewise curing, within a fraction of a second.

All Hönle LED-UV systems for display bonding are available in different wavelengths and can thus be perfectly adapted to the respective adhesive or sealant. They are distinguished for the application in fully-automated production lines and allow shortest cycle and machine times at highest possible process reliability.

In combination with high-tech adhesives by Panacol, Hönle LED-UV units are available as a perfectly working bonding technology system.

**Visit the Hönle Group at Bondexpo, hall 6, booth 6420.**