

UV Spot Curing System

Bluepoint LED

NEW !



Hoene Bluepoint LED

Up to
20
heads



The new Bluepoint LED from Hoene features a state-of-the-art touch display panel. Its operation is simple and intuitive. The display is detachable and can be mounted on the base station or on the machine.

A maximum of five base stations can be combined with one display. Each base station supplies up to four LED heads, so that a total of 20 LED heads can be operated with one display.

For ultimate individual settings, each LED head can be used with different

lenses, which generate different spot diameters.

Hoene works closely with adhesive manufacturer Panacol, creating an optimized curing and bonding process. This results in increased efficiency and reduces total operational costs.

Typical applications for the Bluepoint LED include spot curing of UV curable adhesives. The Bluepoint LED can cure adhesives within seconds in automated production processes in the mass production of disposable medical devices, or in high-volume production in electronics and optical manufacturing.

Touch display



Up to 20 LED
Heads



Intensity up to
20000 mW/cm²



System Solutions with Bluepoint LED



Bluepoint LED Datasheet

LED Service Life	> 20.000 hours
Available Wavelengths	365/385/405nm
Intensity	Up to 20000 mW/cm ²
Interfaces	I/Os and analogue signal for power adjustment for each LED head. Option: BUS interface. Release safety circuit
Process Flow Control (PFC)	Up to 6 PFCs to program individual irradiation sequences
Accessories	Foot switch, 90° deflection adapter

Adhesive	Curing at	Application	Characteristics
Vitralit® BL UC 1103	365/405 nm	Optical, Photonics, Electronics	Dark black UV adhesive, low shrinkage
Vitralit® UC 1633	365 nm	Optical and Photonics	Resistant to yellowing, halogen-free
Vitralit® UV 4050	365/405 nm	Medical Devices, Plastic Bonding	Impact resistant, medical grade
Vitralit® E-4731	365/405 nm	Medical Devices, Plastic Bonding, Electronics	Dry surface after curing, medical grade
Vitralit® 7041	365/405 nm	Medical Devices, Plastic Bonding	Medical grade, high adhesion to plastics
Vitralit® 7311	365/405 nm	Medical Devices, Plastic Bonding	Non-yellowing, medical grade

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Operating parameters depend on production characteristics and may differ from the foregoing information.
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