

UV Spot Curing System

bluepoint LED

NEW !



Hoenle bluepoint LED

Up to
20
heads



The new bluepoint LED from Hoenle 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.

As business unit for adhesive systems, Hoenle and Panacol ensure optimized curing and bonding processes. This increases efficiency and reduces the 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 key facts

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	Electronics, Optical, Photonics	Dark black UV adhesive, low shrinkage
Vitralit® UC 1633	365 nm	Optical and Photonics	Resistant to yellowing, halogen-free
Vitralit® UC 1658	UV-A/365 nm	Electronics and Optical	Flexible, low sb-content
Vitralit® UD 8050 MV F	UV-A, 365/405 nm, moisture cure	Electronics	Compatible with flux, shear thinning
Vitralit® E-4731	365/405 nm	Electronics, Medical Devices, Plastic Bonding	Dry surface after curing, medical grade
Vitralit® 6104 VT	UV-A, 365 nm, heat cure	Electronics, Structural Bonding	Shape retaining, highly viscous

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