

BlueWave MX-150 high energy UV LED Spot Curing Lamp for superfast cures

The new [**Dymax BlueWave® MX-150™ LED UV Spot Curing Lamp**](#) offers the speed, consistency, reliability and long service life associated with [**LED UV curing**](#). The modular unit has a separate, compact light emitter, suitable for benchtop use but small enough to be readily integrated into robotic or other fully automated systems.

The **BlueWave MX-150 UV LED Spot Curing Lamp** is designed to offer higher, more consistent UV curing intensities than traditional spot-curing systems – up to 40W/cm² at wavelengths of 365, 385 or 405 nm. The high curing energy is created using an LED chip in the emitter, located very close to the point of cure. The use of a lightguide, which can compromise cure intensity, is optional and the emitter can be mounted away from the controller in suitable locations and positions without loss of energy.

The **BlueWave MX-150** is compatible with a variety of UV and visible light-curable materials, including [**adhesives, electronics encapsulants and coatings, and temporary masking products**](#). Its instant on-off capability saves energy and eliminates the need for warm-up periods. The curing profile can be optimised to protect heat-sensitive substrates.

The **BlueWave MX-150** is comprised of two main parts, a controller with an easy-to-use touchscreen interface, and the high-intensity UV LED emitter. The unit can be activated by a foot pedal, its touchscreen, or through a PLC interface.

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