

Powerful, compact LED UV spot curing system enables up to four concurrent spot cures with ease and flexibility



LED UV light curing systems have gained popularity in recent years,

and are becoming the technology of choice and more cost-attractive.

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The [BlueWave QX4 LED UV Spot Curing Lamp](#) offers all the benefits of LED UV over traditional broad-spectrum technology including instant on/off with no warm-up, low operating temperature, decreased energy consumption and up to 20,000 hour light source life – with no performance degradation.

Incorporating its UV LED light emitters within a flexible wand design, the BlueWave QX4 allows operators to easily manipulate the system into close proximity of substrates, simplifying curing processes and reducing shadowing risks. Equally, the QX4 is capable of being used in semi- or fully automated assembly systems.

The QX4 is a powerful curing system which outputs UV intensities of up to 18,800 mW/cm². Through this exceptional power performance, materials can cure with a high level of crosslinking, many within seconds.

Due to the modularity of the system, up to four wands, covering three UV wavelengths, can be selected or interchanged dependent on process requirements. This linked with the ability to pair wands with focusing lenses, which alter the size of the cure area, enable you to tailor the unit to suit your applications.

The Dymax BlueWave QX4 effectively cures [LED-compatible UV light curing materials](#), including Dymax's own matched range of adhesives, coatings, encapsulants, and temporary masks. To discuss your UV curing requirements, or to arrange a demonstration of the Bluewave QX4, [get in touch](#) with our team. We are capable of high functionality meetings and demonstrations over apps like Teams or Zoom to meet your current needs.

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This blog post is a copy of a recent edition of JoinedUpThinking, an occasional email with ideas, tips, and featuring the latest technologies in adhesive materials and associated equipment. If you would like to receive JoinedUpThinking, simply let us know by filling in the form on our [Contact Us](#) page.

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