

## OmniCure AC Series

# Advanced, Air-Cooled UV LED Area Curing Solutions for Adhesives, Coatings and Inks

Bringing high power, superior performance and maximum flexibility to best fit your UV application needs.

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Enhanced throughput and performance through high UV output power

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Flexibility and simplified integration via superior irradiance performance

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Rapid and efficient curing from advanced front-end custom optics

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Consistent results with exceptional uniformity in UV output

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# The Right Choice for Area Curing Applications

## Designed for Demanding Medical, Industrial and Electronics Manufacturing Applications

Through harnessing advanced technologies, the OmniCure® AC Series of UV LED curing systems provide precise UV delivery in both automated and stand-alone applications, resulting in improved process yields and high throughput performance. Customers benefit at all levels of design and integration with using the air-cooled, UV LED curing systems which are synonymous with efficiency and quality; and are reinforced by our commitment to the highest quality and award-winning customer support.

## High Optical Power, Increased Throughput, Highest Productivity

The OmniCure AC Series is innovatively designed to provide an exceptionally uniform area of high optical power for fast, even curing of adhesives, coatings and inks. Integrating the very latest in LED technology, the narrow-band nature of UV emission enables the delivery of high irradiance to substrates without heat-induced damage or distortion. With higher speeds and less waste through scrap, productivity and profits are maximized.

## Ease of Integration with Maximum Flexibility

Designed as a self-contained solution, the OmniCure AC Series UV LED curing systems eliminate the need for external cooling, thereby simplifying integration into new or existing production line infrastructures. Front-end optics allow for high irradiance at long working distances with extended clearance from conveyed parts. For maximum flexibility, front-end optics allow the ability to focus the light at different working distances and easily adapt to specific UV process needs. With a small footprint and straight-forward mounting, the AC Series enables integrators to focus on what is most important to their process.

## Cost Savings and Environmentally Friendly

Engineered with highest efficiency in mind, the OmniCure AC Series allows manufacturers to minimize operational and maintenance costs associated with either traditional arc-lamp or other liquid-cooled LED systems. Precise irradiance control allows UV energy to be generated at the required level and only when necessary, further increasing cost savings and minimizing carbon footprint. With no mercury content, and absence of ozone emissions, the costly requirements for additional air ventilation are eliminated, providing a cost-effective solution while ensuring a safe working environment.



Medical



Electronics



Optoelectronics



Printing

**OmniCure®**  
UV Curing • In Control



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