



FOR IMMEDIATE RELEASE:

Excelitas Launches OmniCure R2000^{Plus} UV/Visible Radiometer for Improved UV Process Verification and Control

Next-generation radiometer delivers trusted measurement performance with improved usability, new user-friendly LCD display and user interface, better connectivity and workflow efficiency for UV curing applications



Pittsburgh, Pa., September 29, 2026 – [Excelitas®](#), the leading provider of advanced, life-enriching technologies that make a difference, serving global market leaders in the MedTech, Life Sciences, Advanced Industrial, next-generation Semiconductor and Avionics end markets, today announced the launch of the [OmniCure® R2000Plus UV/Visible Radiometer](#), an enhanced radiometer designed to provide highly accurate broadband optical power and irradiance measurements for UV and visible light curing applications. Building on the proven performance of the industry-trusted OmniCure R2000 radiometer, the R2000^{Plus} delivers trusted measurements while introducing significant advancements in ergonomics, usability, connectivity and process efficiency.

The OmniCure R2000^{Plus} enables manufacturers to simplify system setup, process validation and ongoing monitoring of UV curing operations while maintaining the accuracy and repeatability required for quality-critical production environments. The radiometer measures optical power and irradiance across a broad spectral range of 250 to 1000 nm and provides NIST-traceable measurements that support reliable quality assurance and process consistency.

“Manufacturers rely on accurate and repeatable optical measurements to maintain product quality and process consistency,” said Peter Cop, Director of Product Management at Excelitas. “The OmniCure R2000^{Plus} builds on the trusted measurement technology of the R2000 while delivering the modern features and workflow improvements our customers need to operate more efficiently and confidently in today’s manufacturing environments.”

Designed for seamless integration with [OmniCure S2000 Elite](#) and [OmniCure S2000](#) UV Spot Curing Systems, the R2000^{Plus} supports rapid calibration, irradiance verification and process optimization. The platform remains fully compatible with existing OmniCure accessories, external sensors and PC-based control software, protecting customer investments while enabling a smooth transition to the latest measurement technology.

Key enhancements of the OmniCure R2000^{Plus} include:

- Broadband optical power and irradiance measurements from 250 to 1000 nm for UV and visible light curing applications
- Proven non-imaging optical interface technology that minimizes measurement variation caused by beam profile and intensity differences, delivering highly repeatable results
- A large backlit LCD display with intuitive five-button navigation for improved readability and ease of use
- One-button calibration for compatible OmniCure S-Series system streamlines setup and maintenance

- Rechargeable Li-ion battery with USB-C charging and communication capabilities for enhanced convenience and connectivity
- On-board data logging and review capabilities, allowing users to store and access measurement and calibration data directly on the device
- Supervisor Mode with configurable lockouts maintain SOP compliance and process control
- Compatibility with external Cure Site and Cure Ring sensors for direct cure-point measurement and process validation

The OmniCure R2000^{Plus} is ideally suited for manufacturers using UV spot curing systems in applications where precise optical measurement and stringent process control are critical to product quality and productivity. The radiometer is targeted at existing and future users of OmniCure S2000 Elite and legacy S2000 systems.

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About Excelitas

Excelitas® is a leading provider of advanced, life-enriching technologies that make a difference, serving global market leaders in the MedTech, Life Sciences, Advanced Industrial, next-generation Semiconductor and Avionics end markets. Headquartered in Pittsburgh, PA, USA, Excelitas is an essential partner in the design, development and manufacture of advanced technologies, offering leading-edge innovation in sensing, detection, imaging, optics and specialty illumination for customers worldwide. Excelitas is at the forefront of addressing many of the relevant megatrends impacting the world today, including precision medicine, industrial automation, artificial intelligence and connected devices (IoT).

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