



FOR IMMEDIATE RELEASE:

Excelitas Introduces Phoseon Nexus II UV LED Curing Platform for Flexographic Printing with Advanced Monitoring Capabilities and Improved System Reliability

New Nexus DataHub, providing real-time and historical system monitoring, is now available



Pittsburgh, Pa., September 2, 2025 – [Excelitas®](#), a leading provider of advanced, life-enriching technologies that make a difference, serving global market leaders in the life sciences, advanced industrial, next-generation semiconductor and avionics sectors, today announced the launch of the [Phoseon® Nexus II™ UV LED Curing Platform](#) for flexographic printing. Nexus II brings increased system reliability, improved performance in high-temperature environments and optional high-airflow model for enhanced cooling compared to the earlier generation.

The new cloud-based monitoring system, Nexus DataHub, provides both real-time and historical access to critical system data at any time and from any location. Designed to improve the performance and serviceability of the Nexus II curing system, it not only tracks UV LED performance but also monitors overall machine performance. Remote monitoring is a key component of Industry 4.0, enabling manufacturers to leverage data for improved decision-making and operational efficiency.

Additional Nexus II features include:

- **Cloud-Based Access:** View data from anywhere via a secure web portal or mobile app.
- **Real-Time and Historical Monitoring:** Track performance live or review past data in intervals from 30 seconds to 1 hour.
- **Comprehensive Data Insights:** Monitor a wide range of key metrics, including overall machine performance, UV intensity, system speed and energy consumption.
- **24/7 Operation:** DataHub runs continuously to provide full visibility into your system.
- **Exclusive Benefits:** Nexus DataHub users receive special service and repair discounts.

Nexus II UV LED curing systems deliver the highest total UV power output to achieve increased print speeds, increased press uptime and longer lifetime compared to other products on the market. Nexus II comes with a five-year warranty for the entire system, offering investment protection for customers.

Nexus II air- and water-cooled UV LED curing systems are available in the following sizes: 300mm, 375mm, 450mm, 525mm, 600mm and 675mm.

Excelitas will display the innovative Phoseon Nexus II platform from September 16 – 19, 2025 at [Labelexpo Europe](#) Booth # 3B13 in Barcelona, Spain. For additional information, please visit the [Nexus II Air-Cooled UV LED Curing System](#) webpage or the [Nexus II Water-Cooled UV LED Large-Area Curing System](#) webpage.

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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 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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