



FOR IMMEDIATE RELEASE:

Excelitas to Unveil BlueLight Flash Small Area UVC Disinfection System at the 2026 International Production & Processing Expo (IPPE)

Advanced system delivers fast, powerful pulsed light disinfection with washdown-compatible housing, flexible chiller options and rigorous safety features for a broad variety food and packaging disinfection applications



Pittsburgh, Pa., January 15, 2026 – [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, has released its [BlueLight® Flash Small Area UVC Disinfection System](#). Engineered to excel in the challenging environments of food processing and packaging production facilities, the system delivers powerful, reliable and eco-friendly pulsed light disinfection for various applications. The innovative solution is designed for disinfecting a wide variety of substrates, from food packaging to direct irradiation of organic products such as poultry portions, ensuring

effective chemical-free disinfection. Attendees at the [2026 IPPE Expo](#) in Atlanta, Georgia can see the flash lamp module January 27 – 29 at Excelitas Booth #BC34105.

The system's flash control cabinet and flash lamp module are housed in robust IP69K rated washdown protocol compatible housing. The flash control cabinet features an integrated internal water chiller or an optional external air-to-water chiller to accommodate diverse process needs – utilizing water cooling allows for high peak and average output powers. Robust safety mechanisms further ensure reliable performance in the cold, humid conditions common to food processing and packaging facilities. The system is designed to easily integrate above conveyor belt production lines, making it suitable for new installations as well as retrofitting to existing production lines.

The BlueLight Flash Small Area UVC Disinfection System achieves greater than 4-log reductions in microbial load on a variety of common packaging and can operate at throughputs of up to 500 square meters per hour. It provides effective, contactless dry disinfection reducing chemical use lowering the overall environmental impact of production.

Additional benefits include:

- Instant treatment with no warm-up time and low energy consumption
- Built-in safety features, including a protective window with breakage detection
- Cartridge-style lamp module for simple replacement and reduced downtime
- Disinfection without the use of chemicals or mercury-based light sources

“Our BlueLight Flash Small Area UVC Disinfection System leverages the proven performance of Excelitas’ BlueLight product family to offer an efficient, high-performance solution for effective, sustainable disinfection in food and beverage processing and packaging industries,” said Julian Priddle, Product Manager at Excelitas. “By utilizing pulsed light disinfection technology, we are helping a broad range of customers achieve reliable disinfection results, without the use of harsh chemicals.”

For additional information about the BlueLight Flash Small Area UVC Disinfection System, visit <https://www.excelitas.com/product/bluelight-small-area-uv-flash-disinfection-system>.

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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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