



FOR IMMEDIATE RELEASE:

Excelitas Technologies Debuts HSR150 High Spatial Radiance Deuterium Lamp

High output enhances signal-to-noise ratio and thereby accuracy and efficiency for HPLC applications



Pittsburgh, Pa., September 17, 2024 – [Excelitas Technologies® Corp.](#), the leading provider of advanced, life-enriching technologies that make a difference, serving global market leaders in the life sciences, advanced industrial, next-generation semiconductor, aerospace and defense end markets, introduces its enhanced [HSR150 High Spatial Radiance Deuterium Lamp](#), a cutting-edge light source for high-performance liquid chromatography (HPLC).

The HSR150 features Excelitas' new patented technology, which significantly enhances output by up to 50% compared to current existing Deuterium lamps in the market, in optimized systems. This enables much better signal-to-noise ratios for increasingly demanding applications. With its high output and exceptional stability, the HSR150 sets a new benchmark for deuterium lamps used in HPLC.

"The HSR150 Deuterium lamp is specifically engineered for HPLC manufacturers requiring the highest signal-to-noise ratio and for OEMs developing next-generation HPLC systems," said Dr Christoph Söller, Chief Scientist Optics & Analytics at Excelitas Technologies. "With its cutting-edge output, accuracy and reliability in chromatographic analysis, the HSR150 is poised to set new industry standards and advance the landscape of high-precision analytical light sources.

For more information, please visit <https://www.excelitas.com/product/high-spatial-radiance-150-deuterium-lamp>.

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About Excelitas Technologies

Excelitas is the leading provider of advanced, life-enriching technologies that make a difference, serving global market leaders in the life sciences, advanced industrial, next-generation semiconductor, aerospace and defense end markets. Headquartered in Pittsburgh, PA, USA, Excelitas is an essential partner in the design, development and manufacture of photonic technologies, offering leading-edge innovation in sensing, detection, imaging, optics and specialty illumination for customers worldwide.

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