

II-VI Incorporated Launches Scan Lenses for Micro Materials Processing

PITTSBURGH, January 23, 2018 (GLOBE NEWSWIRE) – II-VI Incorporated (NASDAQ:IIVI), a world leader in laser optics and subsystems, today announced the launch of its new scan lenses for micro materials processing in the near- and mid-infrared spectrum.

The growing adoption of industrial lasers in manufacturing is driving the demand for beam delivery solutions that achieve the utmost in versatility, precision and quality at each materials processing step. By combining optics based on zinc sulfide multispectral and fused silica materials II-VI has achieved new smaller and lighter scan lenses operating at one micron wavelength, enabling faster micro materials processing with fiber lasers. II-VI has also developed a proprietary housing design to seal scan lenses and achieve very high transmission at five micron wavelength, enabling micro materials processing with carbon monoxide (CO) lasers.

“II-VI’s portfolio of laser optics covers the far-infrared to ultraviolet spectrum and serves a wide range of multi-laser applications such as OLED display processing and laser additive manufacturing,” said John Ryan, Vice President of Sales, II-VI Laser Solutions. “The breadth of our scan lens portfolio is unmatched in the industry and offers our customers the convenience of working with a single supplier for their advanced beam delivery systems.”

II-VI’s broad portfolio of far-infrared to ultraviolet laser optics includes mirrors, aspheric lenses, beam expanders, focus modules, CVD diamond optics and debris windows. II-VI offers a broad range of freeform beam shaping laser optics including faceted integrators, vortex lenses, flat top converters, biconic lenses, axicons and dual focus lenses. II-VI offers a wide selection of industry standard optical coatings as well as its high durability Diamond OverCoat.

II-VI at SPIE Photonics West, Jan. 30- Feb. 1, 2018, Booth # 1230

II-VI will exhibit at SPIE Photonics West in San Francisco one of the broadest portfolios of merchant products for all laser technology platforms employed in high-power or precision materials processing. From ultraviolet to the far-infrared, II-VI’s market leading laser optics will be on display along with new products for fiber lasers and some of the most advanced laser heads and beam delivery solutions on the market. In the life sciences area, II-VI’s display will consist of spectroscopy optics, flow cells and precision temperature controlled modules to support advances such as in DNA sequencing. II-VI will also show products from epitaxial wafers to semiconductor lasers that will enable exciting new features such as 3D sensing in the next generation of consumer electronics.



About II-VI Incorporated

II-VI Incorporated, a global leader in engineered materials and optoelectronic components, is a vertically integrated manufacturing company that develops innovative products for diversified applications in the industrial, optical communications, military, life sciences, semiconductor equipment, and consumer markets. Headquartered in Saxonburg, Pennsylvania, the Company has research and development, manufacturing, sales, service, and distribution facilities worldwide. The Company produces a wide variety of application-specific photonic and electronic materials and components, and deploys them in various forms, including integrated with advanced software to enable our customers. For more information, please visit us at www.ii-vi.com.

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