

II-VI Incorporated Launches Ultraviolet Fluorescence Filters for Biomedical Instruments

PITTSBURGH, January 17, 2018 (GLOBE NEWSWIRE) – II-VI Incorporated (NASDAQ:IIVI), a leading provider of high-performance optics and coatings, today announced the commercial availability of a complete line of ultraviolet (UV) fluorescence filters for life sciences and biomedical instrumentation including flow cytometry, sequencing and imaging platforms.

Critical advances in cancer biology, infectious diseases and immunology have driven the development of new fluorochromes and high-performance optical systems that operate in the UV spectrum. II-VI's UV fluorescence filters feature spectral profiles with high transmission, steep slopes and deep out of band blocking to enable maximum instrument sensitivity.

"II-VI continuously advances the state-of-the-art in thin-film technology to deliver very high-performance optics and coatings that enable next-generation fluorescence spectroscopy analytical instruments," said Guanglong Yu, Vice President, R&D, II-VI Photop. "Our new family of ultraviolet filters extends our existing portfolio of visible and infrared filters that have been designed into a growing number of applications in the biomedical optics market."

The optical filter product line for fluorescence spectroscopy includes excitation and emission filters as well as dichroic beam splitters. Single band and multi-band designs are available over a wide spectral range from UV to NIR. UV filters are available in the 200 to 400 nm wavelength band, in various dichroic or bandpass designs.

These new filters complement II-VI's portfolio of products and solutions for spectroscopy and life sciences that includes narrow linewidth laser diodes, diode pumped solid state (DPSS) lasers, multi-colored lasers systems, gratings, flow cells and custom assemblies, as well as precision air and fluid temperature control systems based on thermo-electric coolers.

II-VI will showcase its broad portfolio of products for fluorescence spectroscopy at SPIE Photonics West BiOS, Jan. 27-Feb. 1, 2018, in San Francisco, CA, Booth # 8725.

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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