

II-VI Photop Introduces Filters for Fluorescence and Raman Spectroscopy

PITTSBURGH, January 9, 2017 (GLOBE NEWSWIRE) – The II-VI Photop Group of II-VI Incorporated (NASDAQ:IIVI), a leading provider of high-performance optics, today announced the commercial availability of a complete line of optical filters for fluorescence and Raman spectroscopy.

Fluorescence spectroscopy is widely used in life science and medical instrumentation, including DNA sequencers and flow cytometers. Portable and handheld Raman spectrometers are expanding the Raman spectroscopy market, especially for on-site analysis in defense and security as well as agriculture and environmental applications. In support of these fluorescence and Raman applications, II-VI Photop's optical filters feature spectral profiles with high transmission, steep slopes, deep blocking, low loss and ripple as well as high isolation to enable maximum instrument sensitivity.

"Our high end filters, optics, opto-mechanical designs and assembly platforms in China and the U.S. are at the core of our innovations across a broad range of applications in life sciences," said Guanglong Yu, Chief Scientist, II-VI Photop. "Our technological capabilities and our strong portfolio of optics for spectroscopy position us for growth in emerging life science instrumentation markets."

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. The optical filter product line for Raman spectroscopy includes laser line, notch and edge filters. These filters are optimized for lasers operating at 532, 785 and 1064 nm or other custom wavelength requirements.

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, biocompatible precision optics and precision air and fluid temperature control systems based on thermo-electric coolers.

II-VI at SPIE Photonics West, Jan. 31- Feb. 2, 2017, South Hall, Booth # 1833

II-VI Incorporated innovations and capabilities being showcased at Photonics West 2017 will highlight the advances our material science and technology platforms have made possible for our customers in materials processing, industrial machine tools, biomedical instrumentation and the military. In addition to the new filters for fluorescence and Raman spectroscopy, II-VI

will launch several new high power semiconductor laser chips, modules and bars as well as high power laser optics for next generation CO₂, fiber and direct diode lasers.

About II-VI Photop

Photop is a leading photonics designer and integrated manufacturing company of optical and crystal components as well as assemblies serving the industrial laser, medical and life sciences, optical communications and instrumentation markets. With over 2,500 employees, including over 200 engineers and with a global manufacturing footprint, including state-of-the-art production lines in Vietnam, Santa Rosa California, and many other locations throughout China, Photop offers high quality precision optics, designs and engineers optical sub-assemblies, and provides a one-stop solution to our customers across the optical spectrum ranging from UV to 3 microns.

About II-VI Incorporated

II-VI Incorporated, a global leader in engineered materials and opto-electronic 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, with 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.

CONTACT: Brian Lin
Product Manager
II-VI Photop
Brian.lin@ii-vi.com
(+86) 591-8835 8241
www.ii-vi-photop.com

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