

## II-VI Incorporated Announces QOMO Laser Head Series for Biomedical Instruments

PITTSBURGH, January 18, 2018 (GLOBE NEWSWIRE) – II-VI Incorporated (NASDAQ:IIVI), a leader in laser subsystems, today announced the introduction of its new compact, low noise QOMO laser head series for analytical instruments in life sciences, including for flow cytometers, confocal microscopes and bio-medical imaging applications.

Improvements in medical research, clinical diagnosis and treatment outcomes rely on the wide availability of biomedical instruments that produce accurate test results rapidly and cost effectively. The extremely stable, low noise, optical output power of II-VI's QOMO laser head series enhances the measurement sensitivity of next generation flow cytometers, enabling greater accuracy and measurement throughput.

"The QOMO laser head series is a very cost effective solution due to its vertical integration of components manufactured in house, including semiconductor lasers, optics and thermo-electric coolers," said Di Yang, General Manager, II-VI Suwtech. "The high measurement sensitivity of flow cytometers is critical for clinicians who need to accurately identify residual traces of target cells or markers."

The QOMO series leverages II-VI's well-established hardware and software platform with decades of field-proven reliability in optical networks. Moreover, the QOMO laser output spot size and beam geometry can be configured to match a wide variety of host analytical instrument designs. The first lasers from the QOMO series operate at 488 and 638 nm for dual-wavelength flow cytometry configurations and with output powers of up to 150 mW for confocal microscopy applications. The series will expand to cover additional wavelengths to enable simultaneous fluorescence analysis and other bio-medical imaging applications.

II-VI broad portfolio of products for flow cytometry includes optics and filters for fluorescence spectroscopy in the visible and ultraviolet wavelength ranges, as well as sheath cells and precision air and fluid temperature control systems based on thermo-electric coolers.

II-VI will showcase its QOMO laser head 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



**Press Release**

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](http://www.ii-vi.com).

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