

II-VI to Showcase Broad Portfolio of Laser Solutions at LASER World of PHOTONICS 2017

PITTSBURGH, June 19, 2017 (GLOBE NEWSWIRE) – II-VI Incorporated (NASDAQ:IIVI), a global leader in engineered materials, optics and laser solutions, today announced that it will present a series of innovative and differentiated products at LASER World of PHOTONICS, June 26-29, 2017, in Munich, Germany. At its new booth location, booth 117 in hall A2, on an area of approximately 200 square meters, II-VI will showcase its unique laser solutions portfolio.

The exhibit will feature one of the broadest portfolios of merchant products for all laser technology platforms employed in high-power or precision materials processing. From ultraviolet to 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 a live robotic application, II-VI will demonstrate the new seam tracking feature of its scanner based remote laser welding head RLSK.

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.

New products include:

- **10 kW Fiber Laser Combiners:** II-VI's new fiber laser combiners enable fiber laser systems to scale to 10 kW by combining the output of multiple kilowatt-class fiber lasers to achieve faster cutting or welding speeds, or to process thicker sheets of metal. These fiber laser combiners undergo extensive tests on the manufacturing line to ensure high reliability and maintenance-free operation.
- **18 W Pump Diodes:** II-VI's new high brightness laser diodes feature a 190 μm wide output facet designed to achieve optimum coupling efficiency into widely used 200 μm core fibers. The increased output power per emitter enables fiber laser manufacturers to generate higher power levels with a reduced number of emitters.
- **Acousto-optic Q-switch (AOQS):** II-VI's AOQS modules enable DPSS lasers to generate high energy pulses at rapid intervals to increase the throughput of scribing, drilling and marking. The AOQS modules are designed with low-loss quartz and optical coatings that achieve a very high laser damage threshold rating of 1 GW/cm².

- **600 Watt Direct Diode Engine:** II-VI's DirectProcess 900, a direct diode laser engine, is now available with 600 Watt continuous output power, in a smaller form factor and with new network interfaces. II-VI's direct diode laser engines enable greater energy efficiencies and improved quality of workmanship in aluminum cutting and welding operations.

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. For more information, visit us at www.ii-vi.com.

CONTACT: Mark Lourie
Director, Corporate Communications
mark.lourie@ii-vi.com
www.ii-vi.com

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