

II-VI Infrared Offers Precision Polygon Scanner Mirrors

PITTSBURGH, January 4, 2017 (GLOBE NEWSWIRE) – The II-VI Infrared Division of II-VI Incorporated (NASDAQ:IIVI), a world leader in laser optics, today announced the general availability of precision polygon scanner mirrors.

New applications in the healthcare, aerospace and automotive industries require scanning systems operating at higher powers and increased speeds. II-VI Infrared’s polygon scanner mirrors address the facet geometry, flatness and roughness requirements for next generation fast scanning systems.

“Utilizing our global, state of the art diamond turning and coating platform, II-VI Infrared is providing high quality custom polygons to serve an expanding market,” said John Ryan, Vice President of Sales, II-VI Infrared.

II-VI Infrared offers several polygon scanner mirror designs, including prismatic, pyramidal and irregular polygons. The mirrors are available in a full range of sizes, shapes and substrate materials with dimensions up to 300 mm and facet angle tolerances up to 2 arc seconds.

II-VI Infrared will showcase its new polygon mirrors at SPIE Photonics West, January 31 - February 2, 2017, in San Francisco, CA, South hall, booth # 1833.

About II-VI Infrared

II-VI Infrared is the world leader in laser optics, delivering an unbeatable combination of innovation, quality, and expertise. II-VI Infrared also delivers the largest vertically integrated CO₂ laser optics manufacturing process - from raw materials to finished coated products - in the world. An optics foundry to laser original equipment manufacturers (OEMs) the world over, consistently building optics to spec with consistent performance and quality, with products ranging from spherical and aspherical lenses for high power 1um lasers to replacement CO₂ laser optics and nozzles, lenses, partial reflectors, windows, beam splitters, mirrors, beam expanders, reflective phase retarders, scanning-laser system optics, diamond-turned custom optics, IR optical materials (ZnSe, ZnS, ZnS MS, CVD Diamond), and more. Our products and reputation make us the number-one supplier to OEMs of CO₂ laser systems worldwide, while our capabilities are without rival in the industry.

About II-VI Incorporated

Press Release

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.

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