

For Immediate Release
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Tucson, AZ

Press Release

NP Photonics Delivers Samples of Optical Spectrum Analyzer Engines

Module Enables Benchtop-Accurate, Handheld Fiberoptic Sensing Instruments

NP Photonics (Tucson, AZ), a leading supplier of optical components and modules for the sensing and telecommunications markets, announced today that it has shipped samples of its precision Optical Spectrum Analyzer (OSA) Engines to three companies that manufacture fiberoptic sensing instruments.

“These shipments substantiate our ability to deliver modular products with higher levels of integration,” said President and CEO Chuck Chandler. “With the success of our optical fiber amplifiers and tunable filter products, we’ve proven that we can deliver valuable component-level products. Now, we’ve leveraged that success to take the next step along our product roadmap.”

The OSA Engine combines NP Photonics’ high-finesse Compliant-MEMS Fabry-Perot filter with a high-sensitivity power detector and an onboard wavelength calibrator on a single card. Designed for integration into handheld optical monitoring instruments and automated optical manufacturing equipment, the OSA Engine enables the development of handheld fiberoptic sensing instruments that have accuracy similar to benchtop instruments.

“The OSA Engine really is a unique product and our customers are very excited about the possibilities that the OSA Engine engenders in the form of product development,” added Chandler. “And since the OSA Engine has all the necessary control electronics and features already incorporated on the board it simplifies the integration process and accelerates our customer’s time to market. The feedback we’ve received since first unveiling this product has been tremendous.”

NP Photonics at Photonics West

Nasser Peyghambarian, Chief Technology Officer, founding member and chairman of the board at NP Photonics, will co-chair the OPTO 2003 Symposium at Photonics West, January 29-30. VP of Technology Shibin Jiang will co-chair Rare-Earth-Doped Materials and Devices VII at OPTO 2003 and present an invited paper titled “Multi-Mode Pumped Erbium Micro Fiber Amplifier.”

Founded in 1998, NP Photonics is the originator of Erbium Micro Fiber (EMF) technology and is dedicated to the design, manufacture and marketing of compact, low-cost, intelligent fiber-based products for the sensing and telecommunications industries. The company has developed a broad family of products

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based on its EMF and Compliant MEMS technology, including tunable filters, Optical Spectrum Analyzer Engines, fiber lasers, ASE Sources and fiber amplifiers.

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