



EOPC IS THE INDUSTRY LEADER IN STANDARD, CUSTOM AND OEM, RESONANT SCANNERS AND TUNING FORK CHOPPERS FOR THE PHOTONICS INDUSTRY

Sneak Preview

LASER World of Photonics, Munich, Germany, May 13-16, 2013

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New Flexible MTF Test Station

TRIOPTICS and Wells Research introduce the new **ImageMaster[®] Compact**, a modular and cost-effective MTF Test Station for use in prototype and small serial production. It is a motorized, horizontal table-top instrument capable of measuring the MTF and other optical parameters.

TRIOPTICS GmbH

see us at Hall B2 Booth 307

www.trioptics.com

Multispectral Sensing Solutions

PIXELTEQ debuts a new line of micro-patterned optical filters, **PixelSensor narrow-band photodiodes**, and SpectroCam multispectral cameras. Micron-scale dichroic filter arrays help OEMs shrink multi-wavelength sensors into a single compact package and enhance optical performance across UV, visible, and NIR applications.



PIXELTEQ

see us at Hall B1 Booth 379

www.pixelteq.com



Mini Sub-Miniature Optical Scanner

The low cost **SMALLEST SIZE** optical (fixed frequency) scanner with the large mirror fits small instruments and portable and handheld systems. The scanner's mirror size truly differentiates the product from MEMS-based scanners. Can be used as an intra cavity Q-Switch.

Electro-Optical Products Corp.

see us at Hall B1 Booth 421

www.eopc.com

Ultra-low Frequency THz-Raman[™] Systems

Ondax's **THz-Raman[™] Filter Systems** and **SureBlock[™] Notch Filters** extend Raman measurement capability from the fingerprint region into the THz/ultra-low-frequency regime (down to $\sim 5\text{cm}^{-1}$) with high throughput and enable molecular/intermolecular structural analysis from most Raman spectrometers and microscopes.



Ondax

see us at Hall B1 Booth 531/2

www.ondax.com



6300 Series Laser Diode Controller

The Arroyo Instruments **6300 Series ComboSource** is a combination laser driver and temperature controller in a single, compact enclosure, combining a 60 Watt temperature controller and up to 4 Amps of current drive to provide a stable, low-noise controller for your laser or LED application.

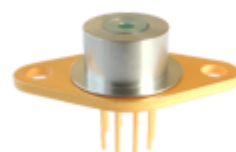
Arroyo Instruments

see us at Hall B1 Booth 381

www.arroyoinstruments.com

NEW! DFB Lasers from 3 - 6 μm

nanoplus launches application-grade monomode lasers based on Interband Cascade technology. They enable high-accuracy spectroscopic absorption measurement applications throughout the entire wavelength range from 3-6 μm while operating with low power consumption. The new devices from nanoplus run in cw mode at room temperature.



nanoplus Nanosystems and Technologies GmbH

see us at Hall B1 Booth 671

www.nanoplus.com



DILAS - High-Brightness, High-Power

Product highlights presented by DILAS at the Laser World of Photonics 2013 in Munich, Germany include: high-brightness fiber-coupled modules, blue and red fiber-coupled modules, single emitter fiber-coupled modules, high-brightness, turnkey diode laser systems and high-power, turnkey diode laser systems up to 6kW.

DILAS

see us at Hall C2 Booth 402

www.DILAS.com

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2013 Laser World of Photonics

Laser-based additive manufacturing, poised to usher in a new era in the industrial market, will be a highlight of Laser World of Photonics 2013 in Munich May 13-16. Trade show visitors will have ample opportunities to gather detailed information about the current state of this new technology and try it out for themselves.

Unlike conventional techniques used to process metals and plastics, light makes it possible to affordably manufacture even complex products with the smallest dimensions, the widest range of materials and complex geometries.

For the first time ever, visitors attending Laser World of Photonics 2013 can personally experience the potential that this technology has to offer in the special show "Digital Photonics Production" in Hall C2, Stand C2.340. The special show, organized by Messe München and the Fraunhofer Institute for Laser Technology and RWTH Aachen University, will show the entire production chain - from digital data to customized or complex components - ready for series production and using the tool of light.

Three design and production stations will allow tradeshow visitors to experience "live" the many advantages that digital photonics production has to offer the automotive industry, aviation/aerospace, power engineering, lightweight design, medical technology and the consumer sector (mass customization). The design and production stations will give them a look at corresponding software tools, machines and exhibits, and visitors will have a chance to experience the practical side of digital photonics production themselves under professional supervision.

Another special presentation, "Photons in Production," will be held in Hall C2, Stand C2.621. With the theme Building Blocks for the Future, Photons in Production will focus on laser-based materials processing that gives modern production engineering a number of ways to meet future challenges, such as energy-efficient manufacturing. The iwB at TU Munich and the Bavarian Laser Center will present systems ranging from affordable 3-D printers to manufacturing techniques for industrial use.

Lasers in Manufacturing (LiM 2013) will also be a featured session in the World of Photonics Congress 2013, which is collocated with Laser World of Photonics. Organized by the German Scientific Laser Society (WLT), LiM 2013 is a scientific conference that focuses on the latest developments, as well as future trends, in laser-based materials processing.

Stop by our booth

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