

Sneak Preview

Photonics West, San Francisco, Calif.
February 7-12, 2015

PHOTONICS MEDIA

THE PULSE OF THE INDUSTRY



ISSUE 2

Tuesday, January 20, 2015



PrismMaster Precision Goniometer

The **PrismMaster®** is a high precision and versatile automatic goniometer for angular measurements of prisms, polygons and wedges. The user friendly software offers a fully automatic measurement process of standard prisms. Transmission measurements and refractive index calculations are performed by software.

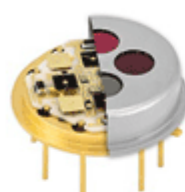
TRIOPTICS GmbH

See us at booth 1833

www.trioptics.com

NEW IR-Detector for Gas Analysis

InfraTec offers a **low-power detector with four channels**, so that three gases can be measured simultaneously and a reference channel is also available. Due to high sensitivity, the LMM-274 is ideal for identification of alcohol or chlorinated hydrocarbons, (8 ... 12) microns.



InfraTec

InfraTec GmbH

See us at booth 4323

www.infratec-infrared.com



New sCMOS & High-Speed Cameras

PCO-Tech, leading manufacturer in sCMOS, CMOS & CCD camera systems, introduces the latest developments of the sCMOS camera family, which are called **pco.edge 4.2 LT & pco.edge 3.1**. Furthermore we are going to present our novelties of our High-Speed cameras, named pco.dimax cs & pco.flow.

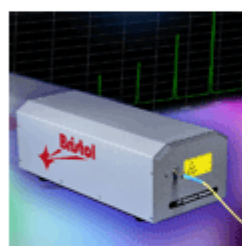
PCO-TECH Inc.

See us at booth 411

www.pco-tech.com

New Laser Spectrum Analyzer

The new model 771 measures the spectral characteristics of CW and pulsed lasers that operate from 375 nm to 12 µm. Wavelength accuracy is as high as +/- 0.0001 nm and spectral resolution is as high as 2 GHz.



Bristol Instruments

See us at booth 606

www.bristol-inst.com



Precision Polymer Optics

G-S PLASTIC OPTICS has a rich tradition of producing high-performance **injection molded polymer optics** in significant volumes for the military and civilian night-vision and visible-range sighting industries in addition to the consumer, medical, LED lighting, biomedical and analytical instrument marketplaces.

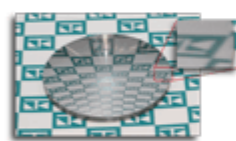
G-S PLASTIC OPTICS

See us at booth 1011

www.gsoptics.com

NTKJ's Germanium Fresnel Lens

NTKJ has developed a Fresnel lens for IR applications using Germanium. The Japanese-based sheet lens manufacturer, specializing in ultra-precision machining, added the **Germanium Fresnel lens** to their product line-up. Please note that NTKJ will co-exhibit with "OPTRONICS".



RHK Japan

See us at booth 4912

www.ntkj.co.jp



843-R-USB Economic Handheld Power Meter

The **843-R-USB** is a low-cost power meter capable of measuring from pW to thousands of Watts, in an ergonomically designed compact body. With the PM Manager™ Application Software, turn your PC into a full optical power meter workstation.

Newport Corporation

See us at booth 1401

www.newport.com

Scale It Up!

LaCroix Optical focuses on working with you to take your designs from paper, to prototype, and into high volume-production. Stringent process and quality controls give you confidence that what worked once will work a thousand times. **Partner with LaCroix.**



LaCroix Optical Co.

See us at booth 4526

www.lacroixoptical.com



Esco Optics - RISING IN 2015

2015 will be an exciting year for Esco Optics. We are moving into our new 34K sq ft building and are upgrading and expanding our manufacturing capabilities and capacities. Contact Esco for your **aspherical, spherical, plano and coated optics** requirements.

Esco Optics

See us at booth 4204

www.escooptics.com

2015 Photonics West

SPIE Photonics West is touted as the #1 international laser, photonics and biomedical conference and trade show. Held annually, several topic-specific sessions are presented, in addition to exhibitions, courses, a job fair, and special events in technology, industry, networking and others.



A projected 20,000 attendees will see nearly 1,250 exhibiting companies and 4,700 papers on biomedical optics, biophotonics, translational research, industrial lasers, optoelectronics, microfabrication, 3-D printing, MOEMS-MEMS, optical communications, displays and more.

Sessions to be held include BiOS 2015 (Biophotonics and Biomedical Optics), which offers the latest on biomedical optics, diagnostics and therapeutics, biophotonics, new imaging modalities, optical coherence tomography, neurophotonics, optogenetics and tissue optics. LASE 2015 (Laser Technology and Industrial Laser) features the latest laser manufacturing, laser materials processing, micro-nano packaging, fiber, diode and solid state lasers, laser resonators, ultrafast and semiconductor lasers and LEDs, and 3-D fabrication technologies.

The OPTO 2015 (Optoelectronics and Photonics) session demonstrates the latest on silicon photonics, photonic crystals, optoelectronics, semiconductor lasers, quantum dots and nanophotonics research. This also addresses the latest developments in a broad range of optoelectronic technologies and their integration for a variety of commercial applications. Green Photonics 2015 highlights papers from OPTO and LASE that showcase the latest photonics and optoelectronic tools and materials that will reduce power consumption, enable cleaner manufacturing, and create new energy generation for a broad range of applications.

The Applications of 3-D Printing 2015 will focus on papers from BiOS, LASE and OPTO that showcase innovative ways to apply this multidimensional, multidisciplinary technology.

Exhibitions to be held are the BiOS Expo (February 7-8), which focuses on biomedical optics and biophotonics, and the flagship Photonics West exhibition (February 10-12), which features companies from around the world sharing the latest products, tools and applications for research and business.

The BiOS Expo showcases the latest technologies and demonstrations from more than 230 companies in the biomedical optics and photonics industries. Exhibitors include Hamamatsu Corp., Agilent Technologies Inc., Edmund Optics, Jenoptik and Thorlabs.

The Photonics West Exhibition will feature an international collection of more than 1,200 companies such as Electro-Optics Technology Inc., Powerlase Photonics, Trioptics and Hamamatsu Corp.

SPIE Photonics West is also the stage for the Prism Awards for Photonics Innovation. This is an annual competition recognizing new products and innovative inventions that solve problems and improve quality of life.

Stop by our booth

Visit Photonics Media at booth 522-523 to pick up the latest issues of *Photonics Spectra*, *BioPhotonics*, *EuroPhotonics* or *Industrial Photonics* magazines. While you're there, visit our photo booth and get your face on the cover of an issue of *Photonics Spectra* or enter our drawing for a \$100 Amazon gift card! As always, you can also visit us online at www.photonics.com

PHOTONICS.com

Questions: pr@photonics.com

Unsubscribe: <http://www.photonics.com/Newsletter/EmailUnsubscribe.aspx>

[Subscribe](#) | [Manage Subscriptions](#) | [Privacy Policy](#) | [Terms and Conditions of Use](#)