

PHOTONICS showcase

PHOTONICS MEDIA

THE PULSE OF THE INDUSTRY



September 2014

Featured Products in This Issue



Motion for Test/Inspection
Aerotech, Inc.

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Aerotech motion systems' unmatched precision, accuracy and durability have made us a leader in test, measurement and inspection applications across a variety of industries. Our catalog, Motion and Automation for Test, Measurement and Inspection, presents motion capabilities in applications as diverse as sensor testing, surface profiling, nondestructive test, and semiconductor inspection and metrology. Aerotech expertise includes systems for vacuum and cleanroom environments, as well as integrated automation and data acquisition for a complete solution.



Dual iSPIM
Applied Scientific Instrumentation, Inc.

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ASI has developed a new form of light sheet microscopy with its collaborators. The system utilizes two water immersion objectives mounted at 45° angles above the sample on an inverted microscope. A third objective also can be used to view the sample from below. The top objectives are mounted on piezo positioning devices so precise image stacks can be obtained.



Industrial Fiber Laser Oscillator
Coherent Inc.

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Fidelity, a sealed-box fiber laser, delivers short (<70 fs) pulse widths and high (>2 W) average power at 1055 nm in a rugged, compact platform. Fidelity is an economical, zero-maintenance oscillator offering an air-cooled, small-footprint (12.5 x 12.5 in., 318 x 318 mm) package producing a high-quality (M2 <1.2) output beam - ideal for demanding applications in multiphoton imaging, terahertz generation and fundamental materials research.



The New Goldeye
Allied Vision Technologies GmbH

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Allied Vision Technologies' all-new Goldeye short-wave infrared camera (SWIR) provides best-in-class image quality through its compact, fan-less design, full 14-bit low-noise imaging and onboard image correction. Its GigE Vision interface, Power over Ethernet, comprehensive I/O control options, multiple fixation facilities, and more allow for easy integration into industrial and scientific imaging systems. Become "inspIRed" and visit our website for more information.



Laser Wavelength Meters
Bristol Instruments, Inc.

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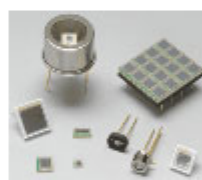
PC-Controlled Variable Coupler
Evanescent Optics

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C111C MultiWave Coated Filter
Kentek Corporation

[Request Info](#)



Low-Light Detectors
Hamamatsu Corp.

[Request Info](#)



Sapphire Wave Plates
Meller Optics, Inc.

[Request Info](#)



Red Laser
Necsel

[Request Info](#)



Automatic Centering Machine with Robot
Mildex Inc.

[Request Info](#)



Glass Wafers
Sydor Optics

[Request Info](#)



HEM® Ti Sapphire
GT Advanced Technologies

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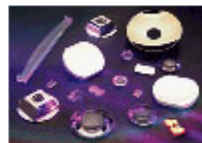
Polish Bare Fibers at Variable Angles
KrellTech

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Spectroscopy-Certified Laser Diodes
Photodigm Inc.

[Request Info](#)



Precision Polymer Optics
G-S Plastic Optics

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Optical Laboratory Equipment
Terahertz Technologies

[Request Info](#)



USB Shutter
Picard Industries

[Request Info](#)



Microscope Objectives
Optics Technology

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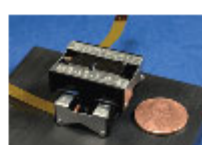
Got Distortion?
Siskiyou Corp.

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CNC Four-Axis Micromachining of Optics
Valley Design Corp.

[Request Info](#)



All-in-One USB Microstage
New Scale Technologies

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