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**Featured Products in This Issue**



**Nanopositioners**

Aerotech, Inc. [Request Info](#) [Visit Website](#)

Aerotech's unique long-travel nanopositioners for applications requiring nanometer and sub-arcsecond accuracies are suitable for both laboratory and industrial applications. Products include single- and dual-axis linear nanopositioners with 1-nm resolution, ±250-nm accuracy and travels from 25 to 160 mm; rotary nanopositioners with 0.01-arcsecond resolution, 0.005-arcsecond in-position stability, and 360° continuous or limited rotation; as well as nanopositioning goniometers, and vertical lift and "Z" stages.



**High-Power Fiber-Coupled Laser Diodes**

Coherent Inc. [Request Info](#) [Visit Website](#)

High-power fiber-coupled laser diodes in fiber array packages (FAP) are available in wavelengths ranging from 785 to 980 nm. The FAPs have standard SMA 905 connectors (optional fibers in various lengths). FAPs are ideal as pump diodes for solid-state lasers, or for direct materials processing applications such as plastics welding and soldering.



**Dual iSPIM**

Applied Scientific Instrumentation, Inc. [Request Info](#) [Visit Website](#)

ASI has developed a new form of light-sheet microscopy with its collaborators. The system uses 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.



**Diamond E-250 Pulsed CO2 Laser**

Coherent [Request Info](#) [Visit Website](#)

Coherent Diamond E-250 is a fully sealed, pulsed CO2 laser offering 250 W of average power and >750 W of peak power in a fully integrated compact package. It is ideal for materials processing applications, including converting, cutting, drilling, scribing, engraving and marking at the lowest cost of ownership per watt.



**Red Laser**

Necsel [Request Info](#)



**Fiber Laser**

JDSU [Request Info](#)



**Smart GigE Camera**

Imaging Solutions Group [Request Info](#)



**Laser Wavelength Meters**

Bristol Instruments, Inc. [Request Info](#)



**LC Tunable Filters**

Perkin Elmer [Request Info](#)



**Wide Variety of Detectors**

Hamamatsu Corp. [Request Info](#)



**CMOS High Speed Camera**

Ametek - Vision Research [Request Info](#)



**OCT Imaging Products**

Axsun Technologies [Request Info](#)



**Take Control of Your Laser**

Brockton Electro Optics Corp. [Request Info](#)



**New NIR Absorbing Filter**

Schott North America - Advanced Optics [Request Info](#)



**Photodiode Amplifier**

Terahertz Technologies [Request Info](#)



**CNC Four-Axis Micromachining**

Valley Design East [Request Info](#)



**Microscope Objectives**

Optics Technology [Request Info](#)



**Compact Multispectral Sensor**

Pixelteq - Unit of Ocean Thin Films [Request Info](#)



**Entry Guard System**

Kentek Corporation [Request Info](#)



**Wavefront Sensors**

Lumetrics [Request Info](#)



**Automatic Centering Machine**

Mildex Inc. [Request Info](#)



**Sapphire Wave Plates**

Meller Optics, Inc. [Request Info](#)



**High Power UV**

JDSU [Request Info](#)



**Relentless Engineering**

Siskiyou Corp. [Request Info](#)



**Glass Wafers**

Sydor Optics [Request Info](#)



**Temperature Controller**

Wavelength Electronics [Request Info](#)



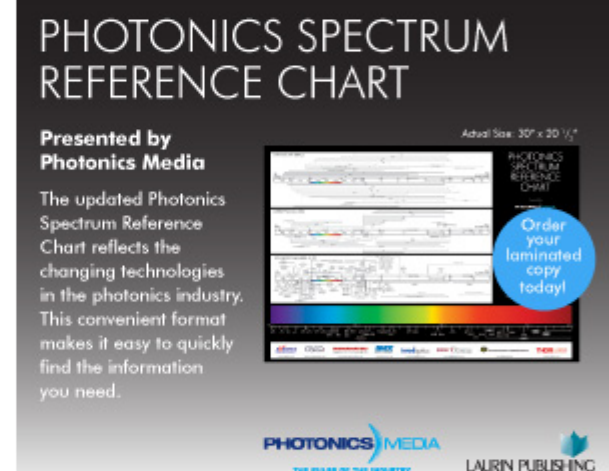
**Green Laser**

Necsel [Request Info](#)



**Transform the Way You Read**

Photonics Media



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