

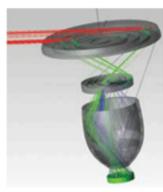


Cover

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**Featured Products in This Issue**



**Announcing TracePro 7.3 Software**

Lambda Research Corp. [Request Info](#) [Visit Website](#)

The TracePro 7.3 release enhances its optomechanical analysis and design capabilities by adding a fully automated interactive solar analysis utility. This utility uses user-defined input for geographical location, period of sun travel and solar power emission to simulate cloudy- to clear-day calculations. Utility output includes irradiance, candela and flux reports on targets.



**Test, Measurement and Inspection Catalog**

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

Aerotech motion systems' unmatched precision, accuracy and durability have made us a leader in test, measurement and inspection applications across a wide array of industries. Our newest catalog presents motion capabilities and solutions in sensor testing, surface profiling, nondestructive test, semiconductor inspection and metrology, cleanroom and high-vacuum systems, and integrated automation and data acquisition.



**Introducing a New 250W CO<sub>2</sub> Laser**

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

The new DIAMOND E-250 is the latest member of Coherent's E-Series of CO<sub>2</sub> lasers. Offering both 10.6 μm and 9.4 μm wavelengths, the E-250 targets a wide range of materials processing applications where throughput, quality, process capability and low cost of ownership are critical - and where a minimal footprint is desired.



**CCD Camera with Active Cooling**

Allied Vision Technologies GmbH [Request Info](#) [Visit Website](#)

Allied Vision Technologies introduces the Bigeye G-283 Cool. This camera features Sony's highly sensitive 2.8-megapixel ICX674 sensor with EXView HAD CCD II technology and 4.54-μm pixel pitch. Thanks to its Peltier cooling unit, it has an excellent dynamic range and outstanding signal-to-noise ratio and is perfectly suited for scientific applications with low light conditions requiring long exposure times.



**Optically Pumped Semiconductor Laser (OPSL) Technology**

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

Coherent's family of high power CW lasers provides solutions to a broad set of markets. And a wide range of output powers and wavelength scalability, allows OPSSLs to be tailored to the needs of your specific application.



**Submicron Motion Control and More**

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

Applied Scientific Instrumentation (ASI) manufactures top-of-the-line products for submicron positioning and microscopy, including DC servomotor stages, stages with integrated piezos that provide high-speed nanometer resolution, LED-based feedback systems for maintaining focus stability, even while scanning, and autofocus systems. ASI offers individual components as well as complete turnkey motion control and microscopy systems. We offer custom solutions for OEMs, and our products are designed for long life under demanding applications.



**Coherent's OBIS Scientific Remote**

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

The OBIS Scientific Remote provides a power, display and graphical user interface touch screen for up to six separate lasers and CDRH compliant package. Each OBIS Scientific Remote has a unique IP address and an Ethernet port enabling any network connected computer to interactively operate and control the remote from any location.



**Variable-Ratio Fiber Optic Coupler**  
Evanescence Optics Inc. [Request Info](#)



**NASA Low Outgassing Epoxy**  
Master Bond Inc. [Request Info](#)



**Detection Made Small and Simple**  
Hamamatsu Corporation, Sub. of Hamamatsu Photonics K.K. [Request Info](#)



**Expanded IR Catalog**  
ISP Optics Corporation [Request Info](#)



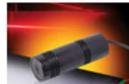
**World's First Smart Spectrometer**  
Saelig Co. Inc. [Request Info](#)



**Precision Machining Sapphire/Ceramics**  
Insaco, Inc. [Request Info](#)



**USB Shutter**  
Picard Industries [Request Info](#)



**New USB TEC Compact Laser System**  
World Star Technologies [Request Info](#)



**OptiAngle Test Station**  
United Lens Co., Inc. [Request Info](#)



**Automatic Centering Machine with Robot**  
Mildex, Inc. [Request Info](#)



**Total Laser Diode Control via USB**  
Wavelength Electronics, Inc. [Request Info](#)



**Large-Diameter Fiber Splicer**  
Vytran LLC, Member of the NKT Group [Request Info](#)



**Sapphire Wave Plates**  
Meller Optics, Inc. [Request Info](#)



**Third-Generation Entry-Guard System**  
Kentek Corporation [Request Info](#)



**Fiber Coupler**  
Siskiyou Corporation [Request Info](#)



**Glass Wafers**  
Sydor Optics, Inc. [Request Info](#)



**Optical Laboratory Equipment**  
Terahertz Technologies, Inc. [Request Info](#)



**50 & 100 Volt Pulse Generators**  
Avtech ElectroSystems Ltd. [Request Info](#)



**Repair Damaged Fiber Connectors**  
KrellTech [Request Info](#)

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