

showcase



PHOTONICS MEDIA

March 2016

Bi-monthly product-focused newsletter with highlights from the latest issue of Photonics Showcase. Use the Request Info links below to ask for more information about these products, or visit Photonics.com/rssc.

Featured Products

Custom CMOS & CCD Cameras

From: **Critical Link, LLC**

Customizable CMOS & CCD cameras with sensors from Hamamatsu, CMOSIS and Fairchild Imaging for OEMs and systems integrators working on industrial, medical, scientific and surveillance applications. Models incorporate on-board image-processing capabilities, with multiple interface options in board set and enclosed camera configurations.



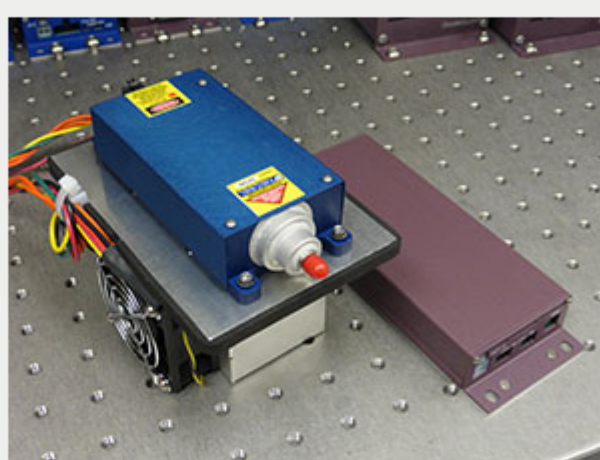
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High-Power, Low-Cost RGB Visible Lasers

From: **Necsel IP, Inc.**

The Necsel RGB NovaLum 1200 offers 1200 lumen brightness levels at D65 and combines red, green and blue lasers into a 400- μ m fiber-coupling. Each laser can be individually modulated and mixed to generate white light or any color in the full color spectrum. Combined with Necsel Development Kits, the system offers a complete solution to quickly enable your next product.



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Additional Products



16-Position Filter Wheel

Applied Scientific Instrumentation, Inc.

ASI's FW-1000 16-position filter wheel utilizes a closed-loop DC servomotor to provide high speed (less than 40 milliseconds between adjacent positions) and low vibration operation ($<3 \times 10^{-4}$ kg·m²/s maximum vibration torque impulse).

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ImageMaster Compact – Lens Test Bench

Wells Research Inc.

The ImageMaster Compact is a turn-key, bench-top instrument capable of measuring image quality (MTF) and many other lens/optical parameters.

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Micro-spectrometers

Hamamatsu Corporation

Hamamatsu's micro-spectrometers are UV-visible-NIR spectrometers the size of a fingertip. The micro-spectrometers' small size makes them ideal for integration into compact devices.

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Sapphire Wave Plates

Meller Optics, Inc.

Meller Optics sapphire wave plates for Er:YAG and holmium lasers extend polarization into the infrared and provide superior damage resistance to quartz and mica.

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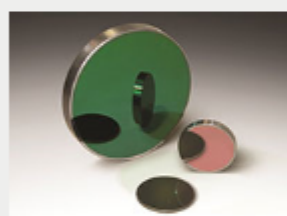


New High-Speed Laser Wavelength Meter

Bristol Instruments, Inc.

Bristol Instruments has introduced the model 871, a laser wavelength meter that measures the absolute wavelength of pulsed and CW lasers at a rate as high as 1 kHz.

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Infrared Coatings and Filters

Andover Corp.

Andover Corporation offers a wide range of IR coatings and filters up to 14 μ m, in many custom sizes and shapes.

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XPS-RL Universal Motion Controller

Newport Corporation

The user-friendly, 4-axis, XPS-RL universal motion controller drives a variety of motor types and executes complex motion through a high-speed Ethernet TCP/IP interface.

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Precision Polymer Optics

GS Plastic Optics

GS Plastic Optics works with executives and program managers to solve complex optical challenges.

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Space Qualified Laser Diodes

Photodigm Inc.

Photodigm has completed its first campaign on high reliability space qualified DBR laser diodes in the Mercury™ and butterfly packages.

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Mini 'All-in-One' Beam Steering

New Scale Technologies, Inc.

The easy, all-in-one solution for beam steering! Rotary microstage features built-in controller for smallest size and elegant simplicity.

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QNP_HD Piezo Nanopositioning Stages

Aerotech, Inc.

Aerotech's QNP_HD single-axis piezo nanopositioning stages provide the benefits of both a stage and actuator in one compact, high-stiffness package.

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High-Speed Photodetectors

Electro-Optics Technology, Inc.

EOT manufactures a complete line of quality, high-speed photodetectors that deliver a fast and clean response.

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SPIM Stage

Picard Industries

Our USB 4D-Stage system offers a compact and precise method of four-axis position control. These motions are in the X, Y and Z, with Y rotation of a specimen tube.

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Photodiode Transimpedance Amplifier

Terahertz Technologies, Inc.

The PDA-750 Photodiode Amplifier is a low-noise, high-gain transimpedance amplifier that is designed to provide a direct digital readout of the current generated from a photodiode, photomultiplier or similar current source.

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TriAngle Autocollimators with USB 3.0

TRIOPTICS GmbH

TriAngle electronic autocollimators from TRIOPTICS are well-known in the market for their excellent accuracy combined with a large measuring range.

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LS-Series Linear Stages

Applied Scientific Instrumentation, Inc.

ASI's LS-Series of Linear Stages can be used in many applications that require precision motion control and micropositioning.

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Questions: info@photonics.com

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