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PREVIEW

PHOTONICS
MEDIA photonics.com

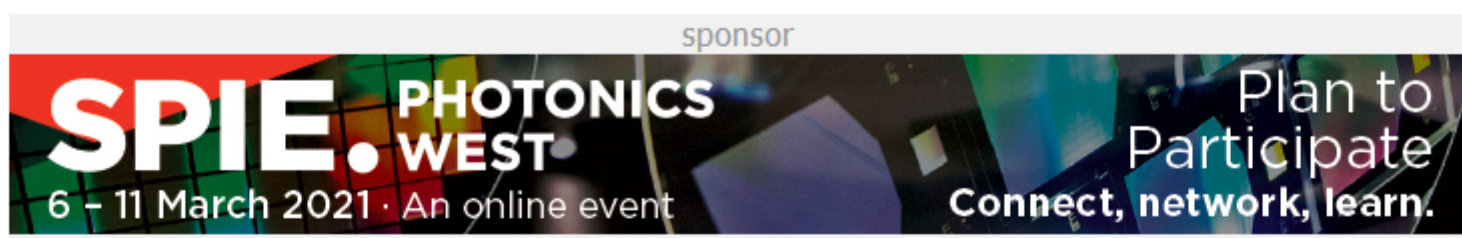
SPIE Photonics West 2021

SPIE. PHOTONICS WEST

Photonics West 2021 Shifts to Digital Forum Model, Will Feature On-Demand Viewings

World-class presenters and exhibitors highlight SPIE Photonics West 2021, taking place March 6 to 11. The digital event features mainstay segments and conferences, including BIOS, LASE, and OPTO, as well as Quantum West, a new edition to this year's digital forum. Attendees will be able to view live plenary sessions, visit a digital marketplace, explore technical conferences, and attend live events. The Prism Awards ceremony will take place virtually on March 3, prior to the launch of the Photonics West Digital Forum.

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.: Featured Exhibitors

New Products & Product Giveaways

From: Hamamatsu Corporation

Get a preview of Hamamatsu's new and upcoming products including detectors, image sensors, spectrometers, light sources, and cameras for various applications such as LIDAR, distance measurement, gas analysis, water analysis, food/agriculture, life sciences, microscopy, and machine vision. You can also enter our giveaways for your chance to win free products. Visit our Photonics West page for more info.

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HAMAMATSU

WiDy SenS 1280 - SXGA SWIR Camera

From: New Imaging Technologies (NIT)

WiDy SenS 1280 is the newest member of NIT SWIR InGaAs camera series. This camera provides a high resolution of 1280 x 1024 px @ 10 μm pixel pitch, a high sensitivity with a typ. RON < 40 e- while preserving the unique HDR LOG response. The camera will be available in USB 3.0 in May 2021 and CameraLink in summer 2021. Both NIT's InGaAs sensors and cameras are developed and manufactured by NIT in France.

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FF Ultra 920 – Unmatched Brightness

From: TOPTICA Photonics Inc.

The FemtoFiber Ultra 920 provides the best image brightness with short pulses, high power, and a clean temporal pulse shape. With TOPTICA's Clean-Pulse Technology, the FemtoFiber ultra 920 features the highest relative peak power and enables unmatched brightness in 2-photon microscopy without unwanted heating of the sample. Turnkey and intuitive operation and fully-integrated dispersion compensation ensure shortest pulses at the sample and built-in power control makes the system extremely user-friendly.

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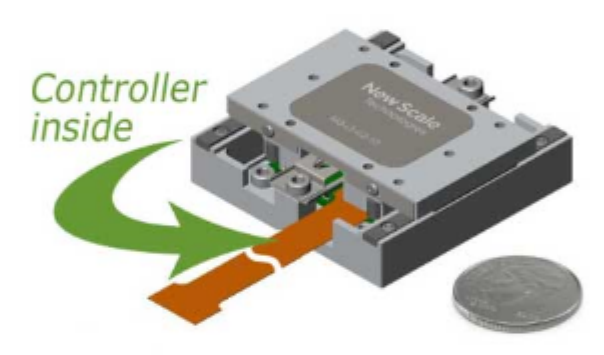
Smart Stage for Embedded Motion

From: New Scale Technologies Inc.

A new precision microstage brings Smart Stage advantages to high-volume production. The M3-LS-U2 Linear Smart Stage has the small size, low power and fast integration benefits of the M3-LS family – in a new model optimized for long life and high-volume manufacturing. It is a cost-effective solution for embedded motion in instruments for DNA sequencing, wearable medical devices, handheld video microscopes, portable spectroscopy instruments, handheld imaging systems, and laser beam steering.

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CMOS Cameras-MiniSpectrometers-HSI

From: HORIBA Scientific

Our OEM line has grown exponentially in 2020: From Diffraction Gratings to Fiber Spectrometers and MultiSpectra Systems, to Hyperspectral Imaging Systems and Scientific Cooled Cameras with 95% QE sCMOS sensors or affordable CCD and Linear CMOS sensors. Our E-book provides links to our new Star products and established ones. UV-VIS-NIR OEM Engines are used in high volume industrial applications ranging from SEMICON to LIFE SCIENCE & MEDICAL applications: Capillary Electrophoresis, HPLC, OES, HSI...

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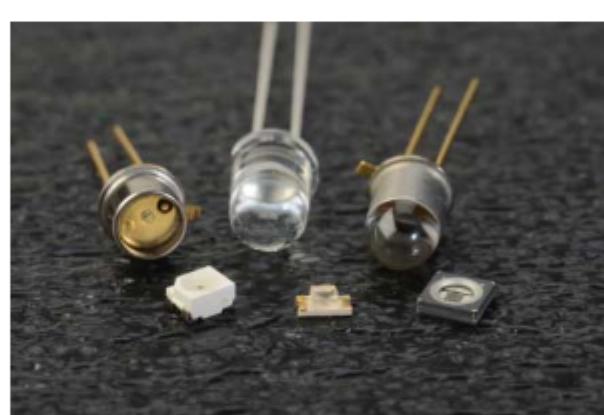
Next Generation of SWIR Emitters

From: Marktech Optoelectronics Inc.

With emissions ranging from 1040 nm to 1650 nm this series offers power output of 2X with better reliability and lifetime over previous SWIR devices. In addition Marktech offers custom packages, with options such as various wavelengths, emitters, detectors, and assemblies. Among the target industries are medical, communications, security, wearable, and industrial agriculture. Marktech offers its series of SWIR emitters and compatible detectors through Digi-Key.

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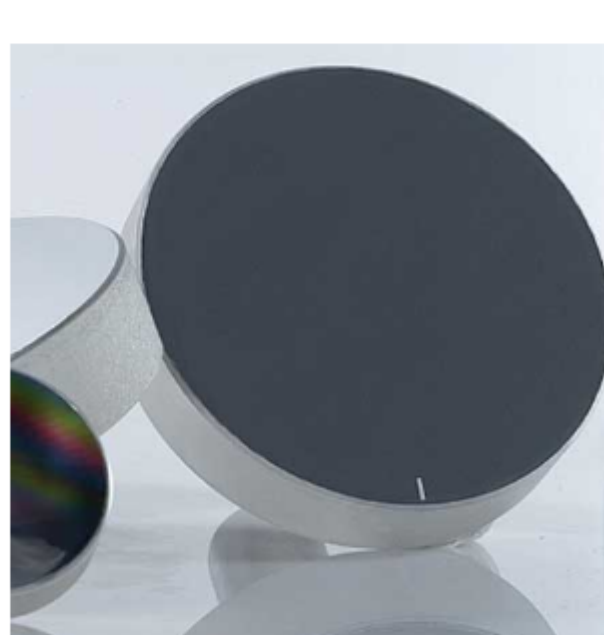
Aspheric Mirrors & Gratings

From: Spectrum Scientific Inc. (SSI)

Spectrum Scientific Inc. (SSI) manufactures high-volume hollow retroreflectors, aspheric and freeform mirrors, and plane and concave blazed holographic gratings using optical replication allowing us to supply high fidelity, high specification precision optics at a lower cost compared to traditional manufacturing. Our freeform, OAP, and ellipsoid mirrors can be supplied with surface figures down to λ/10 or better and our blazed gratings offer high UV efficiency with ultralow stray light.

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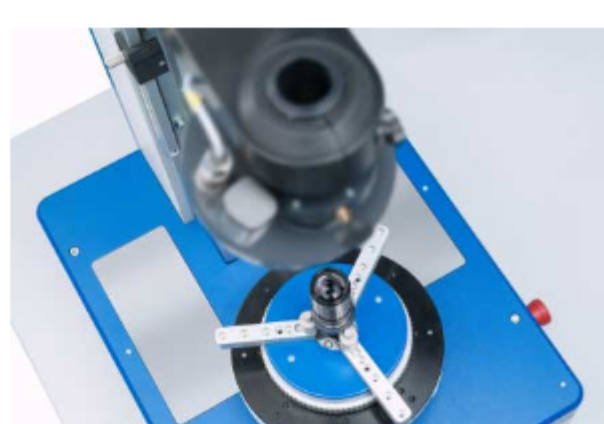
Speed Up Your Lens Assembly

From: TRIOPTICS GmbH

The compact standalone OptiCentric® 101 Dual is the latest addition to TRIOPTICS' optical centration testing and is particularly recommended for complex optical systems. Thanks to the simultaneous measurement of its two optical heads, it reduces process time up to 50%. The rigid system also facilitates high-precision lens alignment. We look forward to meeting you and discussing your individual requirements at the SPIE Digital Forum!

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VISIT OUR BOOTHS IN THE VIRTUAL MARKETPLACE

Visit us in the Virtual Marketplace at [BIOS](#) and [Photonics West](#) to see the latest from Photonics Media and subscribe for free.



During the digital forum, our staff will be available for 1:1 conversations during the following times: Monday, March 8 from 12:30 PM - 5:00 PM EST, Tuesday, March 9 from 10:00 AM - 5:00 PM EST, Wednesday, March 10 from 2:00 PM - 5:00 PM EST, and Thursday, March 11 from 8:30 AM - 5:00 PM EST.

And as always, you can visit us online at www.photonics.com

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