



SPIE Photonics West 2023



Photonics West 2023 Packs New Momentum and Industry Highlights

SPIE's preeminent photonics technology showcase, Photonics West, continues to rapidly restore the momentum lost during the pandemic. The show, which returns to San Francisco's Moscone Center Jan. 28-Feb. 2, will feature 4500 presentations and host over 1000 exhibits. Professionals from around the world will convene to sample the latest advancements in optics and photonics technologies.

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sponsor

Turn your vision into reality with optical gratings and spectrometer modules by ZEISS



Featured Exhibitors

871 Series Laser Wavelength Meter

From: Bristol Instruments Inc.

Bristol's popular 871 Series Laser Wavelength Meter uses a proven Fizeau etalon-based interferometer design to measure the wavelength of both pulsed and CW lasers from 375 nm to 2.5 μm. The 871 system measures the laser wavelength to an accuracy as high as ±0.0001 nm at a sustained rate of 1 kHz, ensuring the most confidence in your experimental results. Visit us at booth #233 to learn more.



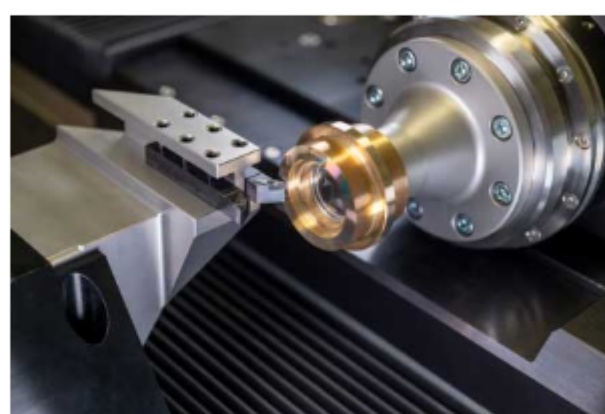
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Fast Alignment Turning

From: TRIOPTICS GmbH

TRIOPTICS presents the new ATS-C CNC alignment turning station. Featuring a horizontal design and CNC capabilities, the ATS-C can be quickly integrated into existing production environments as a full-fledged turning machine. Its primary application, however, is the alignment turning of small, mounted lenses. Since the parts do not have to be aligned in the ATS-C, cycle times are usually shorter. Visit us at booth #1241.



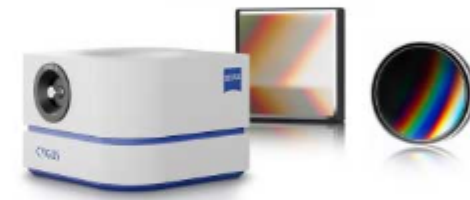
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Focus Your Perspective on Quality

From: Carl Zeiss Spectroscopy GmbH

Optical gratings and spectrometer modules from ZEISS provide the performance, quality, and flexibility to support you in the widest variety of industries and applications. From chemistry, laboratory analysis and sewage treatment to wafer production, color measurement and more, we've got you covered, regardless of whether it's in the UV, Vis, or NIR region. Find out more and visit us at SPIE BIOS (#8159) and Photonics West 2023 (#3159)!



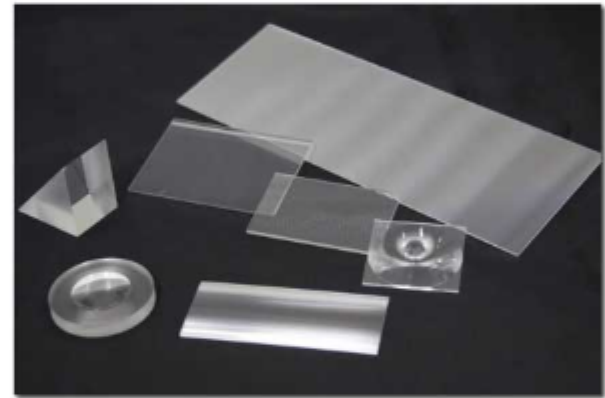
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Plastic Sheet Lens

From: NTKJ (Nihon Tokushu Kogaku Jushi)

NTKJ, the leading Japanese manufacturer of plastic sheet lenses, offers a variety of off-the-shelf lenses, including Fresnel and micro-lens arrays. We also provide customized lens manufacturing, such as the largest class 200-inch Fresnel. Using ultra-precise lens mold manufacturing facility and technology, we are capable of producing Fresnel lenses up to 1450 x 1100 mm in size and with a maximum aperture of 5000 mm. Our roll mold manufacturing facilities can accommodate lenses up to 2800 mm wide. Visit us at booth #3286.



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Single Photon Detection & Imaging

From: Photonis Scientific Inc.

Visit booth #1437 and discover our Single Photon Detection and Imaging Technologies designed to provide unparalleled accuracy and sensitivity. Our product line-up consists of three cutting edge solutions: ultra-fast MCP-PMT's for single photon counting applications, the Cricket™2 advanced image intensifier adapter for high-speed single photon imaging, and the Mantis³, a TPX3CAM coupled with our Cricket™2, enabling game changing single photon counting and imaging with nanosecond timestamping.



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Bring Your Product to Market

From: Optikos Corporation

Optikos specializes in handling difficult optical problems in product design and development. Our industry-leading optical and mechanical engineers can take your next idea from design through manufacture, and with our expanded manufacturing capabilities and team of opto-mechanical and opto-electrical technicians and assemblers, we offer top-tier contract manufacturing. Or, if you'd like to handle manufacturing yourself, at the end of the process you own the design. Visit us at booth #857.



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Ignite Questions, Detect Answers

From: Hamamatsu Corporation

The ORCA-Quest quantitative CMOS (qCMOS) camera with photon number resolving functionality is the leap in scientific camera evolution that transforms imaging into imagining. With ultra-quiet, highly refined electronics, this camera is more than an image capture device; it is a precision instrument that unlocks the ability to investigate new photonic questions because it offers the quality and quantitative performance to detect meaningful data previously lost in the noise. Visit us at booth #1127.



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Maximize Your TOF & LiDAR Capability

From: Espros Photonics AG

Get the most out of Photonics West with an early dive into the vast potential of TOF & LiDAR technology and visit the ESPROS Technology Day in San Carlos the day before Photonics West opens. Aimed at giving engineers and designers a hands-on, informative dive into the potential of TOF and LiDAR applications, understand the application potential, meet with our expert speaker line-up! And join us at PW itself. Visit us at booth #4137.



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