



sneak PREVIEW



SPIE Photonics West – San Francisco, CA

January 30 - February 1
An advanced look at the products, trends and technologies being presented.



The Most Wonderful Time of the [Industry's] Year
Three conferences and two exhibitions make SPIE Photonics West the world's largest annual event in the industry. From plenary presentations to networking opportunities, this show offers an expansive, comprehensive look at the photonics industry.

From Jan. 27 through Feb. 1, San Francisco's Moscone Center will be bustling with researchers, engineers and innovators from industry and academia. Each year, Photonics West touts more than 20,000 attendees from

around the world. They present the latest research, as well as the latest devices and systems that can enable advancements in translational biophotonics, global health care, lasers for manufacturing, 3D technologies, photonics-based consumer products and more.

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Featured Exhibitors

Centration Testing Reinvented
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Enhance your Centration Measurement Scope: OptiCentric® is your first choice for innovative measurement of traditional lens alignment and extension of centration measurement processes into new manufacturing areas. Improve – The OptiCentric® module LensAlign 2D Air allows automated and user-independent alignment processes in combination with a traditional air manipulation. Extend – Fast measurement processes or testing of position-sensitive objective lenses becomes possible with rotation-free OptiCentric® Linear technology.



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Objective Lenses from OptoSigma
From: OptoSigma Corp.

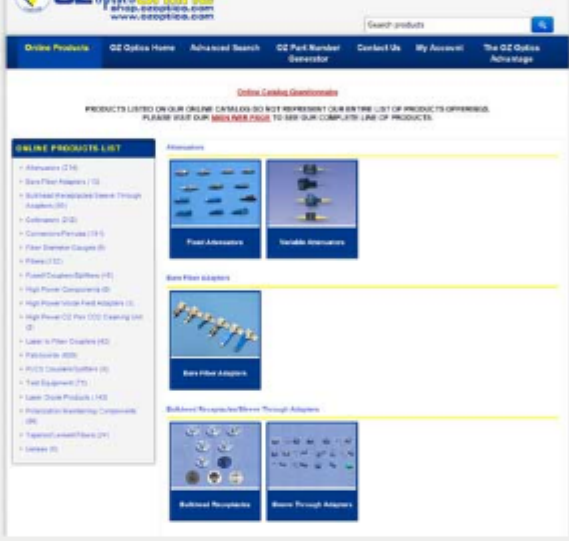
Standard and custom objective lenses for imaging and laser processing. Wavelengths include UltraViolet, Visible and Near Infrared. Offering a large variety of long working distances and high numerical apertures with RMS or M26 threads and magnifications ranging from 2x to 100x. Unique laser processing objectives that are corrected for simultaneous visible imaging. Find them all on our website! See our new water immersion objectives at Photonics West!



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OZ Optics Online Catalog
From: OZ Optics Limited

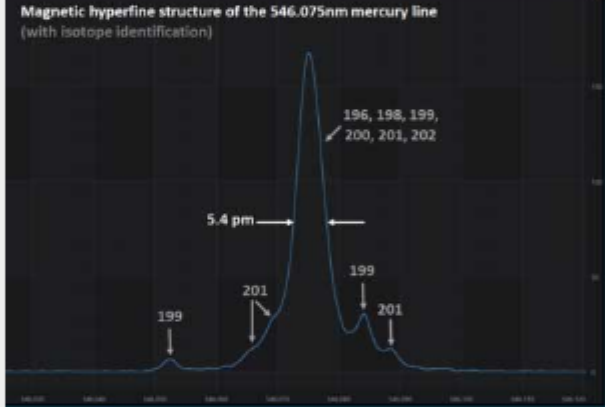
OZ Optics Limited's new On-Line Catalog (shop.ozoptics.com) is the world's largest fiber optic online catalog. – Thousands of fiber optic products in stock – stock items are shipped within 1 or 2 business days – excess inventory is as much as 75% off.



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HyperFine Spectrometer
From: LightMachinery Inc.


The HyperFine Spectrometer is ideal for pulsed laser characterization and for measuring the small spectral shifts from Brillouin or Raman scattering. Simple software allows you to review spectra in real time and save or export for more analysis.



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Nanopositioning & Precision Motion
From: Mad City Labs Inc.


Mad City Labs designs & manufactures a complete product line of high-precision piezo nanopositioners, micropositioners, and microscopes suitable for inspection, metrology, microscopy and astronomy applications. Our nanopositioners include proprietary PicoQ® position sensors yielding picometer scale precision and low-noise performance. Mad City Labs' reputation in providing innovative solutions from the micro-to-pico scale with outstanding technical support is unparalleled in the industry.



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Smooth-Surfaced & Freeform Optics
From: Fresnel Technologies Inc.

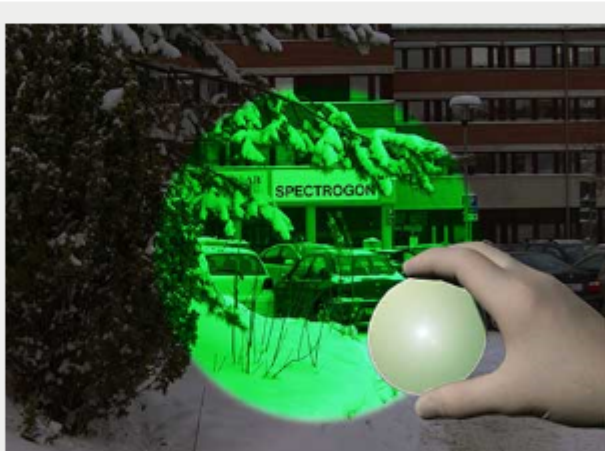
You've known us for Fresnel Lenses for more than 30 years — but did you know we design and fabricate many other kinds of molded and diamond-machined optics as well? Continuous-surface aspheres, lens arrays, spherical/paraboloidal/ellipsoidal/toroidal mirrors, freeform optics, all from the UV to the IR — a few parts to millions. Visit the special area in our exhibit to get to know our non-Fresnel optics.



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IR Filters for Thermal Imaging and Gas Detection
From: Spectrogon US Inc.


Spectrogon manufactures infrared filters and windows with high transmission, high rejection outside the passband, while maintaining excellent coating uniformity — for thermal imaging and gas detection applications such as cryogenically cooled IR detectors and for uncooled microbolometers. Our filters and windows range in dimension from Ø6.0 to Ø200.0 mm with state-of-the-art dicing capabilities. Custom designs are always welcome.



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Optics for High Power
From: Optimax Systems Inc.


Optimax continues to push the limits of complexity, quality and speed. We have developed fabrication and coating capabilities designed for advanced optics used in directed energy, high-power lasers, and deep ultraviolet lithography systems. Our processes result in low absorption, high laser damage threshold and long lifetime. Visit our site and discover how our laser-grade optics can enhance your system.



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Multi-functional Optical Polisher
From: KrellTech

Maximum flexibility for optical surface processing is now available with NOVA™. This system supports a variety of polishing applications from connectors to waveguides, and bare fibers to custom components. Wireless tablet control with a familiar Android interface provides the programming freedom required for R&D, with simplified step-by-step operation modes for manufacturing. Integrated video modules are available for real-time process and surface inspection.



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