

PHOTONICS SHOWCASE



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Featured Products & Services

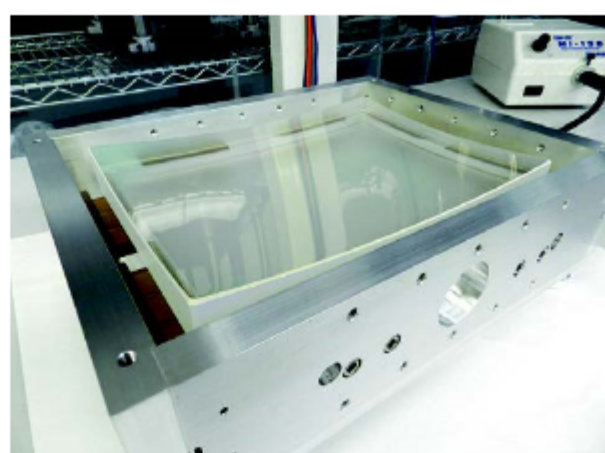
[Off-Axis Parabolas](#)

From: Aperture Optical Sciences Inc.

AOS produces off-axis parabolas for the most demanding applications in technology today including high energy lasers, analytic instruments, and satellite imaging. Our special tolerancing system optimizes performance. We manufacture custom components in a variety of materials including silicon carbide, glass, silicon and other advanced ceramics. AOS aspheric optics can be found in high technology companies and laboratories around the globe.

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[Hyperfine One Spectrometer](#)

From: LightMachinery Inc.

Compact 250 - 1000nm spectrometer with 1nm resolution at all wavelengths. Leveraging LightMachinery's world class design and manufacturing for higher sensitivity. Onboard image processing and serial data output with an easy to use user interface. The right choice whenever a brighter, faster, or wider spectrum is required. The wide range and high sensitivity enable high speed process control for spectroscopic measurements from UV to NIR.

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[Uncooled Optical Gas Imaging](#)

From: LightPath Technologies Inc.

LightPath Technologies OGI (Optical Gas Imaging) camera provides a low cost, effective solution to visualize Methane and VOC's (volatile organic compounds). Traditionally only cooled sensors have been utilized, this has been a roadblock to mass deployment due to cost. Our high-sensitivity uncooled LWIR camera provides a unique cost effective path to mass deployment and remote monitoring for gas detection and additional applications.

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[Compact, Easy-To-Use IR Detector](#)

From: Hamamatsu Corporation

Hamamatsu's newest InAsSb detector module with built-in preamp can detect infrared light simply by connecting to a DC power supply. With back-illumination technology, it's designed for a high-speed response of 10 MHz typical and is available for wavelengths in the 5 μ m, 8 μ m, and 10 μ m bands. Integrate a standard or custom version of this module into your application.

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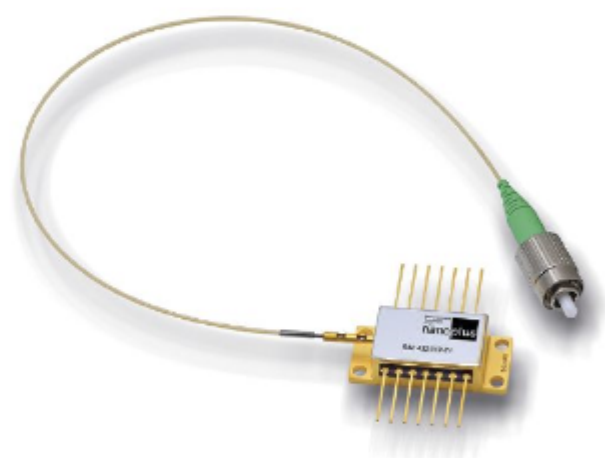
[High-Power Interband Cascade Laser](#)

From: nanoplus Nanosystems and Technologies GmbH

Exciting news for photoacoustic customers! Our nanoplus DFB Interband Cascade Lasers (DFB ICL) at 3345 nm and 4565 nm now offer power outputs up to 40 mW, while maintaining the quality you trust. Additionally, we now provide nanoplus DFB ICLs up to 5500 nm in a fiber-coupled butterfly package for easier handling. Embrace these new options!

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[NLO/Laser Crystals](#)

From: Princeton Scientific Corporation

Our NLO and laser crystals, including YAG, YVO4, KTP, and more, support high-power lasers across 193–3000 nm with customizable AR coatings, sizes, finishes, and dopants. Tailored to meet precise needs, they enhance durability and performance in specialized laser systems, solving precision and efficiency challenges in research, manufacturing, and industry-specific photonics applications.

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