



# PHOTONICS SHOWCASE



## March 2020

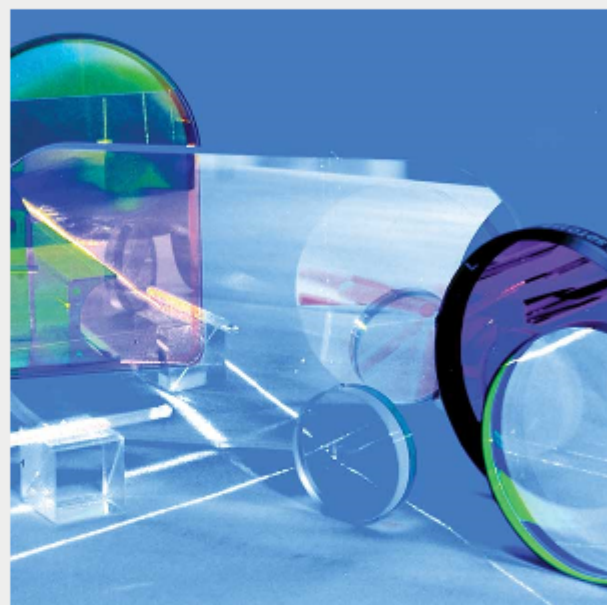
Bi-monthly product-focused newsletter with highlights from the latest issue of Photonics Showcase. Use the Request Info links below to ask for more information about these products, or visit [Photonics.com/rssc](http://Photonics.com/rssc). Manage your Photonics Media membership at [Photonics.com/subscribe](http://Photonics.com/subscribe).

## Featured Products

### Thin Films and Optical Assembly

#### **From: Applied Optics Center (AOC)**

The Applied Optics Center has been and continues to be one of the preeminent suppliers of laser blocking and absorbing filters as well as optical assemblies to both the U.S. military and commercial industry. Five 2-meter coating chambers, along with various 1-meter and 1/2-meter chambers, place AOC in a unique position with regard to coating capacity. A wide variety of coatings on various substrates can be designed.



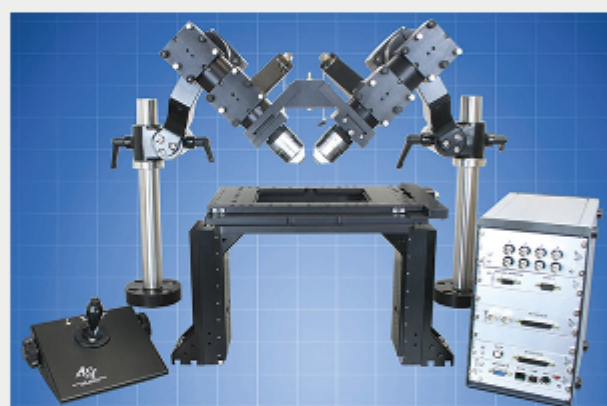
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### Light Sheet for Cleared Tissue

#### **From: Applied Scientific Instrumentation Inc.**

The ct-dSPIM is a flexible and easy-to-use light sheet microscope configuration optimized for imaging large cleared samples. The sample is mounted horizontally on an XYZ stage. Two multi-immersion dipping objective lenses are held in an upright "V" geometry for light sheet illumination and detection. The lenses work in all media, including water, glycerol, CLARITY, CUBIC, ECI, DBE, and BABB.



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## Additional Products



### Pulsed MIR Spectrum Analyzer

#### **Bristol Instruments Inc.**

The NEW model 772 spectrum analyzer is for pulsed lasers operating from 1 to 12  $\mu\text{m}$ . It measures wavelength to an accuracy of  $\pm 10$  parts per million, and bandwidth and longitudinal mode structure to a resolution of 4 GHz, providing the ideal solution for scientists and engineers who need to know the spectral...

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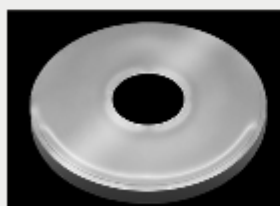
### Sapphire Optics for Robotics

#### **Meller Optics Inc.**

Meller Sapphire Lenses feature Mohs 9 hardness, which is second only to diamond, and are impervious to water, most acids and chemicals, and high temperatures typical of environments in which robotics often function. Custom fabricated in sizes from 3/8- to 4-in. dia. and varying wall thicknesses with  $\pm 0.001$ -in....

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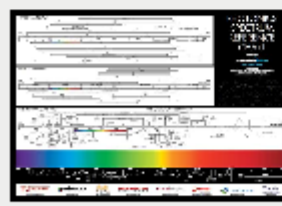
### Diamond Turned Optics

#### **Reynard Corporation**

Reynard Corporation has internal Diamond-Turning capabilities with a focus on infrared, exotic, and III-V crystal materials. Aspheric, spherical, cylindrical, and free-form elements are designed, manufactured, coated, and tested in-house. We also produce and coat reverse axicons with 360° windows.

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### Photonics Spectrum Reference Chart

#### **Photonics Media**

This full-color, 30 x 20.5-inch poster of the photonics spectrum displays the major commercial laser lines, detectors and optical materials in the ultraviolet to the far-infrared and beyond. The chart was updated in 2018 to reflect the changing technologies in the photonics industry.

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