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Featured Products

[Pulsed MIR Spectrum Analyzer](#)

From: **Bristol Instruments Inc.**

The 772B-MIR Laser Spectrum Analyzer is for pulsed lasers operating from 1 to 12 μm . It measures wavelength to an accuracy of ± 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 properties of their pulsed mid-IR lasers.

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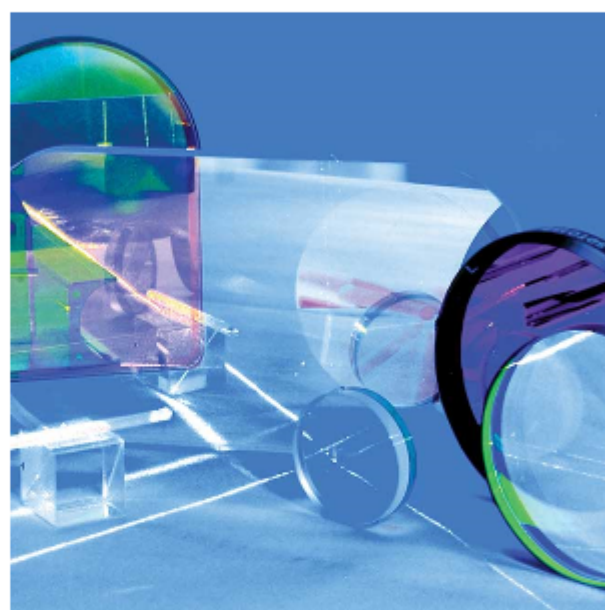
[Thin Films and Optical Assembly](#)

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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[Fastest Laser Wavelength Meter](#)

From: **Bristol Instruments Inc.**

Bristol Instruments' popular 871 system measures laser wavelength at a sustained rate of 1 kHz, the fastest available. It also measures wavelength to an accuracy as high as ± 0.0001 nm. By combining proven Fizeau etalon technology with automatic calibration, the most reliable accuracy is ensured for the most meaningful experimental results.

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[ORCA-Quest qCMOS Camera](#)

From: **Hamamatsu Corporation**

Hamamatsu's ORCA-Quest (part # C15550-20UP) is a new quantitative CMOS (qCMOS) camera that resolves the number of photons. With ultraquiet, highly refined electronics, it unlocks the ability to investigate new questions because it offers the quality and quantitative performance to detect meaningful data previously lost in the noise.

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[IR Filters for Thermal Imaging](#)

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 uncooled microbolometers. Our filters and windows range in dimension from $\text{Ø}6.0$ to $\text{Ø}200.0$ mm with dicing capabilities down to as small as 1.0×1.0 mm.

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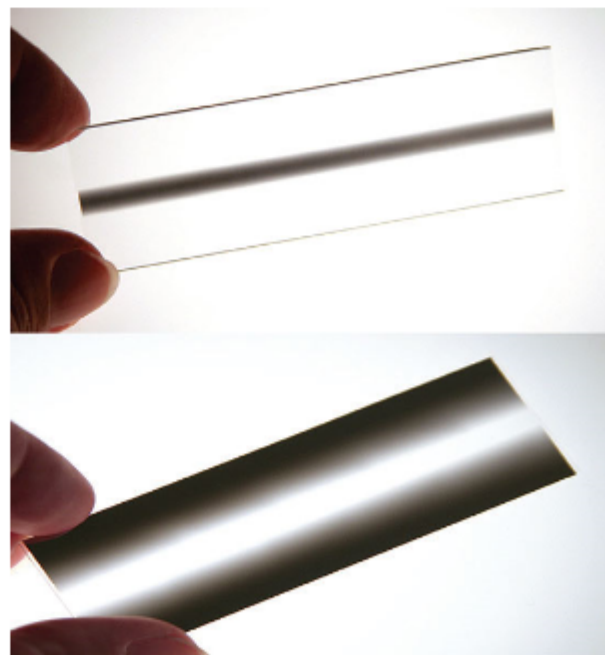
[Linear Apodizing Filters](#)

From: **Reynard Corporation**

Linear apodizing filters are used to eliminate undesirable intensity variations in optical systems. When inserted in front of a detector, a filter can be used as a soft slit to reduce diffraction patterns, eliminate detector saturation, and obtain a uniform light intensity to the detector. The filters have a constant density in one direction and variable neutral density filtering in the other direction.

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