

# PHOTONICS SHOWCASE



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](https://www.photonics.com/rssc). Manage your Photonics Media membership at [Photonics.com/subscribe](https://www.photonics.com/subscribe).

## .: Featured Products

### [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 Ø6.0 to Ø200.0 mm with dicing capabilities down to as small as 1.0 × 1.0 mm.



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### [Low-Cost MIR Detectors & LEDs](#)

From: Hamamatsu Corporation

Mid-infrared components for gas analysis have had their issues: expensive and bulky detectors, reliable bandpass filters (BPFs) that are hard to come by, and low-output LEDs. However, Hamamatsu is changing that. Our room-temperature InAsSb detectors (P13243 series) feature a low-cost, surface-mount packaging and integrated BPF. Our MIR-LEDs have 3× the output power of our previous products thanks to material innovations.



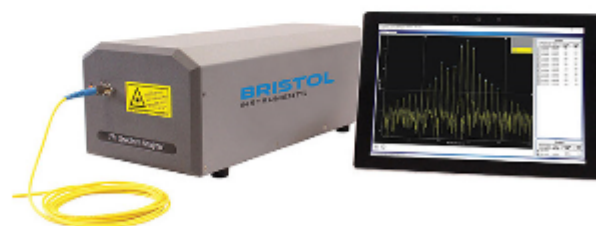
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### [771 Laser Spectrum Analyzer](#)

From: Bristol Instruments Inc.

The model 771 operates as both a high-resolution spectrum analyzer and a high-accuracy wavelength meter. With spectral resolution up to 2 GHz and wavelength accuracy as high as ±0.0001 nm, this system provides the most detailed information about the spectral properties of lasers operating from 375 nm to 12 µm.



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