Tuesday, November 15, 2022

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InGaAs Linear Image Sensor
From: Hamamatsu Corporation

With high sensitivity, high speed, and high data rate transmission, Hamamatsu's InGaAs linear image sensor modules perform reliably in the near-IR for easy image acquisition, transfer, and synchronization. Featuring our top-performing InGaAs image sensor, the module offers sensitivity in the NIR region of 0.95 to 1.7 µm, and reaches a high-speed line rate of 40 klines/s.

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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.
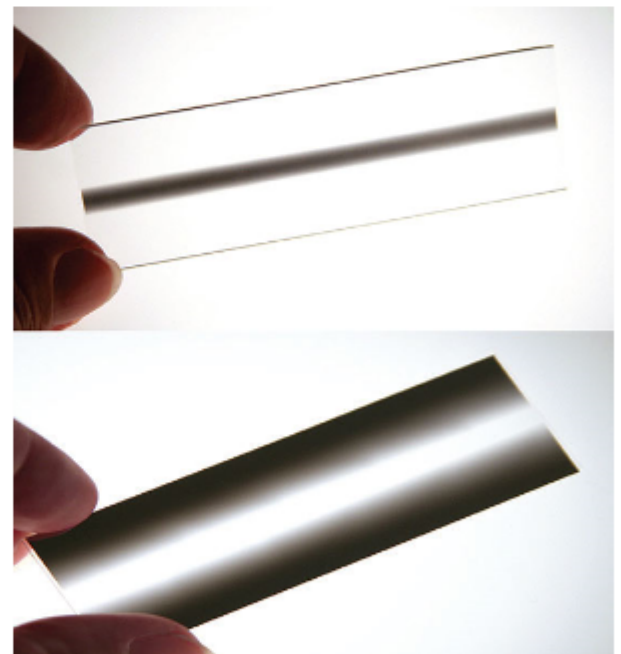
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Linear Apodizing Filters
From: Reynard Corporation

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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