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Putting Tunable Light Sources to the Test



Many common spectroscopic measurements require the coordinated operation of a detection instrument and light source, as well as data acquisition and processing. Integration of individual components can be challenging and various applications may have different requirements. Conventional lamp-based tunable light sources are a popular choice for applications requiring a measurement system with this degree of capability.

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The quantification and management of fine surface irregularities is necessary to maintain high product performance.

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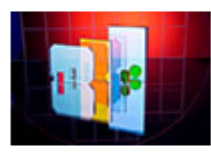
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Sputtered Metal Deep-UV Interference Filters

Chroma Technology Corp. Chroma Technology's sputtered metal UV interference filters offer the highest levels of Deep UV transmission of any UV metal coated filters available.

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Alluxa Alluxa Ultra Series Filters, including Narrowband, Dichroic, UV, IR, and Notch filters, provide the highest performance optical thin film solutions available today.

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MANTIS Imaging Colorimeter/Photometer

Gooch & Housego The MANTIS is a high speed, production-ready, high resolution CCD-based instrument.

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USHIO America, Inc. The Midori™ ULB-35i LED light source series combines state-of-the-art, solid-state illumination technology with Ushio's distinctive optical design to create a compact and lightweight fiber-optic lightbox.

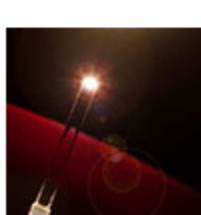
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Low-Cosmetic Defect IR Filters

Spectrogon US, Inc. Spectrogon manufactures infrared filters and windows with high transmission, high rejection outside the passband, and introducing low cosmetic defects.

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OFS OFS provides a wide range of optical fibers and cables for use in sensing applications across numerous industries: medical, oil and gas, aerospace, transportation to name a few.

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Low Noise Digitizer and Lock-in Amplifier

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International Light Technologies ILT is proud to announce the release of the NEW ILT2400 Hand Held Optical Meter with Touch Screen Display and 4 GB of internal memory.

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Sub-miniature Resonant Scanner

Electro-Optical Products Corp. The fixed frequency resonant optical scanner deflects a light beam with a continuous sinusoidal motion.

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