Tuesday, September 20, 2022

PHOTONICS SHOWCASE

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Uniquely Precise Laser Heating

From: Hamamatsu Corporation

Unprecedented temperature feedback controls elevate Hamamatsu's T-SMILS laser heating system above the rest with its process control capabilities and performance. T-SMILS' novel approach to plastic welding, curing, and heat treatment relies on the temperature of the subject rather than the output of the laser for increased repeatability and consistency.

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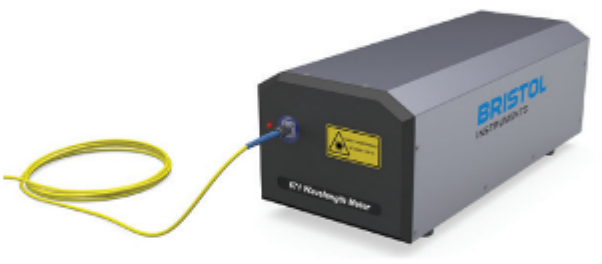
Laser Wavelength Meter

From: Bristol Instruments Inc.



The 671 Series Laser Wavelength Meter uses a proven Michelson interferometer-based design to measure the wavelengths of CW lasers to an accuracy as high as ±0.2 parts per million. Operation is available from 375 nm to 12 µm. Continuous calibration with a built-in wavelength standard guarantees the reliable accuracy that is required for the most meaningful experimental results.

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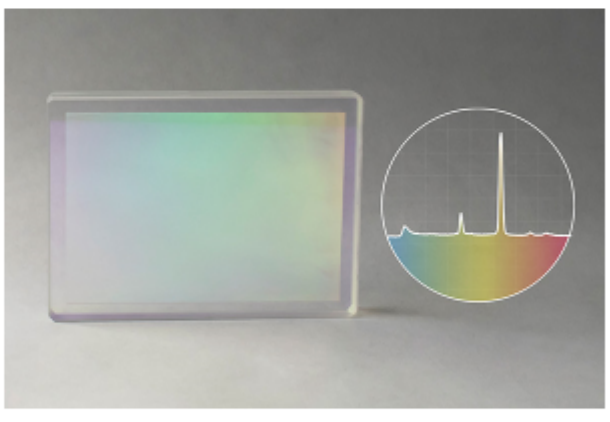
Best-in-Class Spectroscopy is Just a Grating Away

From: Wasatch Photonics Inc.



Wasatch Photonics' VPH transmission gratings offer superior efficiency for Raman, fluorescence, and general spectroscopy. From 300 to 2500 nm, we offer both broad bandwidth and high dispersion solutions to enable your next spectrometer design, whether research or OEM.

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Pulsed Laser 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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