Tuesday, July 18, 2023

PHOTONICS SHOWCASE

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High-Quality IR Cameras

From: Optris Infrared Sensing LLC

Affordable IR cameras in short and longwave detector options. Richly featured software freely downloadable without annual subscription fees. Optics for microscopic or wide-FOV applications. Fast temperature measurements and easy process integration. Ideal for many industrial and R&D applications. Engineering support to quickly guide you to the best temperature measurement solution.

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NEW Compact Near-IR PMTs

From: Hamamatsu Corporation

Hamamatsu's latest innovation in photomultiplier tube modules — the H15620 series — uses a compact NIR-PMT developed by advanced photocathode technology for lowlight measurement. With high sensitivity to wavelengths from 950 to 1300 nm and thermoelectric cooling. Pair with the C16137 benchtop power supply with temperature control function for maximum performance.

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Dual-Band Infrared AR Coatings

From: Reynard Corporation

Infrared imaging systems require simultaneous performance MWIR (midwave, typically 3 to 5 µm) and LWIR (longwave, typically 8 to 12 or 7.5 to 13.5 µm) spectral bands. Our dual-band IR AR coatings achieve measured peak transmission values over 99.5% in both bands. High-performance dual-band AR coatings are applied to a variety of IR materials, large to small, on plano or curved surfaces, with excellent environmental durability and spectral performance.ISO9001:2015.

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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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