

PHOTONICS SHOWCASE



See the latest products and services from December 2023.

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Featured Products & Services

[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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[ID281 SNSPD + Clavis XGR QKD](#)

From: **ID Quantique**

Achieve the highest key rates and furthest single-span QKD with the unparalleled efficiency, noise performance, and speed of SNSPDs. The Clavis XGR is the backbone of your quantum network, designed for education and research: compact and integrable with access to raw key data and a comprehensive software suite. Pair with IDQ's robust, reliable, turnkey ID281 SNSPD system for state-of-the-art performance.



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[New Sensor 2x Speed & Range](#)

From: **Hamamatsu Corporation**

Now available worldwide: Hamamatsu's brand-new InGaAs area image sensor for hyperspectral cameras, with twice the readout speed and dynamic range than before. The G16564-0808T allows the wavelength selection of the signal readout, drastically improving the performance of industrial cameras for better plastics recycling and quality control of foods and medicines.



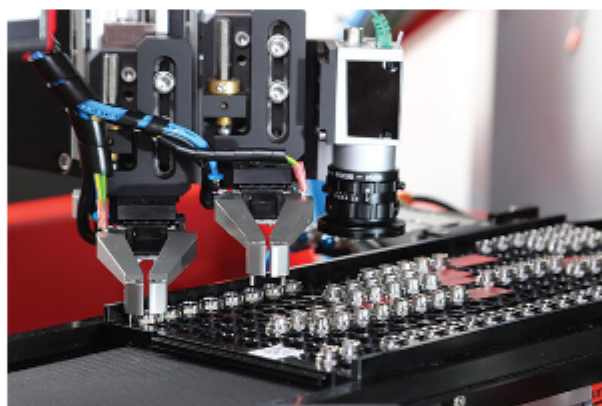
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[Micro Assembly Station](#)

From: **nanosystec GmbH**

The semi- or fully automated production system VersaHybrid assembles complex opto-electronic devices with a precision in the low micrometer regime. Processing techniques include laser micro welding, selective soldering (by laser or hot bar), epoxy gluing (with subsequent UV or thermal curing), and laser fine cutting — combined in a custom-tailored system. Feeders, belts, and robots allow for full automation. Visit us at Photonics West booth #4605.



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[4K High-Speed Cameras](#)

From: **Mega Speed Corporation**

Featuring 4K image resolutions (4096×2160) at frame rates of 1000 fps or 1080P resolutions at 4000 fps. Mega Speed cameras are perfectly suited for any imaging application that requires frame-by-frame analysis of events or applications that occur within subsecond timescales. Camera systems come complete with analytical software and Gigabit Ethernet connections for PC control providing a turnkey setup.



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[Subminiature Camera Series](#)

From: **XIMEA GmbH**

The xiMU camera series is the smallest industrial grade USB3 camera series with a tiny footprint of 15×15 or 17×17 mm and S-mounts. The new models include rolling and global shutter sensors from 5 to 19.6 MP. The sensor options include the following possibilities: OnSemi AR 2020, Sony IMX 675, Sony IMX 568 global shutter.



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