

What's New

Product Profiles



APE Announces New Laser Spectrometer for the MIR Range

Angewandte Physik & Elektronik GmbH (APE) launches a new version of the waveScan USB spectrometer for the mid-infrared range from 1.5–6.3 μm . The waveScan USB is an easy to use, high resolution device for spectral analysis of cw and mode-locked laser systems. The waveScan USB MIR extends the range of the waveScan USB family of laser spectrometers towards longer wavelengths. The MIR version offers measurements in the wavelength range of 1.5–6.3 μm with a resolution of better than 3 nm. It offers fast measurements with high resolution in the wavelength range beyond the capability of line detectors based on silicon or InGaAs. **Angewandte Physik & Elektronik GmbH** www.ape-berlin.com



New High Speed LabMax-Pro Power Meter Enables Pulse Shape

The new LabMax-Pro SSIM laser power meter from Coherent Inc. works with the company's recently introduced PowerMax-Pro sensors to enable high speed measurements of lasers from 300 nm to 11 μm . The LabMax-Pro SSIM is the next generation of Coherent's ground breaking LabMax meter. Specifically, the LabMax-Pro SSIM can perform continuous sampling at repetition rates of up to 20 kHz, and also supports a "snapshot mode" that acquires 350 ms of continuous data at a 156 kHz sampling rate. The latter enables pulse shape analysis of ten microsecond and greater pulse width sources, such as RF modulated CO₂ lasers and long pulse medical lasers, which is only possible using the new PowerMax-Pro sensors and this new meter. **Coherent Inc.** www.coherent.com



New DPSS Green Laser from Tekhnoscan-Lab Featuring an 8" LCD Monitor in Power Supply

Mozart is a diode-pumped solid-state laser available in three different modifications delivering 5, 6, and 7 W of single-frequency and single-mode CW radiation at 532 nm respectively. With Mozart, the Tekhnoscan-Lab company announces the next generation of turnkey DPSS sources incorporating the most advanced photonic technologies and leading-edge microprocessor control and measurement systems. Mozart features hands-free operation thanks to its hermetically sealed laser cavity with rigid 3D design and fully computerized digital control. **Tekhnoscan-Lab** www.tekhnoscan-lab.com



Furukawa Electric Announces Commercial Production of Micro ITLA for 400 Gb/s Optical Coherent Transmission

Furukawa Electric Company Ltd. has commenced commercial production of its micro Integrated Tunable Laser Assembly (ITLA), a key component in ultra-high-speed optical digital coherent transmission devices. The integration of the micro ITLA into optical digital coherent transmission equipment is now available to telecommunications carriers, supporting more efficient next generation transmission systems. The Furukawa micro ITLA is a laser light source that has been made smaller and consumes less electric power, while complying with the same Optical Internetworking Forum (OIF) standard as the conventional ITLA. **OFS** www.specialtyphotonics.com

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