

Press Release

FOR IMMEDIATE RELEASE

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New Product

RESOLUTION Spectra Systems introduces WIDE Spectra

New ultra-high resolution Laser Spectrum Analyzer for widely tunable lasers

Grenoble, FRANCE, January 13, 2016 - RESOLUTION Spectra Systems introduces WIDE Spectra: a new ultra-high resolution Laser Spectrum Analyzer for widely tunable lasers. WIDE Spectra offers measurement bands ten times larger than the other products of the Spectra series. This instrument is the perfect tool for monitoring narrow-linewidth tunable lasers over tens or hundreds of nanometers in the visible and near infrared range (630-1100 nm). It is suited for both continuous and pulsed laser sources, from single pulse to quasi-cw, for single-mode and multimode sources. WIDE Spectra benefits from the advantages of the SWIFTS™ Technology and can also operate as a multi-wavelength meter with a long-life calibration.

RESOLUTION Spectra Systems will present WIDE Spectra at Photonics West exhibition, North Hall, booth 5260.

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Technological background

WIDE Spectra is based on the SWIFTS™ technology, which represents a new approach to spectroscopy. It uses cutting-edge technologies such as imaging sensors, integrated optics and nanotechnologies in conjunction with specific algorithms, all integrated in a single component with no moving parts.

The SWIFTS™ Technology is an internationally patented technology invented by scientists at the Joseph Fourier University and the Institut National Polytechnique, both located in Grenoble, FRANCE. SWIFTS stands for Stationary Wave Interferometer Fourier Transform Spectrometer.

About RESOLUTION Spectra Systems

RESOLUTION Spectra Systems develops and commercializes a new generation of ultra-high resolution laser spectrum analyzers and wavemeters for the characterization of lasers. Those instruments are based on the breakthrough SWIFTS™ Technology for a high level of performance, compactness, portability and simplicity. The company is based in Grenoble, one of Europe's leading high-technology centers.



Image 1: WIDE Spectra – new ultra-high resolution laser spectrum analyzer.

Link: http://www.resolutionspectra.com/rep-products/ido-2/wide_spectra.html