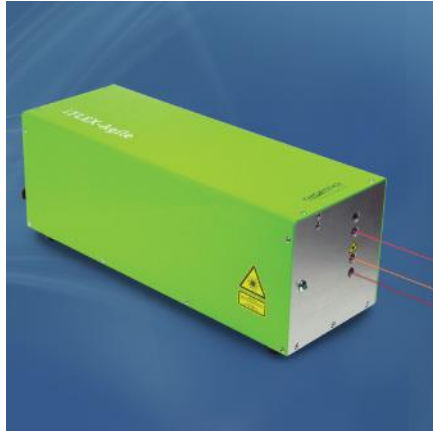




## Excelitas Introduces iFLEX-Agile CW Optical Parametric Oscillator

*High-power OPO Offers Broadband Wavelength Tunability with Exceptional Beam Quality*



**WALTHAM, Mass., May 25, 2016** – [Qioptiq](#), an [Excelitas Technologies](#)<sup>®</sup> Company and global technology leader in delivering innovative optical and photonic solutions, introduces [iFLEX-Agile](#), a high-power, continuous-wave Optical Parametric Oscillator (OPO), which features optimized optics for a full wavelength range to enable seamless operation. This instrument's high-precision optics ensure excellent focusing and consistent beam emission for superior accuracy.

Ideal for mass spectrometry, material testing, spectroscopy, and metrology applications, this new compact instrument allows fine-tuning of specific wavelengths from NIR to MIR, for very narrow output beams of high intensity. Fully controlled via USB computer interface, iFLEX-Agile enables rapid and reproducible settings of any desired wavelength from 1.47 – 2.0 $\mu$ m and 2.3 – 3.8 $\mu$ m, without the need to change optics or modules. iFLEX-Agile emission linewidths can vary from 500 GHz to below 1 MHz depending on the configuration and specific application.

The modular concept allows modification of wavelength tuning range, emission linewidths and output power levels to cost-efficiently meet the custom requirements for specific applications including trace-gas analysis, material inspection, chemical reactions and IR-detector calibration. The iFLEX-Agile can also be customized upon request for extended wavelength range (e.g. 740 – 950nm), narrow linewidth at 2300 – 3800nm, higher power levels, higher wavelength tuning resolution, and mode-hop-free tuning over ranges of >10GHz.

Qioptiq's iFLEX-Agile will be making its global market debut at **American Society for Mass Spectrometry (ASMS) 2016**, booth #707, in San Antonio, TX, June 5-9<sup>th</sup>, 2016. For more information about Excelitas products, visit [www.excelitas.com](http://www.excelitas.com) and [www.qioptiq.com](http://www.qioptiq.com).

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### About Qioptiq

Qioptiq, an Excelitas Technologies Company, designs and manufactures photonic products and solutions that serve a wide range of markets and applications in the areas of medical and life sciences, industrial manufacturing, defense and aerospace, and research and development. Qioptiq benefits from having integrated the knowledge and experience of Avimo, Gsänger, LINOS, Optem, Pilkington, Point Source, Rodenstock, Spindler & Hoyer and others. In October 2013, Qioptiq was acquired by Excelitas Technologies Corp., a global technology leader



focused on delivering innovative, customized solutions to meet the lighting, detection and other high-performance technology needs of OEM customers. The combined companies have approximately 5,000 employees in North America, Europe and Asia, serving customers across the world. Visit <http://www.qioptiq.com> and <http://www.excelitas.com> for more information.

### **About Excelitas Technologies**

Excelitas Technologies Corp. is a global technology leader focused on delivering innovative, high-performance, market-driven photonic solutions to meet the lighting, detection and optical technology needs of global customers. From biomedical technology to research laboratory, safety and security, consumer products, semiconductor, energy and environment, industrial, defense and aerospace, Excelitas Technologies is committed to enabling our customers' success in their end-markets. Excelitas Technologies acquired Qioptiq in 2013 and now has approximately 5,500 employees in North America, Europe and Asia, serving customers across the world. Connect with Excelitas on [Facebook](#), [LinkedIn](#) and [Twitter](#).

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