



Bruker launches new BRAVO Handheld Raman Spectrometer for Raw Materials identification

NEW ORLEANS, Louisiana – March 9, 2015 - Bruker Corporation today announced the launch of the new **BRAVO** handheld Raman spectrometer for identification of raw materials. The new **BRAVO (Bruker Raman Verification Optics)** complements Bruker's Raman product range, featuring amongst others an innovative fluorescence mitigation, intuitive graphical user interface and a superior guided work-flow. Due to its unique optical design BRAVO is the only handheld Raman spectrometer that is certified as class 1M Laser product.

The **BRAVO** is the first handheld Raman spectrometer with patented fluorescence mitigation that enables measurement of a much wider range of raw materials compared to previously available systems. The intuitive graphical user interface and clearly visible touchscreen will guide the user easily through the measurement by simply touching icons available in 17 languages. Also the final reports can be printed in the language defined for user interface. Furthermore, **BRAVO** features Duo LASER™ excitation with two wavelengths resulting in high sensitivity across the entire spectral range, an automated wavenumber calibration for highly precise measurements, and automated measuring tip recognition IntelliTip™.



Handheld Raman spectrometer BRAVO.

“We strongly believe that **BRAVO** with its outstanding performance and highly innovative features provides additional value for routine applications as well as quality control in both labs and industrial environments. Our ambition when developing **BRAVO** was to open a new era for handheld Raman analyzers.” said Urban Faeh, President of Bruker Optics.

The **BRAVO** complements Bruker's existing FT-Raman and Raman microscope product range, consisting of the stand-alone FT-Raman spectrometer MultiRAM, which is the most flexible and highest performance FT-Raman system on the market and the FT-Raman module RAM II, which can be adapted to the well-known FT-IR R&D spectrometer series VERTEX. Providing virtual absence of fluorescence in microanalysis the unique FT-Raman microscope RamanScope III can be coupled to both the MultiRAM and

RAM II. The Bruker SENTERRA is the first compact Raman microscope spectrometer to include up to four excitation wavelengths and upgradeability with the FT-NIR excitation.

About Bruker Corporation

For more than 50 years, Bruker has enabled scientists to make breakthrough discoveries and develop new applications that improve the quality of human life. Bruker's high-performance scientific research instruments and high-value analytical solutions enable scientists to explore life and materials at molecular, cellular and microscopic levels. In close cooperation with our customers, Bruker is enabling innovation, productivity and customer success in life science molecular research, in applied and pharma applications, in microscopy, nano-analysis and industrial applications, as well as in cell biology, preclinical imaging, clinical research, microbiology and molecular diagnostics. For more information, please visit: <http://www.bruker.com>.

For more information on BRAVO, please visit:

www.bruker.com/bravo or

www.bravo-handheldraman.com

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