



Raman Microspectroscopy Now Featured on CRAIC Technologies UV-visible Microspectrometers & Microscopes

The CRAIC Apollo™ is designed to add Raman spectroscopy to CRAIC Technologies UV-visible-NIR microspectrometers and optical microscopes. With the ability to measure Raman spectra of micron-scale samples, the CRAIC Apollo™ is a powerful tool even if used as a standalone Raman microspectrometer. But when used with a UV-visible-NIR microspectrometer, the CRAIC Apollo™ gives you a powerful tool for spectroscopy in addition to UV-visible-NIR absorbance, reflectance and fluorescence microspectroscopy.

San Dimas, CA – August 1, 2011 -- CRAIC Technologies has developed the new [CRAIC Apollo™ Raman microspectrometer](#). This unit is designed to be used either in a standalone configuration or it can be added to a CRAIC Technologies UV-visible-NIR microspectrophotometer to enhance its capabilities with Raman microspectroscopy. When added to a unit such as the 20/20 PV™ microspectrophotometer, the CRAIC Apollo™ gives you an additional powerful tool for molecular spectroscopy on the micron scale. With such a combination, in addition to measuring the UV-visible-NIR absorbance, reflectance, fluorescence and polarization spectra, you can also measure the Raman spectra of the same sample at the same location. With a single instrument, you can measure the vibrational spectra, in addition to the electronic spectra, without any further sample preparation or moving to another instrument. Raman microspectroscopy is a non-destructive technique and the CRAIC Apollo™ Raman microspectrometer is quick and easy to use. With the introduction of the CRAIC Apollo™ Raman spectrometer, CRAIC Technologies is proud to offer you another powerful tool for sample micro-analysis.

"CRAIC Technologies has been an innovator in the field of UV-visible-NIR microanalysis since its founding. We have helped to advance the field of microscale analysis with innovative instrumentation, software, research and teaching. We have seen the need for Raman microspectroscopy in addition to our current capabilities of UV-visible-NIR and luminescence microspectroscopy. Therefore, we created the CRAIC Apollo™ Raman microspectrometer to add to our current instruments" states Dr. Paul Martin, President of CRAIC Technologies. "By incorporating Raman spectroscopy with our UV-visible microspectrophotometers, the customer no longer has purchase a separate instrument, nor move the sample between instruments and acquire the data separately. You can simply analyze the same microscopic area of the sample under the same conditions without additional sample preparation or instrument alignment. Laboratory efficiency and sample analysis throughput can therefore be dramatically increased."

The CRAIC Apollo™ Raman spectrometer is a self contained unit that features an excitation source, optical interface to the microscope, a Raman spectrometer and advanced software for instrument control and data analysis. Different units are designed for use with different wavelength lasers and can be used in conjunction with one another. The idea is to give you a highly flexible Raman microspectrometer with multiple laser wavelengths to enhance your spectroscopic results. These rugged, self-contained units are also designed to be used either with an optical microscope or with a CRAIC Technologies microspectrophotometer. With high sensitivity, durable design, ease-of-use, multiple imaging and spectroscopic techniques and the support of CRAIC Technologies, the CRAIC Apollo™ is more than just a Raman microspectrometer...it is a key component to your analytical solution.



For more information on the CRAIC Apollo™ Raman microspectrometer and Raman microspectroscopy, visit <http://www.microspectra.com/> .

About CRAIC Technologies: CRAIC Technologies, Inc. is a global technology leader focused on innovations for microscopy and microspectroscopy in the ultraviolet, visible and near-infrared regions. CRAIC Technologies creates cutting-edge solutions, with the very best in customer support, by listening to our customers and implementing solutions that integrate operational excellence and technology expertise. CRAIC Technologies provides answers for customers in forensic sciences, biotechnology, semiconductor, geology, nanotechnology and materials science markets who demand quality, accuracy, precision, speed and the best in customer support.

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