

# Confocal Raman Spectroscopy of Microscopic Samples with Apollo M™

*Apollo M™ is a confocal Raman spectrometer that adds to an optical microscope so you can measure Raman spectra of microscopic samples.*

SAN DIMAS, CA, US, February 16, 2023  
/EINPresswire.com/ -- CRAIC

Technologies, a leading innovator in the field of optical microanalysis, is proud to introduce the new state-of-the-art of Raman microspectroscopy: the [Apollo M™](#) Raman microspectrometer. Designed for routine research, the Apollo M™ is reliable, robust and powerful. It features high sensitivity, high resolution, a broad spectral range and rapid sampling times. This state of the art instrument enables scientists and engineers to measure the Raman spectra from microscopic samples or microscope sampling areas of large samples, such as semiconductors. The Apollo M™ is a confocal Raman spectrometer that can be added to an optical microscope or integrated with a CRAIC Technologies [2030PV PRO™](#) microspectrophotometer to give you the ability to collect Raman spectra as well as UV-visible-NIR absorbance, reflectance and photoluminescence spectra from a microscopic sample. The cutting edge technology of the Apollo M™ means that a whole host of capabilities are now available to researchers and engineers. With the introduction of the Apollo M™ Raman spectrometer, CRAIC Technologies is proud to offer you an even more powerful tool for micro-analysis.



Apollo M™ Raman Microspectrometer

**CRAIC**  
**TECHNOLOGIES**

CRAIC Technologies Inc.

“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 confocal Raman microspectroscopy in addition to our current capabilities of UV-visible-NIR and photoluminescence microspectroscopy. Therefore, we created the Apollo M™ 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. By using the same instrument to make multiple types of measurements, including Raman microspectroscopy, laboratory efficiency and sample analysis throughput can therefore be dramatically increased.”

The Apollo M™ Raman spectrometer is a self contained unit that features an the latest in long-lived laser technology, an advanced optical interface to the microscope, a powerful Raman spectrometer and advanced software for instrument control and data analysis. The system is designed for use with solid state lasers and offers extremely confocal capabilities, high sensitivity, high resolution, a broad spectral range and fast scan times. The idea is to have a powerful, easy-to-use Raman microspectrometer to enhance your spectroscopic results. These rugged, self-contained units are designed to be used either with an optical microscope or with a CRAIC Technologies microspectrophotometer. With high sensitivity, high spectral resolution, a broad spectral range, a durable design, ease-of-use, and the support of CRAIC Technologies, the Apollo M™ is more than just a Raman microspectrometer...it is the future of Raman spectroscopy.

For more information on the Apollo M™ Raman microspectrometer and Raman microspectroscopy, visit [www.microspectra.com](http://www.microspectra.com).

Paul Martin  
CRAIC Technologies  
+ +1 310-573-8180  
[sales@microspectra.com](mailto:sales@microspectra.com)

Visit us on social media:

[Facebook](#)

[Twitter](#)

[YouTube](#)

[TikTok](#)

---

This press release can be viewed online at: <https://www.einpresswire.com/article/617311883>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something

we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2023 Newsmatics Inc. All Right Reserved.