

Discover our Raman spectroscopy solutions for analytical measurements, research Raman, UV Raman, QC/QA and industrial Raman applications.

Here, we introduce an innovative yet design-wise simple alternative: a cost-effective and compact micro-Raman spectrometer (&#181;RS) that combines exceptional spectral resolution and ...

Raman microscopy (&#181;-Raman) combines the chemical analysis technique, Raman spectroscopy, with a traditional light microscope. This combination provides a very streamlined, "point and shoot" ...

A Raman microspectrometer consists of a specially designed Raman spectrometer integrated with an optical microscope. This allows the experimenter to acquire Raman spectra of microscopic samples ...

The microRAMAN is a new-generation handheld Raman spectrometer designed for the rapid identification of unknown chemicals, explosives, narcotics, pharmaceuticals, hazardous materials, ...

With versatile laser excitation options and the possibility of an easy AFM upgrade, it accommodates a wide range of samples and Raman scattering characteristics.

Holmarc CRM 221C is a fully automatic upright infinity confocal microscope integrated with a high-resolution spectrometer and laser excitation system. The new ergonomic design helps the user ...

Here, we show the development of a micro-Raman spectrometer with implemented zoom lens technology.

Another experimental method for the determination of residual strains is micro-Raman spectroscopy (MRS), which is based on an intrinsic material property and is another method for measuring the ...

Learn how Raman spectroscopy works and how it can be used to identify molecules and functional groups. Explore the advantages and uses of micro Raman ...

Instruments using monochromatic electromagnetic radiation in the range from x-ray to infrared to measure Raman scattering of photons, allowing for determination of vibrational, rotational, and other ...

Web: <https://www.csc-energia.com.pl>