Raman Microscope (Apus - 785 nm Laser Excitation)

Maximum Detail, Resolution and Range

Full option and user-friendly computer program

Application Areas

- Materials Engineering
- Food & Beverage Quality Control
- Chemistry
- Pharmaceutic
- Biology
- Physics
- Protein & Nucleic Acid Analysis
- Volcanology
- Color Analysis
- Environments
- Nanotechnology
- Polymers
- Agriculture

Raman spectrum contains the information on material identity (e.g. characteristic Raman bands), material composition (e.g. peak intensity or multivariate analysis scores), molecular structure or strain (e.g. peak position), crystallinity or phase (e.g. peak width), and more. Teksan Scientific's spectroscopy Raman Microscopes suite offers comprehensive functionality including multivariate analysis (MVA) to distill this information from the spectral data into scientifically meaningful images. Raman is an ideal technique for research and industry, offering high quality data, reliability, versatility and improved value for money over other analytical techniques. Benefits not only include the range of samples that are suitable for analysis, but also the information content that is provided.

- Fastest Sampling
- Automated laser Power switching just by a single mouse click
- Large range of options
- All modes of microscopy, transmission and reflection illumination
- Spectrum online Processing
- Laser Light Polarization control
- Extended Spectrum acquires
- Extended Range of Raman shift for variety of samples