

Superior Spectra, Images and Refractive Index of Trace Evidence

CRAIC Technologies introduces the superior solution for trace evidence analysis: the **CRAIC Elixir™**. Finally, a quality system to analyze fibers, paint chips, glass and plastic fragments, soils and many other types of trace evidence. This system combines multiple capabilities to provide you with the best quality data.

Microspectroscopy: High resolution transmission, reflectance and fluorescence spectra of even sub-micron sampling areas. Fitted with calibrated variable apertures, you will always know what you are measuring...each and every time.

Imaging: High resolution, color digital imaging of samples by transmission, reflectance and fluorescence. Including easy-to-use but powerful image analysis software, you are also able to capture images of your samples as you acquire spectra. You can go to court showing what you measured!

Raman Microspectroscopy: You select the excitation wavelengths and then acquire the spectra. Simple to use and incredibly flexible, Raman microspectroscopy is a powerful tool to add to your instrument.

Polarization: Microspectroscopy and imaging of birefringence is a new and powerful tool that can lead to new levels of discrimination of your evidence.

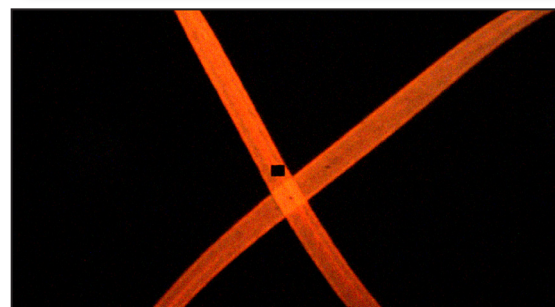
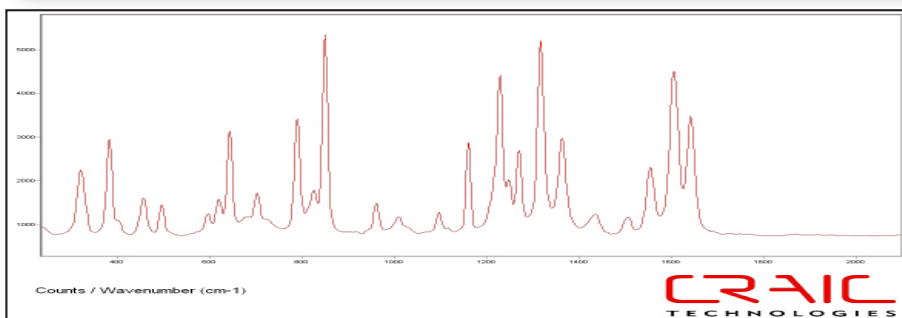
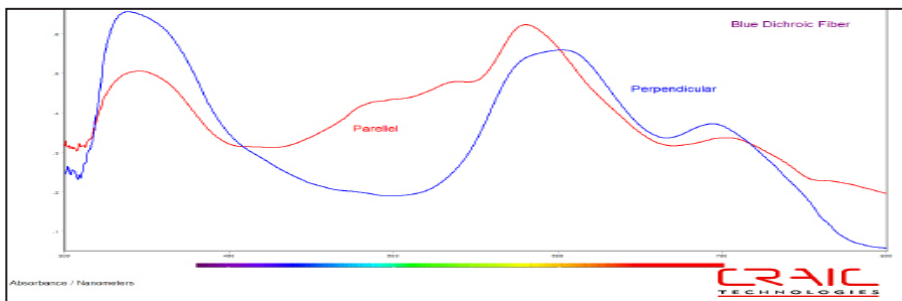
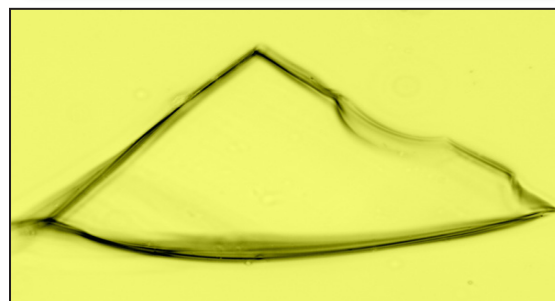
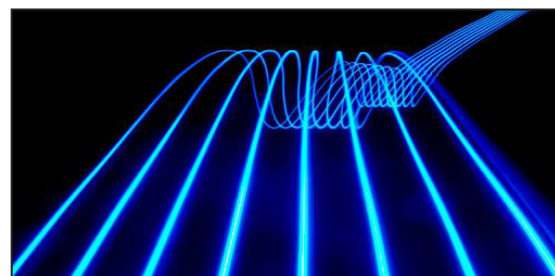
Refractive Index Measurements: Measure the refractive index of glass with the automated thermal analysis protocols as defined by ASTM and SWGMAT...but with ever greater precision.

Colorimetry: Micro-colorimetry of any type of evidence including glass and plastic fragments, fibers, paints and soils. Featuring a number of different color spaces, your **CRAIC Elixir™** is the perfect tool and solution for this job.

Fluorescence: In addition to colorimetry, you can also measure the spectra and collect images of fluorescent trace evidence.

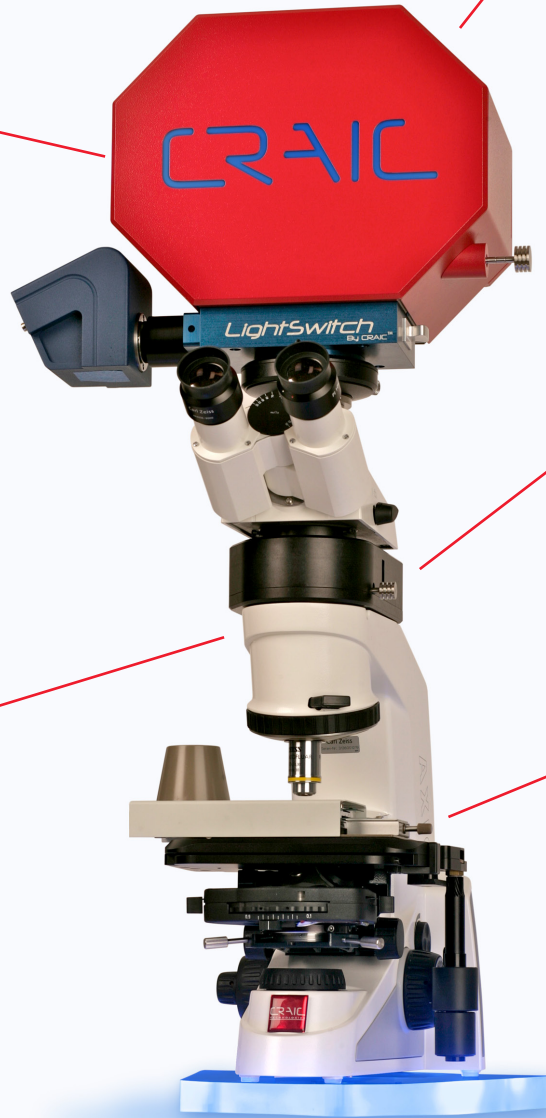
The CRAIC Elixir™ is the perfect tool for:

- Fiber evidence
- Paint evidence
- Glass fragments
- Plastic fragments
- Soils
- Documents
- Explosives
- Drugs



Imaging Options
<input type="checkbox"/> Transmittance Imaging
<input type="checkbox"/> Reflectance Imaging
<input type="checkbox"/> Fluorescence Imaging
<input type="checkbox"/> Polarization Imaging
<input type="checkbox"/> 1.3 Megapixel
<input type="checkbox"/> 3 Megapixel
<input type="checkbox"/> 5 Megapixel
<input type="checkbox"/> 6.6 Megapixel
<input type="checkbox"/> Use your own camera

308 PV™ Options
<input type="checkbox"/> Transmittance Microspectroscopy
<input type="checkbox"/> Reflectance Microspectroscopy
<input type="checkbox"/> Fluorescence Microspectroscopy
<input type="checkbox"/> Polarization Microspectroscopy



CRAIC Apollo™ Raman
<input type="checkbox"/> 638 nm
<input type="checkbox"/> 785 nm
<input type="checkbox"/> 830 nm
<input type="checkbox"/> Requested Laser Wavelength _____

Microscope Options
<input type="checkbox"/> Microscope
<input type="checkbox"/> Objectives Magnifications: <input type="checkbox"/> 5x <input type="checkbox"/> 10x <input type="checkbox"/> 20x <input type="checkbox"/> 50x <input type="checkbox"/> 100x
<input type="checkbox"/> Illumination package options <input type="checkbox"/> Transmission <input type="checkbox"/> Reflectance <input type="checkbox"/> Fluorescence <input type="checkbox"/> Polarization
<input type="checkbox"/> XY Stage
<input type="checkbox"/> Programmable XY Stage
<input type="checkbox"/> Use your own microscope (requires open photoport)

rIQ™ Options
<input type="checkbox"/> rIQ™ Package
<input type="checkbox"/> Glass Standard Reference Materials
<input type="checkbox"/> Oils for Refractive Index Measurements
<input type="checkbox"/> Use own thermal stage

Calibration Standards	System Software	Extended Warranties & Service Contracts
<input type="checkbox"/> Transmittance Standards Traceable to NIST	<input type="checkbox"/> Spectral Database	<input type="checkbox"/> 1 year Extended Warranty
<input type="checkbox"/> Reflectance Standards Traceable to NIST	<input type="checkbox"/> Colorimetry	<input type="checkbox"/> 1 year Service Contracts
<input type="checkbox"/> White Diffuse Reflectance Standards	<input type="checkbox"/> Statistical Analysis	<input type="checkbox"/> a. Platinum <input type="checkbox"/> b. Gold <input type="checkbox"/> c. Silver