



EZRAMAN-H

HANDHELD RAMAN ANALYZER

The new **EZRaman-H** handheld Raman Analyzer provides mobile identification and analysis capability for solid and liquid substances. The EZRaman-H Analyzer has the best available performance-to-cost ratio for handheld Raman devices.

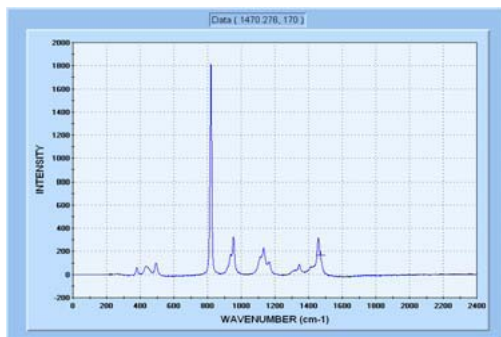
EZRaman-H system features a frequency-stabilized NIR diode laser, a miniature high throughput spectrometer, and an ultra portable computer with full desktop analytical capabilities. The user-friendly RamanReader spectra management software simplifies spectra identification and management.

The EZRaman-H is a compact, powerful, robust, and affordable field portable Raman analyzer. It is an ideal choice for any academic, research, industrial, and all other applications requiring a high performance and low cost handheld Raman analyzer.

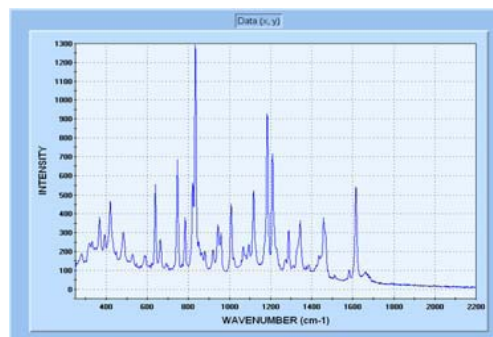


Sample Spectra

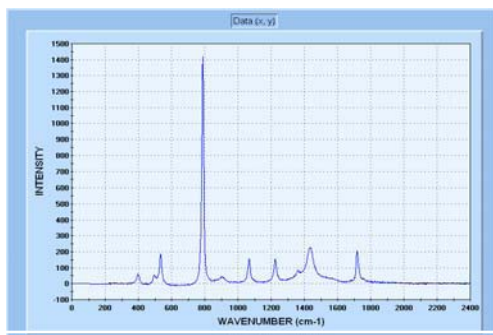
ISOPROPYL ALCOHOL



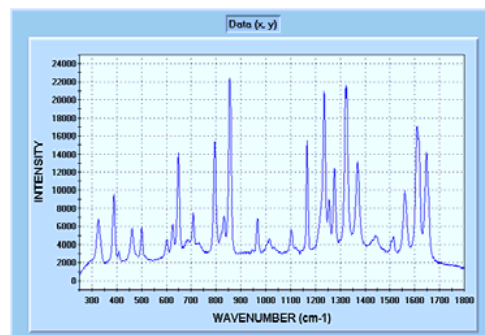
IBUPROFEN



ACETONE



TYLENOL



HANDHELD RAMAN ANALYZER***EZRaman-H*****SPECIFICATIONS**

EXCITATION SOURCE	785 nm Frequency Stabilized, Narrow Linewidth Diode Laser Laser Power: ~ 250mW Optical Power adjustable from 0 to full power Laser shutter control
SPECTROGRAPH	Optical Resolution: ~10 cm ⁻¹ Spectral Coverage: ~ 250 cm ⁻¹ to 2,000 cm ⁻¹ TEC regulated Linear CCD Array Measurement Time up to 120 seconds
SYSTEM SOFTWARE	Data Acquisition and Spectra Management Software Data Files Can Be saved as .TXT, .SPC, .DAT, or .BMP Formats Direct Export/Link to GRAMS or Excel for Post Processing and Modeling Time Chart with Stacked, Overlaid, and Single Spectrum Display Modes Time Trend and Ratio Calculate in Time Chart Mode Auto Base Line, Manual Base Line
SYSTEM OPERATING TEMPERATURE/PROTECTION	Operation temperature 10°C - 40°C With Thermal Shutdown Protection
POWER REQUIREMENTS	110-240V AC Wall Plug Battery Powered for field portability
DIMENSIONS (L x W x H)"	1.8" x 4.25" x 9"
SYSTEM WEIGHT	~ 4 LBS
SYSTEM WARRANTY	One Year for Labor and parts



Specifications are subject to change without notice.



Appropriate safety guidelines should be followed when operating this instrument.
Complies with 21 CFR 1040.10 and 1040.11