

## PORTABLE RAMAN SPECTROMETER



### FEATURES

Point, Shoot, Identify with 785nm Excitation with Much Lower Fluorescence than 532nm

High Precision Laser Module

High Precision Spectrometer Module

Cooled Detector with Low Noise Detection

Flexible Probe Design

Very Short or Long Scan Time

Narrow Linewidth Wavelength Stabilized Butterfly Laser

Battery or DC Wall Adapter Powered, On Board Charging

Field Portable, All-in-One Box, Compact and Durable

External USB Devices Supported

CSV or SPC Compatible with Third Party Software

Minimum Maintenance Required

SSI Expertise Technical Support

Affordable price ever!

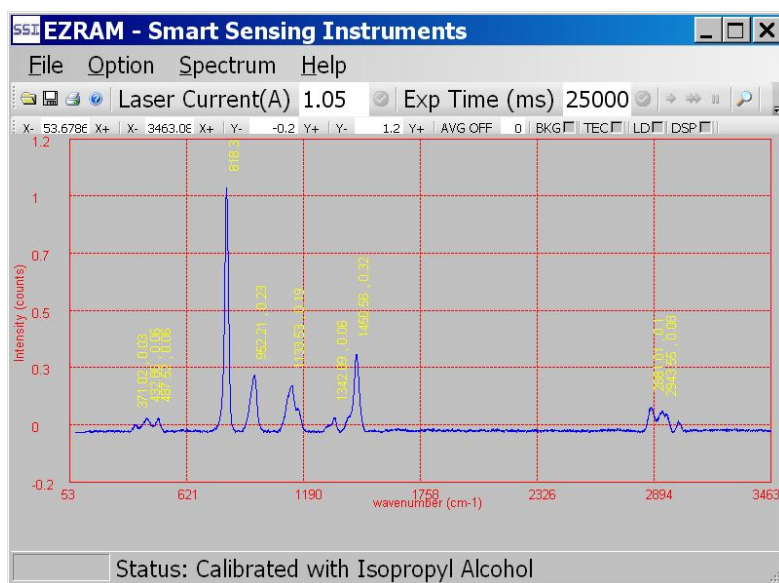
### SPECIFICATIONS

Operating Temperature	0C to 35C
Humidity	10%-85% non condensation
Spectral Range	150-3625 cm <sup>-1</sup>
Excitation Wavelength	785nm+/-0.5nm FWHM 0.1nm Wavelength Stabilized
Excitation Power	Adjustable, 0-350 mW Max
Spectral Resolution	Minimum 15 cm <sup>-1</sup>
Exposure time	1 sec – 30 sec or Multiple Exposure to average
Storage Temperature	-20C to 45C
Collection Optics	NA = 0.22, 8mm focal length, 0.02-1.5mm spot size
Probe Length	75 – 100cm
Detector Cooling	TEC Cooled to -30 C

Dynamic Range	1300:1 at least
Power Supply (Battery Charger Supply)	+12VDC , 5A
Battery	LiPoly, Optional
Battery Charger	On board, Optional
Library	Optional
Data Export Format	*.BIN, *.CSV, *.SPC
Interface	Windows Tablet or PC
Language	English
Weight	10.5lb
Size	14in x 12.5in x 7in
* probe shape, probe color, enclosure's handle color might vary	

### EZRAM SOFTWARE

Password Protected	Background removable
Digital Filtering	Remove Cosmic Spikes
Single element library search	Find Peaks
User library build	Search in the Library
Instrument Control	Cablibration
Operating System Requirement	Windows



To Send Quotation:

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**Warning: CLASS IIIb LASER PRODUCT AVOID DIRECT EXPOSURE TO BEAM**