

Raman Microscope



- Simultaneous obtained of all spectra and Image
- Spectroscopy & Microscopy
- Time Monitoring of spectra
- Integration time controlling using software
- Mathematical processing (Averaging, Sum, Smooth ...)

میکروسکوپ رامان

Model: RamMic-Arn-20

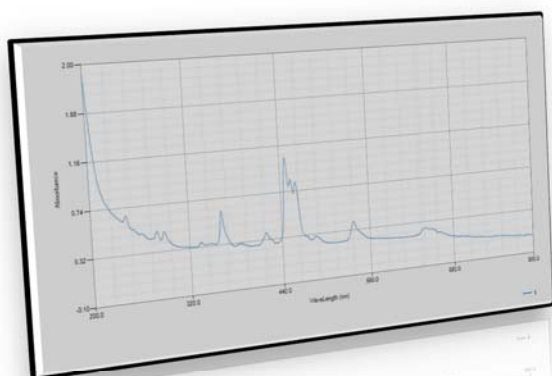
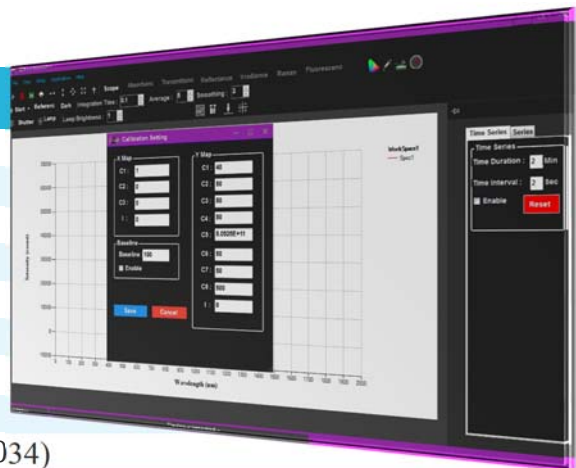
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Specifications:

Optical Specifications

Wavelength Range	150-4500 cm^{-1}
Resolution	< +20.0 cm^{-1}
Scan Time	2-1000 ms
Typical Scan Time	0.1 s
Stray Light	< 0.03 %
Wavelength Accuracy	< ± 0.1 nm
Photometric Stability	< 0.01 A/min at 0 A , 500 nm
Photometric Noise	< 0.01 A 80 scan at 0 A, 500 nm
Wavelength Reproducibility	< ± 0.02 nm for 10 scans (NIST 2034)
Photometric Accuracy	< ± 0.01 A at 440.0 465.0 590.0 635.0 nm (NIST 930e)
Baseline Flatness	< 0.01 A 0.5 second blank, 0.5 second scan at 0 A , 500 nm
Light Source	Laser 532 nm 100 mW
Laser Stability	< 1 % rms over 4 hours
Laser Lifetime	10000 Hours
Detector	2000 Multichannel



Physical Specifications

Communication	USB2
Windows	7 , 8 , 10
Software	Spectroscopy Station
Weight	21 Kg
HxWxD	52x60x34 cm
Power	220V AC 50/60 Hz

Applications:

