

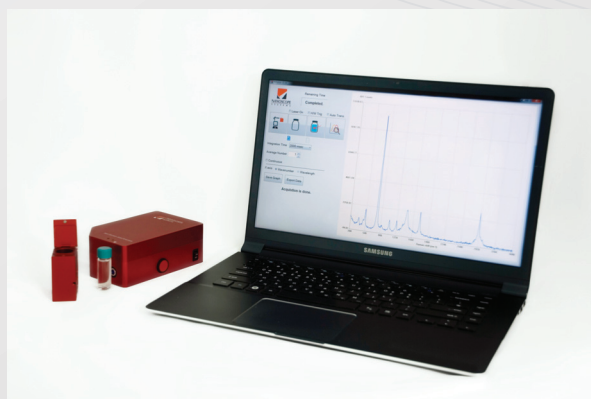
NS-Raman

Raman Spectrometer & Analyzer



■ Portable NS100-Raman

- Compact Raman spectrometer
- Signal acquisition with higher sensitivity than normal handheld types
- Operation with laptop computer (USB interface, Bluetooth)
- Convenient magnetic vial holder
- Analysis of detected signal with library database
- Easy and intuitive operation & analysis software
- One click analysis report



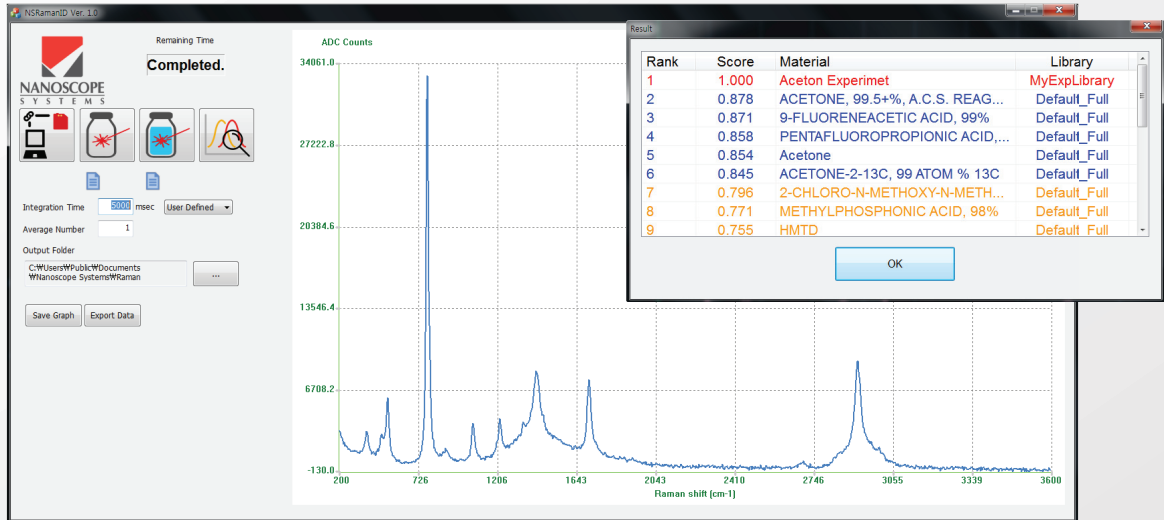
Full operation by wireless interface with laptop computer

■ Specifications

Model	NS100-Raman	NS120-Raman
Laser Wavelength	785 nm $\pm$ 1 nm	633 nm $\pm$ 1 nm
Spectrum Range	200 cm ⁻¹ ~ 3600 cm ⁻¹	
Spectral Resolution	$\leq$ 10 cm ⁻¹	
Laser Output Power	100 mW (80 mW at sample)	40 mW (30 mW at sample)
Collection Optics	NA 0.3 / WD 8 mm	
Exposure	Min : 5 msec ~ Max : 65 sec	
External Power	USB power, Battery	
Weight	~1 kg	
Size	130 X 85 X 50 mm ³	
I/O (Interface)	USB 2.0, Bluetooth	
Software	NSRamanID	
Data Formats	.txt, .csv	
Library	Default 200 materials Ready to build user's own library Optional more than 12,000 materials	
Measurement Accessories	Vial holder, Tabletop frame	
Display	By laptop computer	
Compliance	CE KC FDA 21 CFR Part 11	



Quick and convenient measurement with vial holder



Raman spectrum acquisition and material search from the library database

Chamber Frame for NS-Raman

- Dark room chamber frame dedicated for NS-Raman module
- Frame cover open by one-touch. Adjusting focus at closed status
- Quick and easy installation and removal

■ Specifications

Model	NS Frame-D
Lateral Stroke	X : 12.8 mm Y : 12.8 mm
Vertical Stroke	Z : 30.0 mm
Rotation	Θ : 360° (Optional)
Accessories	Microscope slide spring clips



Compact frame for laboratory use