

Raman Spectrometer and Analyser

Make :Nanoscope (Korea)

Model :NS200-Raman

Laser wavelength : 532nm, 633nm, 785, nm with ± 1 nm

Spectral range :200-3600 cm^{-1}

Spectral resolution : $\leq 10 \text{ cm}^{-1}$

Laser output power : 40 mW, 100 mW

Collection optics (NA 0.45/WD 4.5 mm)

Exposure time :5 ms to 65 s

I/O (interface) : USB 3.0

Software

Date format: .txt, .csv

Bright field CCD camera and Computer