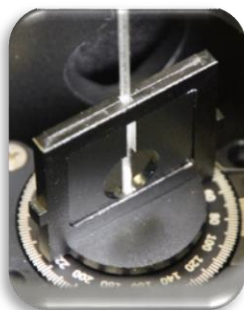


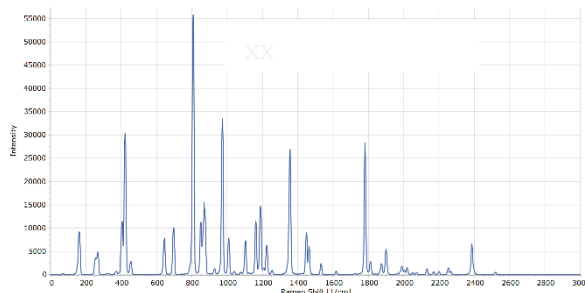


Introducing the **Raman One** from **Wilson Analytical**

Rugged and reliable because you have work to do.



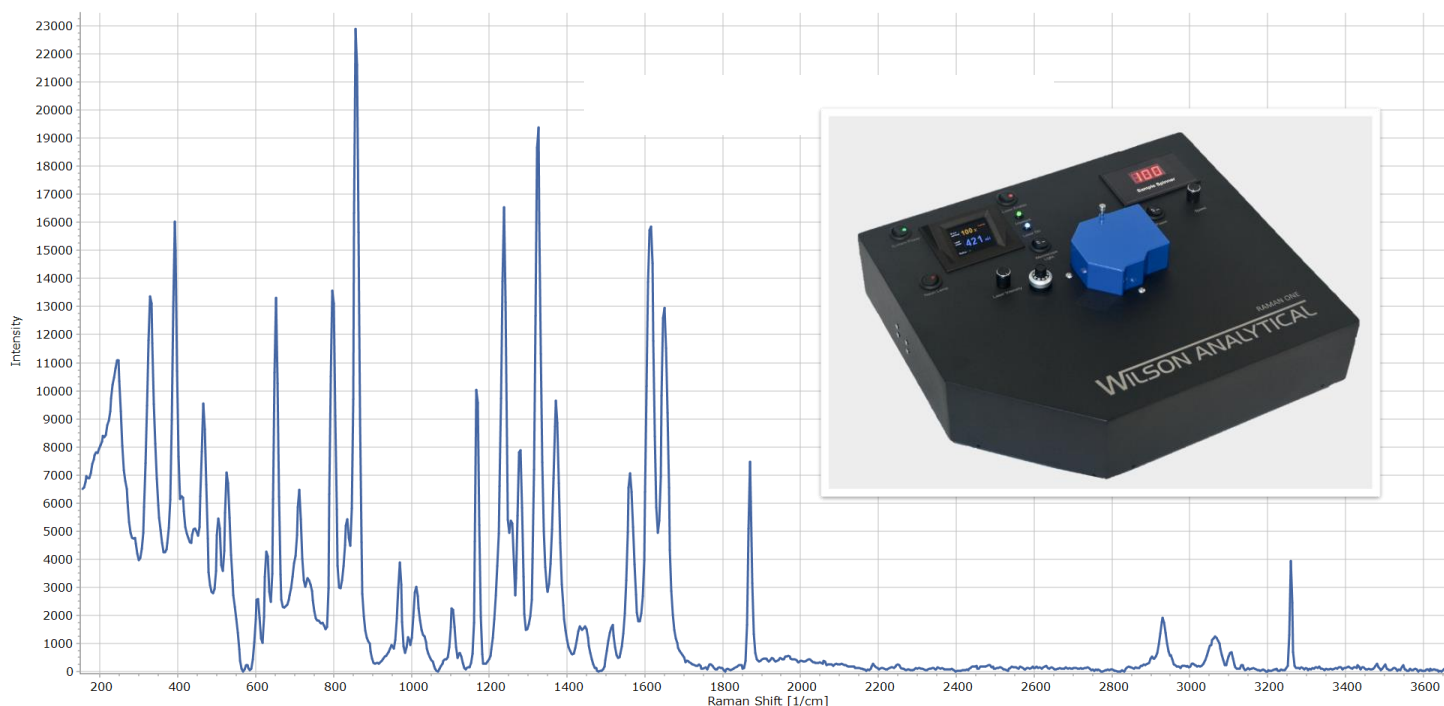
Capillary tube holder



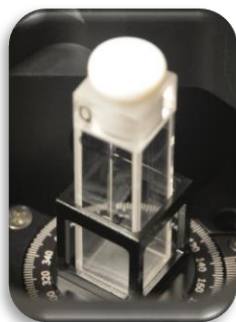
Neon standard calibration of Raman shift



Pressed pellet holder



Tylenol in capillary tube (average of ten x 4 second scans)



Liquid sample in
cuvette holder

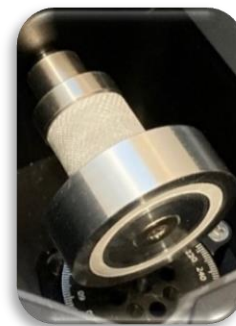
For more information contact:

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www.wilsonanalytical.com



Solid sample spinner



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The new Raman One system from Wilson Analytical was built with the user in mind. This system was designed around a sample compartment that can accommodate liquids, solids, and capillary tubes (for micro samples). Solid samples can be run on our variable-angle sample stage or – for dark, temperature-sensitive solids – pressed into our novel sample spinner. Sampling accessories can be changed quickly and easily, without having to align, or calibrate any delicate components. Sample analysis and library searches are simple with Spectragryph software from Spectroscopy Ninja (<http://spectroscopy.ninja>).

Features

- Anodized or powder-coated aluminum surfaces to resist spills and damage
- Class 1 laser enclosure with a double magnetic interlocked lid that turns the laser off when the lid is open
- Built-in neon lamp for wavelength calibration
- Video microscope (60x magnification) for aligning samples with the laser on
- 2 MP microscope camera for recording stills and videos of samples
- Cylindrical detector collection lens for enhanced spectrometer sensitivity
- Solid sample versatility – samples can be run as disks, pressed pellets, microscope slides, powders in capillary tubes or spinning pressed rings.
- Sample spinner for running coloured or temperature-sensitive solid samples at higher laser powers without burning the samples
- IPS 785 nm laser with 20 - 435 mW power (other laser wavelengths are available)
- Ibsen Freedom mini-Raman FCT-101 spectrometer with a 475 – 1100 nm wavelength range, 0.6 nm resolution, and a Hamamatsu S11639-01 detector (other spectrometers are available)

Accessories

- Cuvette holder
- Pellet/capillary tube holder
- Spinner and die set

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