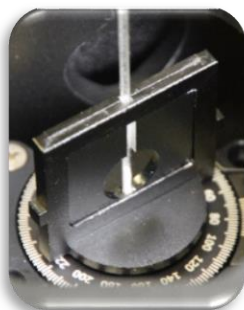


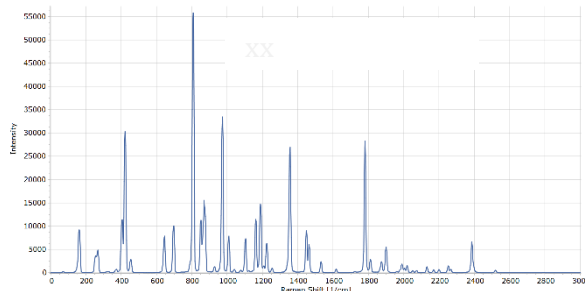


# Introducing the **Raman One** from **Wilson Analytical**

*Rugged and reliable because you have work to do.*



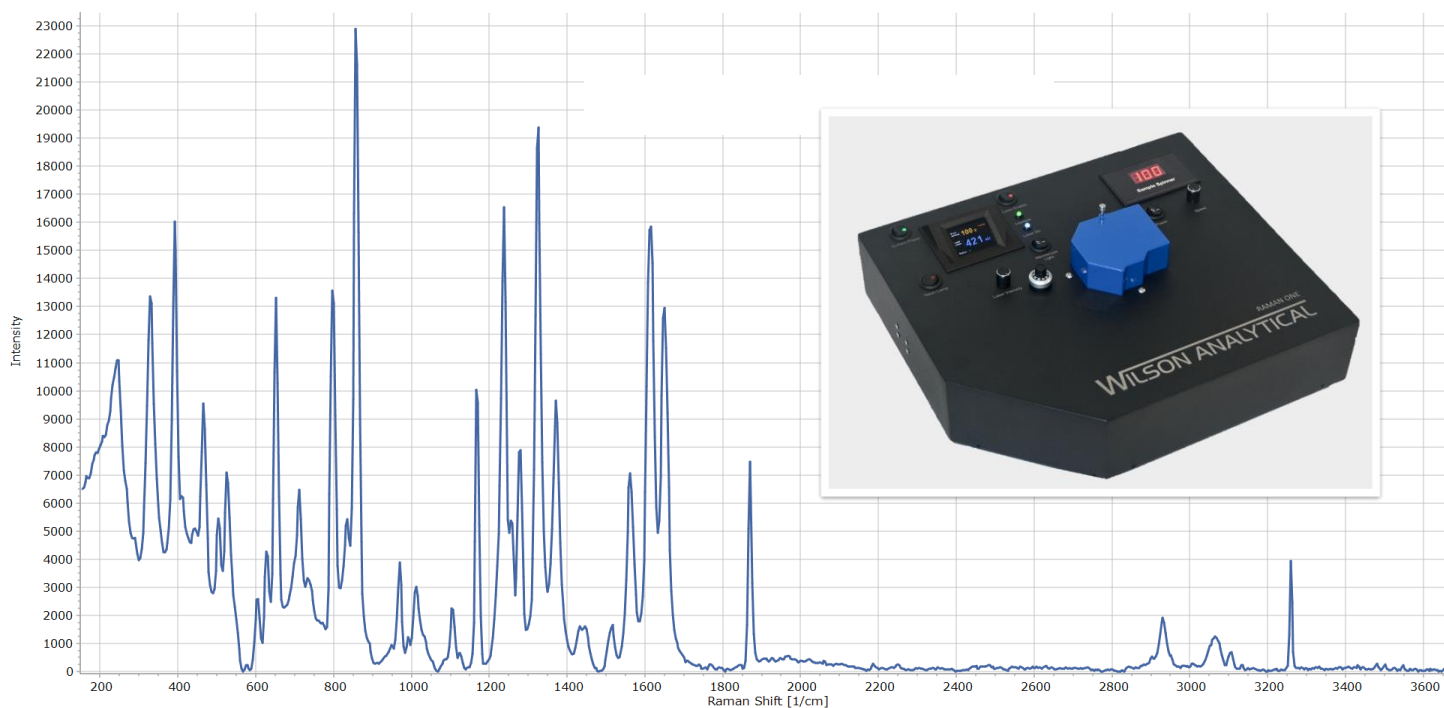
Capillary tube holder



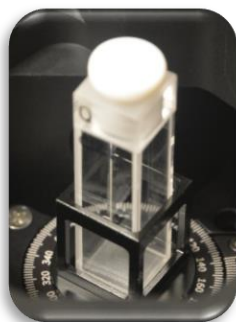
Neon standard calibration of Raman shift



Pressed pellet holder



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



Liquid sample in  
cuvette holder

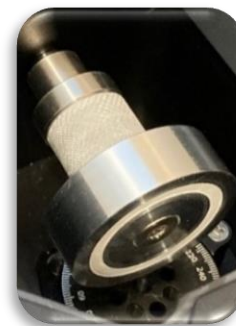
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Solid sample spinner



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

*Rugged and reliable because you have work to do.*

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.

## **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

For more information contact:

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