

Raman Spectroscopy Accessories

➤ Ramulaser Portable Laser Accessory

- 785nm Laser attaches to our Raman probe via standard FC/APC connector
- Battery powered in Ruggedized metal case
- Raman Laser line 0.2nm FWHM over 50-100 deg F
- Power Adjust to 499mWatt max output power



RamuLaser accessory attaches to Raman probe

RamuLaser for Vials

- 785nm Laser configured with ½” vial holder in place of FC/APC connector (not shown)
- Screw top vials handle both liquid and powder and small solids such as pills
- Small size integrating sphere 2x4x6 inch with 2x2x2 inch with SMA 905 fiber connector output to spectrometer
- RamuLaser includes power adjustment dial for operation in step increments to the highest 499mW output power

➤ Raman Probe

- Connects to 785nm Laser accessory via FC/APC fiber optic connector and spectrometer via SMA 905
- Rigid probe length is 100mm with integrated Raman filters for 200 cm⁻¹ and f/2 collection optics
- Excitation fiber is 100um diameter and read fiber to spectrometer is 600um core diameter
- Probe diameter is 4mm with 2 meter fiber length and has laser blocking switch for simple reference
- Integrated filters for laser line (with O.D. > 6) and notch filter to remove quartz spectral contributions
- Working distance to sample is 4.5mm with field depth of +/- 1mm for penetration of sample containers Includes probe holder for solids like pills or vials (½ inch diameter with lids) for liquids and powders

Item	Descriptions for Raman Spectroscopy Accessories
RamuLaser	Portable Raman Laser for 785nm with 499mW adjustable output and FC/APC attachment for standard Raman probe (see below). Includes integrated LI battery with charger for 8 hour operation.
RamuLaser- Vial	Portable Raman Laser for 785nm with 499mW output and integrated vial holder. Includes integrated LI battery with charger for 8 hour operation. Direct connect to spectrometer via F600-VISNIR-FC
Raman- Probe-785	Attaches to RamuLaser via FC/APC and spectrometer via SMA 905, has integrated Raman filters and optics with working distance of 4.5mm to sample, configured for 785nm laser

Please contact us about availability of additional laser frequencies used for Raman such as 532 / 647 / 830 / 1064nm.