

XANTUS™



Portable Raman Spectrometer

The **Xantus** series Raman portable spectrometers meet the need for immediate field identification of chemical substances. Battery operated, light weight, ruggedized and easy-to-use, the analyzer delivers fast and accurate identification of unknown materials. The **Xantus** platform is engineered to accommodate different excitation wavelengths and detector array options, providing the most flexible and cost-effective RAMAN spectrometer available today. **Xantus** not only has no moving parts, but also has its sensitive optical engine shock-resistant mounted, resulting in a ruggedized instrument that withstands the rigors of field testing.

The **Xantus** is available with the following wavelength options:

1. **785 nm** for non fluorescing samples that require high sensitivity
2. **1064 nm** for highly fluorescing samples as with Pharmaceutical/ Biopharmaceutical materials
3. **532 nm** for semi-quantitative applications where fluorescence is a non issue and analytical sensitivity paramount.

The **Xantus-2™** is a dual wavelength analyzer equipped with both **1064 nm** & **785 nm**, offering a highly flexible unit capable of analyzing a wide range of materials analysis capabilities.

Xantus/ Xantus-2 TM Features & Benefits:

- ✓ Can be used with samples in either plastic bags or clear/ colored glass bottles or with integrated vial holder and variable focal point adjustment.
- ✓ Sample types include solids, liquids, powders.
- ✓ Spectral range 200 – 3000 cm^{-1}
- ✓ Detector CCD
- ✓ Speed of analysis 20 ms – 10 seconds
- ✓ Analysis display- Simplified pass/fail or Spectra overlay possible
- ✓ Software: Micro 2020, Windows XP/Vista/Win⁷
- ✓ Standard user spectral library (260) and 3rd party library options
- ✓ Battery operated- Li ION rechargeable
- ✓ Compliant with : ATSM, IQ/OQ/PQ & 21 CFR Part 11