



New Product Release

New Portable Research Grade Raman Spectroscopy

StellarNet Inc., Tampa FL, USA

August 2, 2016



StellarNet proudly announces a new rugged and fully integrated portable Case System for material identification and composition analysis using Raman spectroscopy. The StellarCASE-Raman includes interior mounting of spectrometer instrumentation pre-configured for “Open & Measure” application, with no additional setup required. With a simple press of the “Analyze” button instantaneous match results can be display on your screen.

The StellarCASE-Raman system has balanced signal vs fluorescence by using a 785nm laser. If sample fluorescence is a problems, a 1064nm Raman spectroscopy option is also available. A versatile sample holder attached to the laser allows for rapid identification of solids, liquid, and powdered samples. All components are combined in a durable, waterproof case. The combination of the sample holder, and the portability of the case help deliver a solution for reliable Raman spectroscopy in any environment.

The StellarCASE-Raman is ideal for a variety of applications where portability and reliability are favored. The system uses free SpectraWiz ID software in order to build and search a library for any application. Some of these applications include:

- Forensics- Illicit drugs, counterfeit materials, unknown chemicals, & explosives
- Anti-Counterfeiting- inks, paints, and fibers
- Food & Beverage- Raw Material ID
- Pharmaceutical & Nutraceutical ID
- SERS- trace substance detection using Surface Enhanced Raman Spectroscopy
- Semiconductor- Microstructure, Strain, Defects
- Environment & Geological
- Custom & OEM Applications Develop your own Portable Analyzer



[Click here to see more about our StellarCASE-Raman](#)