

Manufacturer selling Raman spectrometers



Overview

27 Raman Spectrometer Manufacturers in 2026 This section provides an overview for raman spectrometers as well as their applications and principles. Also, p.

Key Takeaways

Top manufacturers of Raman spectrometers include Agilent Technologies, Renishaw, Bruker, Thermo Fisher Scientific, and Metrohm, offering solutions from handheld analyzers to research-grade systems. Leading Manufacturers

- Agilent Technologies – Offers high-performance Raman spectrometers suitable for chemical analysis, quality control, and research applications .
- Renishaw – Provides configurable Raman analyzers, including RA800 and Process Guardian systems, for industrial and laboratory use .
- Bruker – Supplies compact handheld devices and advanced FT-Raman systems for research, quality control, and process development .
- Thermo Fisher Scientific – Offers research-grade and laboratory Raman spectrometers integrated with other analytical instruments for life sciences and pharmaceutical applications .
- Metrohm – Produces the MIRA series and MacroRAM spectrometers for rapid, non-destructive material analysis .



- StellarNet, Inc. – Specializes in portable and compact fiber optic spectrometers for UV, VIS, and NIR measurements .
- Ocean Optics – Provides modular spectroscopy systems and software for industrial, research, and scientific applications .
- Hamamatsu Photonics – Manufactures optoelectronic components and Raman spectrometer systems for high-sensitivity measurements .

Types of Raman Spectrometers

- Handheld/Portable – Ideal for field analysis, raw material verification, and rapid quality control (e.g., TruScan™ G3, BRAVO, MIRA P), .
- Benchtop/Research-Grade – Designed for laboratory research, integration with other analytical techniques, and high-precision measurements (e.g., DXR3 Flex, i-Raman NxG), .
- Process/Industrial – Real-time monitoring and process control in manufacturing environments (e.g., Process Guardian™), .

Applications

Raman spectrometers are widely used in pharmaceuticals, biotechnology, food science, materials research, energy storage, and cultural heritage. They enable non-destructive chemical analysis, molecular identification, and quality control without sample preparation . For a comprehensive list of suppliers, you can explore directories such as Metoree, GlobalSpec, and DirectIndustry, which provide manufacturer details, product specifications, and contact information .

Article Content

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China Raman Spectrometer Manufacturer and Supplier

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