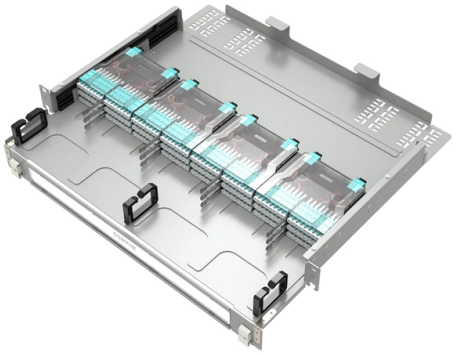
Which company makes the best fully automated online Raman spectrometer



Overview

While the Horiba LabRAM Soleil stands out as the best overall choice for its integration of AI and speed, the recently released Wasatch Photonics WP Raman X Series and Rigaku CQL Max-ID demonstrate that high performance is available in smaller footprints. Laboratory professionals seeking precise chemical identification and structural analysis face a rapidly evolving market of Raman spectroscopy systems in 2026. Endress+Hauser Group Services AG. Scientific™ DXR3 Flex Raman Spectrometer. Piscataway, NJ May 16, 2023 — HORIBA Scientific, world leader in Raman microscopy, announces the new LabRAM Odyssey, a fully automated and remotely controllable system. The LabRAM Odyssey replaces the best seller LabRAM HR Evolution. Developed on the same platform, the LabRAM Odyssey is now more. Scientific™ DXR™3 SmartRaman spectrometer is a highly automated, push-button operated, dedicated macro-sampling Raman system that brings the power of Raman technology to the routine analysis laboratory. You can change measurement settings and run daily optimisation routines with just one click.

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Article Content

The Best Raman Spectroscopy Systems of 2026: A

Discover the top-rated Raman spectroscopy systems of 2026 for laboratory professionals. Compare key specs, pricing, and applications for this

27 Raman Spectrometer Manufacturers in 2026

This section provides an overview for raman spectrometers as well as their applications and principles. Also, please take a look at the list of 27 raman spectrometer manufacturers and their company

Raman spectrometer

Find your raman spectrometer easily amongst the 86 products from the leading brands (Thermo Fisher, RENISHAW, Bruker, ...) on DirectIndustry, the industry specialist for your professional purchases.

New LabRAM Odyssey Is Fully Automated and Ideally Suited for Both

Piscataway, NJ May 16, 2023 — HORIBA Scientific, world leader in Raman microscopy, announces the new LabRAM Odyssey, a fully automated and remotely controllable system. The LabRAM Odyssey

Automated spectrometer

Find your automated spectrometer easily amongst the 99 products from the leading brands (Thermo Fisher, RENISHAW, Malvern Panalytical, ...) on DirectIndustry, the industry specialist for your

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Raman Imaging and Spectrometers

Discover our Raman spectroscopy solutions for analytical measurements, research Raman, UV Raman, QC/QA and industrial Raman applications.

Renishaw: enhancing efficiency in manufacturing and healthcare

In metrology, motion control, machine calibration, dental CAD/CAM, additive manufacturing, spectroscopy and neurosurgery, Renishaw innovations enhance precision, efficiency and quality.

inVia™ confocal Raman microscope

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inVia™ confocal Raman microscope The ultimate research-grade confocal Raman microscope delivers outstanding performance and the best data in the shortest

Raman Spectroscopy Instrumentation

Cost-effective Raman instruments designed for today''s busy labs The Thermo Scientific DXR3 Raman family brings Raman analysis at the speed researchers need with advanced imaging capabilities

Raman Spectroscopy

As a solution provider, we offer a full spectrum of Raman technologies and expertise — from high-resolution microscopy and flexible benchtop systems to robust

Raman Spectrometers

Raman Spectrometers Instruments using monochromatic electromagnetic radiation in the range from x-ray to infrared to measure Raman scattering of photons, allowing for determination of vibrational,

Guide to Raman Microscopy

What is Raman Microscopy? Raman microscopy (μ-Raman) combines the chemical analysis technique, Raman spectroscopy, with a traditional light microscope.

Raman spectroscopy

Precision engineered Raman spectrometers for fast and accurate chemical analysis. Raman spectroscopy is used to chemically analyse solids, liquids and gases and

Raman Spectroscopy Instrument Pricing: A Comprehensive Guide

Raman spectroscopy has become an indispensable tool across scientific disciplines, from pharmaceuticals and biotech to materials science and chemical analysis. Its ability to provide non

Spectrometry Market Size, Trends and Forecast, 2026-2033

For instance, in January 2026, Roche Diagnostics unveiled its fully automated Cobas I 601 mass spectrometers in the U.S. The system enables streamlined testing for steroid hormones,

System features and accessories for Raman spectroscopy

Our innovative Raman systems include many patented features. These unique technologies ensure that our Raman microscopes are fast, flexible and fully automated. Find out more about the system

A practical approach to quantitative analytical surface-enhanced Raman ...

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1. Introduction Surface-enhanced Raman spectroscopy (SERS) is a vibrational spectroscopic technique that exploits the plasmonic and/or chemical properties of nanomaterials to

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