

Price quote for high-performance spectrometers



AI Overview

High-performance spectrometers can range from \$50,000 for entry-level models to over \$2.5 million for top-tier mass spectrometry systems, depending on type, resolution, and manufacturer.

Mass Spectrometers The cost of mass spectrometers varies widely based on technology and performance:

- Quadrupole systems:** \$50,000–\$150,000, suitable for routine analysis in pharmaceuticals and environmental testing.
- Time-of-Flight (TOF) systems:** \$200,000–\$500,000+, offering high resolution for proteomics and metabolomics.
- Ion Trap systems:** \$100,000–\$300,000, ideal for structural analysis and drug discovery.
- Orbitrap systems:** \$400,000–\$1,000,000+, providing high-resolution accuracy for complex biological studies.
- Fourier Transform Ion Cyclotron Resonance (FT-ICR):** \$1.5 million–\$2.5 million, ultra-high-resolution instruments for advanced research.

Used mass spectrometers can be significantly cheaper, e.g., FT-ICR systems may cost \$100,000–\$1,500,000, and triple quadrupole systems \$15,000–\$250,000.

Optical and Raman Spectrometers Preconfigured optical and Raman systems vary depending on wavelength range, sensitivity, and included accessories:

- LED and solar measurement systems:** Typically include spectrometers covering 350–1150 nm or 300–1100 nm, with prices depending on configuration and calibration standards.
- Raman spectrometers:** Low-cost preconfigured systems for 785 nm Raman spectroscopy include lasers, collection optics, and cooled detectors, with pricing generally in the tens of thousands of dollars range.
- Dual spectrometer systems:** Covering UV to NIR ranges (250–1700 nm) with full calibration and fiber optic coupling, prices are higher due to multi-element capability and precision.

Factors Affecting Price Resolution and sensitivity: Higher resolution and faster data acquisition increase cost. Manufacturer...

Article Content

LAMBDA 1050+ UV/Vis/NIR Spectrometer : Quote, RFQ, Price and Buy

PerkinElmer LAMBDA 1050+ UV/Vis/NIR spectrophotometers are designed to offer the highest performance and flexibility to analyze a wide range of sample types.

Buy Mass Spectrometers For Sale, New & Used Prices | LabX

New models can offer enhanced performance, efficiency, and ease-of-use -- while used models may provide suitable performance at significantly lower prices. Consider the condition of the system

Raman Spectroscopy Instrument Pricing: A Comprehensive Guide

Instrument Type Obviously the first factor we'll cover is instrument type, which plays a significant role in pricing: Handheld Raman spectrometers are compact, designed for real-time

LAMBDA® 365+: Double-Beam UV/Vis Spectrometer :

The new LAMBDA® 365+ double-beam UV/Vis spectrometer delivers the performance researchers and analysts need to measure high absorbance liquids.

Compact Spectrometers — High-Performance Options

Compare Compact Spectrometers for UV-VIS-NIR analysis, OEM integration, and labs. Review specs, request quotes, and source on FindLight.

The 4 Best Places to Buy Affordable Spectrometers for Lab Use

Equip your laboratory with cost-effective instruments. Explore the top four companies for affordable spectrometers.

ARL™ QUANT'X EDXRF Spectrometer EDXRF

Equipped with a latest generation high performance SDD detectors, the QUANT'X handles high count rates at excellent resolutions, and brings superior

Orbitrap Exploris™ 120 Mass Spectrometer 40 to 3000 m/z ...

Orbitrap Exploris™ 120 Mass Spectrometer. Achieve the maximum level of certainty in your high-resolution mass spectrometry results for both screening and quantitation using the Orbitrap Exploris

Zetium Spectrometer : Quote, RFQ, Price and Buy

X-ray fluorescence spectrometry (XRF) can perform elemental analysis of numerous materials such as liquids, solids, and loose powders. The Zetium spectrometer is built to meet the most demanding

Buy High performance spectrometers ⇒ All Products

Find out product prices easily by requesting a quote. Tip: Select a quick entry below to view selected high performance spectrometers by supplier.

Mass Spectrometer Costs: How Much Should You Budget?

In this guide, we'll break down the factors that influence mass spectrometer pricing, compare cost ranges for different system types, and explore whether buying or leasing is the best

Laboratory Spectrometers & Spectrophotometers – MSE Supplies

We offer a selection of UV/VIS spectrophotometers and luminometers that provide precise measurements for a variety of research applications, from analyzing light absorption in materials to

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High-performance research tools, high-quality materials, and dependable laboratory supplies at accessible prices

Mass Spectrometers Equipment | Review, Compare, Get Quotes (RFQ) & Prices

Once submitted, we will try and place you in contact with a suitable Mass Spectrometers supplier within 48 hours.

FTIR, NIR and Raman | Spectrometers, Microscopes| Prices, Quotes ...

The final price depends mainly on: instrument type (microscope / spectrometer, FTIR / NIR / Raman, handheld/portable/benchtop) use of instrument (correct choice of detectors, beam splitters, radiation

Silver Plus E Spectrometer at Best Price in Mumbai

Product Overview We are a leading manufacturer offering the Silver Plus E Spectrometer, a new, 1kW electric-powered device designed for industrial use. This automatic spectrometer is CE certified,

Mass Spectrometer Affordability Programs

Affordable pathways for every lab. Get the reliability and innovation you expect without overspending. With refurbished systems, trade-in programs, and flexible leasing options, you can expand your lab's

Buy Spectrophotometer, UV-Vis, Fluor For Sale, New & Used Prices

How much do spectrophotometers UV-Vis/Fluor cost? Prices for new systems generally range from \$3,000 to \$60,000, depending on the wavelength range, sensitivity, and additional features. High-end

Buy Spectrophotometer, UV-Vis, Fluor For Sale, New & Used Prices

Find spectrophotometers available for purchase online or send a quote request directly to one of our many reputable vendors. You can find a wide variety of new and used systems from top

Spectrometers & Spectroscopy Equipment | Edmund Optics

Whether you're building a custom solution or seeking a turnkey system, our spectrometers support UV-VIS spectroscopy, NIR spectroscopy, fluorescence, and Raman applications, making them ideal for

Spectrometers | Compare | Review | Quote

Once submitted, we will try and place you in contact with a suitable Spectrometers supplier within 48 hours. A spectrometer is a scientific instrument used to measure properties of light over a specific

Mass Spectrometer Costs: How Much Should You Budget?

Analytical performance The performance specifications of a mass spectrometer—sensitivity, resolution, and data processing speed—play a major role in determining

FTIR, NIR and Raman | Spectrometers, Microscopes| Prices, Quotes ...

We will be happy to prepare a quote for FTIR, NIR or Raman spectrometer or microscope tailored for your purposes. If you are interested, just fill in the contact form and we will get back to you.

Contact Us

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