

Price of Laboratory Spectrometers



AI Overview

Laboratory spectrometers typically range from \$1,000 for used or compact models to \$60,000 for high-end, advanced systems.

Price Ranges

New UV-Vis and Fluorescence Spectrophotometers: Prices generally range from \$3,000 to \$60,000, depending on wavelength range, sensitivity, and additional features such as dual-beam capability or advanced fluorescence detection.

Used or Refurbished Systems: More cost-effective options are available, typically ranging from \$1,000 to \$30,000, depending on condition, brand, and capabilities.

Compact or Portable Spectrometers: Smaller, field-ready instruments designed for portability and ease of integration can be found at lower prices, often starting around \$1,000 to \$5,000, while maintaining high sensitivity for specific applications.

Factors Affecting Price

Type of Spectrometer: Spectrometers measure a broad range of wavelengths (UV, visible, infrared) and are used for chemical composition analysis. Spectrophotometers focus on specific wavelength ranges, often UV-Vis, and are used for quantitative analysis like concentration measurements.

Wavelength Range and Sensitivity: Instruments with extended UV-Vis or infrared capabilities, or high sensitivity for fluorescence detection, are priced higher.

Brand and Vendor: Top manufacturers like Agilent, PerkinElmer, and Thermo Fisher Scientific command higher prices, while smaller brands or generic models may be more affordable.

Additional Features: Software packages, integration options, and customization for specific research protocols can increase the cost.

Where to Buy

Online Marketplaces: Amazon and eBay offer a variety of new and used spectrometers with varying prices and shipping options.

Specialized Suppliers: Companies like MSE Supplies and LabX provide instruments tailored for research applications, including high-precision UV/VIS spectrophotometers and luminometers.

Bulk or Industrial Suppliers: Alibaba lists a wide range of spectrometer types, including portable, optical, and FTIR models, ofte...

Article Content

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Spectroscopy instruments are vital in laboratories for analyzing the interaction between matter and electromagnetic radiation. These devices allow scientists to identify, quantify, and study the

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How much does a mass spectrometer cost? The typical price of a new mass spectrometer varies dramatically depending on the model.

Mobile Mass Spectrometers Market Size, Share & Growth, 2026-2035

Mobile Mass Spectrometers Market was dominated by Government & Research Institutions in 2025, which contributed nearly 39.00% of the overall revenue. Leadership of the segment has

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Wondering how much a spectrophotometer costs? Explore pricing ranges, key features, and what to expect when budgeting for your lab.

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Prices for new systems generally range from \$3,000 to \$60,000, depending on the wavelength range, sensitivity, and additional features. High-end models

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Mass Spectrometer Costs: How Much Should You

In this guide, we'll break down the factors that influence mass spectrometer pricing, compare cost ranges for different system types, and

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Laboratory Spectrometer Market: Growth Projections Across

Laboratory spectrometers are analytical instruments that measure the interaction of electromagnetic radiation with matter, facilitating qualitative and quantitative analysis across diverse ...

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Mass Spectrometer Costs: How Much Should You

Price Ranges for Mass Spectrometers Mass spectrometer costs vary widely based on technology, sensitivity, resolution, and additional capabilities.

Spectrophotometers for sale

Enhance your lab with top spectrophotometers like Eppendorf Biophotometer and Hamamatsu L6637. Unlock precision measurements. Shop on eBay today!

Wholesale Infrared Spectrometer Price Manufacturer and Supplier ...

The Infrared Spectrometer Price boasts a competitive price point, offering exceptional value for its performance and capabilities. Whether you are conducting academic research or managing a

Laboratory X Ray Fluorescence Spectrometers Market

The global Laboratory X Ray Fluorescence Spectrometers Market market size is expected to hit around USD 980 million by 2035 from USD 480 million in 2025, growing at a CAGR of

Contact Us

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