

Article Overview

Spectrometer tests typically cost between \$80 and \$220 per analysis, depending on the type of lab, sample preparation, and affiliation.

Typical Pricing

- o Academic or non-profit labs: For example, Harvard Center for Mass Spectrometry charges \$83 per hour for Harvard-affiliated researchers and \$149 per hour for other non-profits for custom work, with additional charges for sample preparation or method development .
- o Corporate clients: Rates can be higher, around \$216 per hour, reflecting the commercial service premium .
- o Batch or bulk analyses: Many labs offer discounted rates for high-volume testing, which can reduce the per-sample cost significantly .

Factors Affecting Cost

- o Type of spectrometer: Mass spectrometers vary widely in capability and cost. Entry-level quadrupole systems are more affordable, while high-resolution Orbitrap or FT-ICR instruments are more expensive, which can influence testing fees if specialized equipment is required .
- o Sample preparation: Complex sample preparation, such as lipidomics or metabolomics, may incur additional charges due to the extra time and reagents needed .
- o Turnaround time: Faster processing or urgent analysis often increases the cost, while standard two-week processing is usually the most economical .
- o Lab type and location: Independent commercial labs may offer lower fixed prices compared to hospital or corporate labs, which often have higher overhead .

Example Costs

- o Single analysis at an academic lab: \$80-\$150 per run for standard LC-MS or similar spectrometer tests .
- o Corporate or commercial lab: \$200-\$220 per hour for custom analyses, with additional fees for method development or complex sample types .
- o High-end specialized testing: Costs can exceed \$500 per sample if using ultra-high-resolution instruments or advanced proteomics/metabolomics workflows . In summary, a spectrometer test can range from under \$100 for basic academic analyses to over \$200 per sample for corporate or specialized testing, with the final cost influenced by sample complexity, lab affiliation, and turnaround requirements.

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Price of Spectrometer Testing Process

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Cost, fee, price, pricing of this fee for service analytical service laboratory for bulk elemental analysis (EA) and

Buy new and used mass spectrometers on LabX. Auctions for Mass Specs and analytical instruments. GC-MS, LC-MS, Ion Trap,

Utilize our advanced Spectro Testing Service with ISO/IEC 17025 accredited lab, providing precise chemical composition analysis for

Meanwhile, our Instrumental Lab leverages various types of spectrometers (emission, absorption, ICP), hardness

Trace analysis of industrial waste water and liquids from production processes, e.g., of electrolyte and coating baths, is a typical

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Abstract There is a growing interest for cost-effective and nondestructive analytical techniques in both research and

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Raman Spectroscopy Analytical Services offer a precise and cost efficient way to analyze molecular structures with minimal sample

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A Comprehensive Guide to Mass Spectrometry Pricing and Options Mass spectrometry (MS) is a powerful analytical

While initially focused on Chemical Testing activities around solid metals and their alloys, the Laboratory has rapidly



Price of Spectrometer Testing Process

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