Latest Price List for Tray Spectrometers



Overview

Spectrometry: Industrial & Scientific Online shopping for Spectrophotometers - Spectrometry from a great selection at Industrial & Scientific Store. Spectr.

Key Takeaways

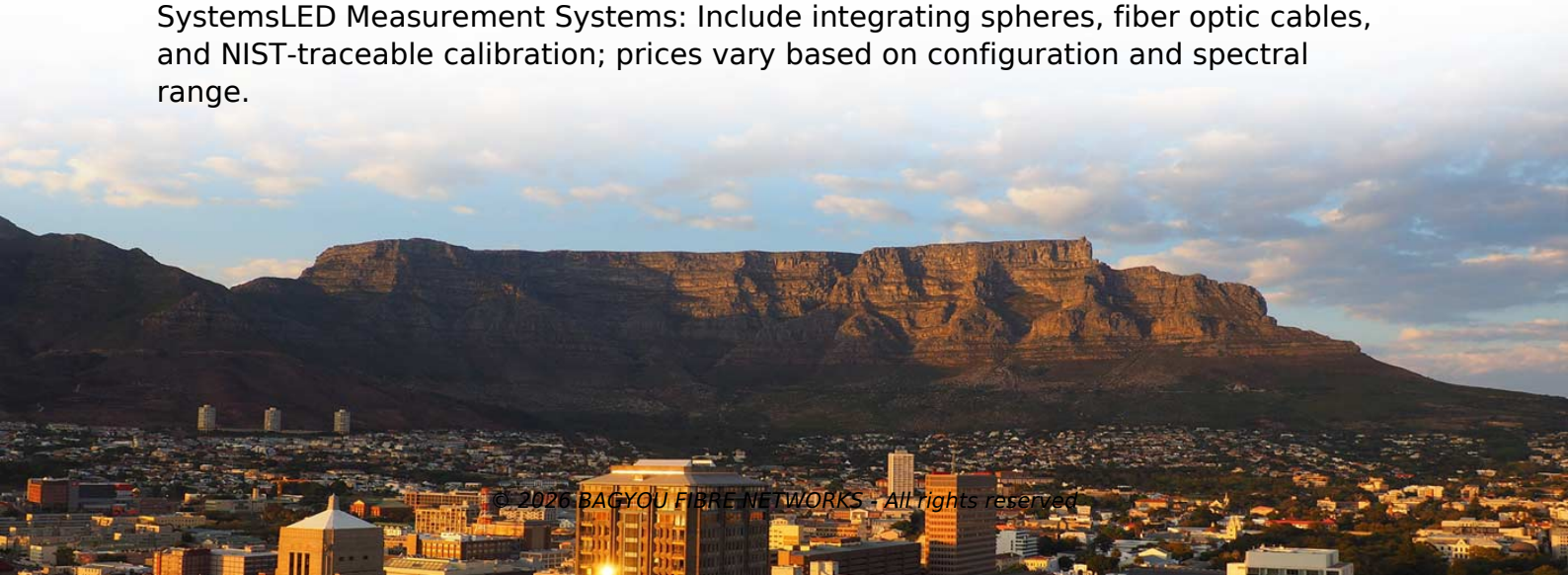
Tray spectrometers and preconfigured spectroscopy systems range from around $1,000 for basic used units to over $50,000 for high-end, fully calibrated systems.

General Price Ranges

Basic UV-Vis Spectrophotometers: Entry-level benchtop models typically cost $3,000 to $10,000, suitable for routine absorbance measurements in teaching labs or basic research.

High-

End UV-Vis/Fluorescence Systems: Advanced instruments with extended wavelength ranges, high sensitivity, or microvolume capabilities can exceed $50,000, often used in pharmaceutical, environmental, or molecular biology applications. Used or Refurbished Units: Cost-effective options are available, generally ranging from $1,000 to $30,000, depending on condition, brand, and features. Preconfigured Spectrometer SystemsLED Measurement Systems: Include integrating spheres, fiber optic cables, and NIST-traceable calibration; prices vary based on configuration and spectral range.



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Solar-

Rad Systems: Designed for solar irradiance measurements over 300–1100 nm, with optional deep UV; fully calibrated systems are typically in the $10,000–$25,000 range. Display and Fluorescence Systems: Preconfigured for monitor analysis or liquid fluorescence studies; include spectrometers, fiber optics, and calibration certificates. Dual Spectrometer Systems: Combine UV-NIR and NIR spectrometers for broad spectral coverage (250–1700 nm), including fiber optics and NIST calibration; these systems are generally $20,000–$40,000 depending on configuration.

Raman Spectrometers: 785 nm Vial System: Low-cost Raman system with laser, cooled spectrometer, and 25 sample vials; suitable for quick identification of liquids, solids, or powders. 785 nm and 532 nm Systems: Include high-resolution cooled spectrometers, probes, and SERS substrates; prices typically range from $15,000 to $50,000 depending on laser power and accessories.

Online Marketplaces

Amazon and LabX offer a variety of new and used spectrometers, allowing buyers to compare prices and request quotes from multiple vendors. Fisher Scientific and other lab suppliers provide UV-Vis spectrophotometers with varying features, from entry-level NanoDrop models to advanced Evolution series, with prices reflecting functionality and software capabilities.

Key Factors Affecting Price

Spectral Range: Broader UV-Vis-NIR coverage increases cost. Sensitivity and Resolution: High-resolution or fluorescence detection systems are more expensive. Calibration: NIST-traceable calibration and certificates add to the price.

Accessories: Fiber optic cables, integrating spheres, probes, and sample holders influence total cost. Brand and Condition: Established brands and new units command higher prices than refurbished or lesser-known models. For budgeting, basic tray spectrometers start around $3,000, while fully equipped, preconfigured systems for research or industrial applications can exceed $50,000.

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Article Content

Spectrometry: Industrial & Scientific

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Spectroscopy Ninja

Price includes slit, UV detector upgrade, detector lens, integrated order sorting filters, composite grating mounted in large optical bench for wide range, TE cooled detector, and USB-2 interface cable.

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

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

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

Spectrometers & Spectroscopy Equipment | Edmund Optics

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Edmund Optics offers a range of optical spectrometers and compatible accessories. Our selection includes gas cells, reflectance standards, phantom samples, fiber optics, and light sources—along

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Atomic Absorption Spectrometers (AAS), Circular Dichroism (CD) Spectrometers, and Thermo Fisher Scientific spectrometers for sale. Find used spectrometers on Machinio.

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Amazon : Spectrometers

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Mass Spectrometers

Mass Spectrometers Spectrometers that detect, identify, and quantify molecules within samples based on molecular mass-to-charge ratio after ionization. Mass spectrometers employ various ionization

The Best Mass Spectrometers of 2026: Top Picks for

Upgrade laboratory analysis with the best mass spectrometers of 2026. Explore top models for sensitivity, throughput, and precision from Thermo,

Mass Spectrometer Costs: How Much Should You Budget?

Price Ranges for Mass Spectrometers Mass spectrometer costs vary widely based on technology, sensitivity, resolution, and additional capabilities. Understanding pricing tiers helps labs

The Best NMR Spectrometers of 2026: A Buyer''s Guide

Discover the top-rated NMR spectrometers of 2026 for research and industry. Compare high-field and benchtop models to find the right fit for your lab.

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

Spectrometer

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