

Price of UV-Vis Spectrophotometer



AI Overview

UV-Vis spectrophotometers typically range from \$3,000 to over \$50,000, depending on model, features, and capabilities.

Price Ranges

Entry-level models: \$3,000–\$10,000. These instruments are suitable for routine analysis, educational labs, and basic molecular absorption measurements. They usually feature single-beam designs, limited wavelength ranges (190–1100 nm), basic monochromators, and minimal automation.

Mid-range models: \$10,000–\$25,000. These include double-beam designs for higher accuracy, adjustable bandwidths, expanded wavelength ranges, microvolume capabilities (e.g., Thermo Scientific NanoDrop), and enhanced software for data analysis and LIMS integration. Ideal for research labs, quality control, and pharmaceutical applications.

High-end models: \$25,000–\$60,000+. These systems offer advanced features such as fluorescence detection, ultra-sensitive biomolecule quantification, extended UV-Vis ranges, automated calibration, high-resolution optics, and comprehensive validation protocols. They are designed for biopharma, clinical diagnostics, and high-throughput research.

Factors Affecting Cost

Wavelength range and resolution: Broader ranges and higher resolution increase price.

Light source and monochromator type: Advanced optics and double-beam designs add to cost.

Automation and software: Microvolume detection, data analysis, and LIMS integration raise the price.

Brand and model: Established brands like Thermo Scientific, Mettler Toledo, and Fisher Scientific often command higher prices due to reliability and support.

New vs. used: Used instruments can cost 30–50% less, ranging from \$1,000 to \$30,000 depending on condition and features.

Additional Considerations

Service and support packages: Installation, training, preventive maintenance, and extended warranties may be included or purchased separately, affecting the total investment.

Leasing and financing options: Many suppliers offer flexible payment plans to make high-end instruments more accessible to smaller la...

Article Content

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UV Vis Spectrometer Price Guide: Comprehensive Analysis of Costs ...

Explore UV Vis spectrometer pricing options, from entry-level to premium models. Compare features, benefits, and flexible payment solutions for laboratories of all sizes.

Spectrophotometer Pricing Guide: What to Expect

Spectrophotometer pricing varies widely, from \$1,500 for basic UV-Vis models to \$50,000+ for high-end fluorescence and NIR systems. Choosing

VWR® UV-6300PC, UV/Visible Spectrophotometer | VWR, part of

Product Details UV/Visible spectrophotometer with double-beam optical system, designed for applications including general research, pharmaceutical, biochemical and clinical laboratory use, new

The Best Spectrophotometers: A Buyer's Review of

Category: Best For Routine Analysis The GENESYS 50 is a single-cell, single-beam UV-Vis spectrophotometer built for durability and ease of

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UV Vis Spectrophotometer Price

UV-Vis spectrophotometer prices are usually between \$1000 and \$5000, depending on the sophistication and features of the equipment. There are automated systems that cost more than

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Versatile, Routine UV-Vis Instrument, Cary 60 | Agilent

The Cary 60 UV-Vis spectrophotometer is efficient, accurate, and well-suited as a routine UV-Vis instrument or for use in teaching labs. Perform your UV-Vis

Agilent Cary 60 UV-Vis Spectrophotometer with Solo VPE System

Agilent Cary 60 UV-Vis Spectrophotometer with Solo VPE System — quality-verified used / refurbished, function-tested before shipment. Contact us for condition, configuration and freight.

UV-Vis Spectrophotometer With Scanner Market Size Report

The global "UV-Vis Spectrophotometer With Scanner Market" is expected to witness a compound annual growth rate (CAGR) of 5% between 2026 and 2033. The Global Market Overview

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New & Used thermo scientific genesys 10s uv vis

This used Thermo Scientific Genesys 10S UV- Vis spectrophotometer is a reliable single beam instrument commonly found in teaching labs, quality control departments, and research settings.

Single Beam UV Spectrophotometer: Uses, Advantages & Why

How to Select the Right Single Beam UV Spectrophotometer for Your Lab With several models available, here are the key parameters to evaluate when choosing a Single Beam UV

UV-Vis Spectrophotometers

UV Vis spectrometers from Thermo Fisher Scientific provide reliable, quantitative spectroscopy chemical analysis for teaching, research, and industrial labs.

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Spectroquant ® Prove 300: a robust UV/VIS spectrophotometer for sensitive measurements, such as the analysis of drinking water and beverages.

Contact Us

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