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How much does a handheld spectrometer cost



Overview

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

Key Takeaways

Handheld spectrometers typically range from around $500 to over $5,000 depending on features, precision, and brand.Price Range Overview
• Entry-level models: Basic handheld spectrometers for simple light measurement or color analysis can start at approximately $500 to $1,000 on platforms like Amazon and eBay . These are suitable for educational purposes or basic field testing.

• Mid-range models: More advanced portable spectrophotometers with higher precision, multi-angle measurement, or specialized software typically cost $1,500 to $3,500 . These are often used in industrial quality control, printing, or laboratory applications.

• High-end professional models: Premium handheld spectrometers, such as X-Rite's eXact 2 or multi-angle sphere spectrophotometers, can exceed $5,000 . These instruments offer advanced features like patented video targeting, multi-angle color measurement, and precise gloss compensation for reflective surfaces.
Factors Affecting Price
• Measurement capabilities: Devices that measure multiple angles, gloss, or special effect coatings are more expensive.

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• Accuracy and precision: Higher-end models provide more reliable and repeatable results, which increases cost.

• Brand and support: Established brands like X-Rite offer extensive support, calibration services, and software, which can raise the price.

• Portability and design: Compact, lightweight, and rugged designs suitable for field use may cost more than basic handheld units.
Where to Buy
• Amazon: Offers a wide range of handheld spectrometers from entry-level to mid-range models .

• eBay: Provides both new and used options, often at competitive prices, with fast shipping and return options .

• Manufacturer websites: Brands like X-Rite provide detailed specifications and pricing for professional-grade instruments . In summary, the price of a handheld spectrometer depends heavily on its intended use, precision, and features, with options available for both budget-conscious buyers and professional users.

Article Content

Spectrometry: Industrial & Scientific

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

Amazon : Spectrometer Handheld

Explore a wide range of handheld spectrometers for light measurement and analysis. Find portable spectrum analyzers for research,

Handheld Spectrometer

Price when purchased online. Shop for Handheld Spectrometer at Walmart . Save money. Live better.

Amazon : Spectrometers

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Handheld Visible and NIR Spectrometers

Handheld Visible and NIR Spectrometers GoyaLab spectroscopy instruments use a patented optical configuration based on axial

Handheld Spectrometer

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Handheld Colorimeter Portable Spectrophotometer With Integrating Sphere Portable Spectrometer For Testing Equipment -

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Ultraviolet Digital Lab Spectrophotometer | with USB interfaces, Wavelength accurracy±0.5nm, 190-1100nm,Tungsten Lamp and

XRF Analyzer Price | SPECTRO Analytical Instruments

The cost of an XRF analyzer can vary widely based on the type of instrument, its features, and how you plan to use it. Handheld

How Much Does an XRF Spectrometer Cost?

Ever wondered how much an XRF spectrometer really costs? The answer isn''t so simple, it

Handheld Spectrometer Price: Find Best Deals

Discover the best handheld spectrometer prices from verified suppliers. Compare features, pricing tiers, and performance. Click to

Rental Options for Spectroscopy Equipment | Spectrecology

Cost efficiency: Grant- or donor-funded studies often have a firm budget, so a low-cost rental is easier to manage up front, but can

Amazon.ca: Spectrometer

Lab Analytical Equipment Handheld Portable Wavelength 340-1000nm Spectrometer Test Spectrum CCT CRI LUX Plant Grow Light

Amazon Best Sellers: Best Lab Spectrometers

Discover the best Lab Spectrometers in Best Sellers. Find the top 100 most popular items in Amazon Industrial & Scientific Best Sellers.

Shop Raman Spectroscopy Equipment For Sale, New and Used

How much does Raman Spectroscopy Equipment cost? Prices for new Raman spectroscopy systems generally range from $20,000

Amazon : Spectrometers

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Handheld Spectrometer for sale

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Buy Infrared and FTIR Spectrometers For Sale, New & Used Prices

For those seeking a cost-effective option, used systems are available with prices generally ranging from $7,000 to $60,000,

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