Where can I find a spectrometer

Overview

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

Key Takeaways

You can purchase spectrometers from online marketplaces, specialized scientific suppliers, and manufacturers offering both portable and laboratory-grade instruments.

Online Marketplaces

Amazon offers a wide range of spectrometers, including handheld, portable, and color measurement devices suitable for educational, hobbyist, and light laboratory use.eBay provides new, used, and refurbished spectrometers, including high-end lab models like Thermo Fisher, Agilent, and Ocean Optics, often with competitive pricing and shipping options. Walmart carries portable and desktop spectrophotometers for color analysis and laboratory applications, with prices ranging from a few hundred to several thousand dollars. Specialized Scientific SuppliersCole-Parmer stocks advanced spectrometers and spectrophotometers, including UV-Vis, IR, and accessories for laboratory and industrial applications.

Thomas Scientific offers infrared and UV-Vis spectrometers for research, quality control, and material identification, suitable for pharmaceuticals, environmental testing, and forensic labs.

MS

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E Supplies provides laboratory-grade spectrometers and spectrophotometers, including single-beam, double-beam, and FTIR models, with options for customization and bulk orders. Edmund Optics specializes in optical spectrometers for UV-VIS, NIR, and Raman applications, along with compatible accessories for research and industrial use.

USB and Compact Spectrometers

Ossila offers compact USB spectrometers for UV-Vis-NIR measurements, ideal for research labs, educational purposes, and integration into existing optical setups. These devices include free software and modular accessories for versatile applications.

Tips for Choosing

Determine the wavelength range you need (UV, visible, NIR, or full spectrum). Decide between portable/handheld versus benchtop/lab-grade models depending on your application. Check for software compatibility and data acquisition features if you plan to integrate the spectrometer with a computer or lab system.

Consider shipping, warranty, and support from the supplier, especially for high-end laboratory instruments. By exploring these options, you can find a spectrometer that fits your budget, application, and technical requirements.

Article Content

Amazon : Spectrometers

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

Spectrometry: Industrial & Scientific

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

Spectrometers & Spectroscopy Equipment | Edmund

Optical spectroscopy is a technique that analyzes how light interacts with matter to reveal the spectral characteristics of a sample. By using an optical spectrometer

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

Spectrometer | Optical, Light & Wavelength | Britannica

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Spectrometer, Device for detecting and analyzing wavelengths of electromagnetic radiation, commonly used for molecular spectroscopy; more broadly, any of

Spectrometers — Compact to Raman | FindLight

Compare spectrometers for spectral analysis, from compact units to Raman systems and colorimeters. Evaluate specs and request quotes on FindLight.

Spectrometer

A spectrometer measures this change over a range of incident wavelengths (or at a specific wavelength). There are three main components in all spectrometers;

Journal of Analytical Atomic Spectrometry

Where can I find a journal''s aims and scope of Journal of Analytical Atomic Spectrometry? For the Journal of Analytical Atomic Spectrometry''s Aims and Scope, please refer to the section above on

Spectrometer

An XPS spectrometer A spectrometer (/ spɛkˈtrɒmɪtər /) is a scientific instrument used to separate and measure spectral components of a physical phenomenon. Spectrometer is a broad term often used

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.

Spectroscopy Equipment for Any Application | Spectrecology

Spectrometers: Our selection includes high-speed, high-performance spectrometers, NIR equipment for infrared applications and Raman models you can optimize for your specific wavelength, range and

Spectrometers

UV spectrometers: Precise determination in the laboratory UV spectroscopy is particularly suitable when the materials to be analyzed have electron transitions in the wavelength range between 200 and 400

What Is a Spectrometer

What is a spectrometer? It might be just what you need for chemical testing. We''ll explain what it is, how it works, applications, benefits and more.

Spectrometers | UV VIS NIR | Avantes

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There are different types of spectrometers. The most common are mass spectrometers, NMR spectrometers, and optical spectrometers. To find out what spectroscopy is all about, visit the

Spectrometers

A Spectrometer is a scientific instrument used to measure and analyze the properties of light over a specific portion of the electromagnetic spectrum. Spectrometers from the leading manufacturers are

Mass spectrometry

Schematics of a simple mass spectrometer with sector type mass analyzer. This one is for the measurement of carbon dioxide isotope ratios (isotope ratio mass spectrometry) as in the carbon-13

What Is A Spectrometer?

A spectrometer is a common tool used by various scientists to determine information about an object or substances through the analysis of its

Spectrometer Basics

Spectrometers can and are used in all of the physical sciences; physics, chemistry, biology, astronomy, geology, metrology among others over thousands of applications in communications, energy,

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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