

Price List of Copper Element Spectrometers



AI Overview

Copper spectrometers typically range from around \$1,000 for portable XRF models to over \$50,000 for advanced laboratory-grade optical emission spectrometers (OES).

Price Overview

Portable XRF Spectrometers: Handheld devices designed for rapid, non-destructive metal analysis, including copper, generally cost \$1,000 to \$10,000 depending on detector type, X-ray tube power, and onboard data storage capabilities (e.g., Amazon JITA19201 model). These are ideal for fieldwork or quick alloy verification.

Laboratory-Grade Optical Emission Spectrometers (OES): High-precision instruments used in metallurgy and quality control for copper and its alloys can range from \$20,000 to \$50,000 or more. These devices provide real-time, quantitative analysis of multiple elements and are standard in foundries, metal fabrication plants, and research labs.

Atomic Absorption Spectrometers (AAS) and ICP-MS Systems: While not always marketed specifically as “copper spectrometers,” these instruments are used for trace copper analysis in liquids and biological samples. Prices typically start around \$15,000 and can exceed \$60,000 depending on sensitivity and automation features.

Bulk or Industrial Suppliers: Platforms like Alibaba offer a range of copper spectrometers with CE certification and rapid testing capabilities, often priced according to batch size, technology (XRF, IR, OES), and shipping options.

Entry-Level or Educational Kits: Some eBay listings provide basic copper spectrometer kits for educational or hobbyist use, with prices starting as low as \$500 to \$1,500, though these are less precise and suitable for demonstration purposes rather than industrial analysis.

Factors Affecting Price

Technology Type: XRF is generally cheaper and portable, OES is more expensive but highly precise, and AAS/ICP-MS is specialized for trace analysis.

Portability: Handheld devices cost less t...

Article Content

Portable XRF Analyzer & Price List

Here I list the price of a Portable XRF Analyzer (AKA handheld XRF spectrometer) depends on functionality and Brand. Used models can save you as much as 70% over new ones.

Spectroscopy Ninja

Raman-785-Vial System - The Preconfigured low cost 785nm Raman Spectrometer system contains everything you need for Raman Spectroscopy at 785nm and can perform quick identification of a

Elemental Testing Price Guide 2025

Major (Routine) Elements using ASTM D6357-ICP-MS ... \$67.00 digest fee required, please inquire. Rare Earth Elements - Please inquire for pricing. Combination and/or volume discounts may apply,

New & Used Metal Spectrometers for sale. Thermo Fisher ...

Search for used metal spectrometers. Find Thermo Fisher Scientific, Perkin Elmer, Agilent - Keysight, Oxford, and Sciex for sale on Machinio.

Portable XRF Metal Analyzer

This rugged 245x250x90mm portable spectrometer delivers fast, precise elemental identification in the field. The 50kV X-ray tube and high sensitivity Si-PIN diode detector provide accurate analysis of

metal analysis spectrometer Price

Oes9000 Optical Emission Spectrometers Metal Element Analysis OEM/ODM Tensile Testing Machine US\$18,000.00 / Piece Get Latest Price > 1 Piece (MOQ)

Spectrometers

Find trusted Spectrometers including seed analyzer, portable optical emission spectrometer, x-ray fluorescence spectrometer and mass spectrometer from verified suppliers in India. Compare prices &

XRF analyzer price

XRF analyzers can cost between \$25,000 to \$50,000. Prices will vary based on the functionality, performance and size of the device.

Portable XRF Metal Analyzer

Buy Portable XRF Metal Analyzer - Handheld 50kV Spectrometer - Fast Elemental Identification - Si-PIN Diode Detector - 6 Filters Peltier Cooling - Alloy Steel

Element EDS System : Quote, RFQ, Price and Buy

The element Energy Dispersive Spectroscopy (EDS) System offers powerful analytical capability in a small package, improves flexibility and performance, and provides streamlined operation to ensure

Metal analysis spectrometer

Find your metal analysis spectrometer easily amongst the 40 products from the leading brands (Thermo Fisher, LECO, Malvern Panalytical, ...) on DirectIndustry, the industry specialist for your professional

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Optical Emission Spectrometer for Copper

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Spectrometers Copper

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Copper spectrometer

Copper spectrometers and emission copper analyzers are essential analytical tools across a wide range of industries. These instruments provide rapid, accurate, and reliable detection of

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Handheld/Portable XRF Analyzers for Precise Elemental Analysis

Handheld XRF (X-ray fluorescence) analyzers operate on a powerful yet non-destructive principle. When the device is pointed at a sample, it emits a beam of primary X-rays that interact with the atoms in

China Copper Spectrometer, Copper Spectrometer Wholesale,

Looking for Copper Spectrometer factory in China? This page lists manufacturers of quality Copper Spectrometer, find out more by clicking spectrometer, metal analyzer, spark spectrometer with

SPECTROMAXx Metal Analyzer | SPECTRO Analytical Instruments

The SPECTROMAXx ARC/SPARK OES analyzer delivers fast, accurate elemental analysis in metal producing and fabricating plants, and iron and non-ferrous foundries.

Prices of chemical elements

Prices of chemical elements This is a list of prices of chemical elements. Listed here are mainly average market prices for bulk trade of commodities. Data on elements' abundance in Earth's crust is added

Metal Spectrometer Manufacturers, Suppliers, Dealers & Prices

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Elemental Spectrometers

Elemental Spectrometers Instruments and accessories for the quantitative determination of chemical elements within a sample. Products employ various excitation sources and include atomic absorption

Scopex Benchtop Xrf Copper Alloy Analyzer X-ray

ScopeX benchtop XRF Copper Alloy Analyzer X-ray fluorescence spectrometer for copper alloy ScopeX Spectrometer is a X-ray fluorescence analyzer designed for

Contact Us

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