XRF Spectrometer Brands



Overview

XRF spectrometer, X-ray spectrometer Find your xrf spectrometer easily amongst the 120 products from the leading brands (Malvern Panalytical, Thermo Fisher.

Key Takeaways

Leading XRF spectrometer brands include Rigaku, Bruker, Malvern Panalytical, SPECTRO, Skyray Instruments, Elvatech, and Evident Corporation, offering handheld, benchtop, and industrial analyzers for diverse applications.

Prominent Brands and Their Offerings

Rigaku – Offers the NEX series of high-performance EDXRF analyzers capable of measuring elements from sodium (Na) to uranium (U) in various sample forms, suitable for materials analysis, quality control, and research applications. Bruker – Known for handheld and benchtop XRF analyzers, Bruker provides solutions for metals, mining, environmental testing, and precious metal analysis. Their instruments are widely used in industrial and laboratory settings.

Malvern Panalytical – Offers the Epsilon series (Epsilon 1, 3, 4) for benchtop elemental analysis, suitable for process control, research, and quality assurance across multiple industries.

SPECTR

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O – Produces handheld and desktop XRF analyzers, including the xSORT for rapid alloy identification and light element detection, ideal for metal recycling and compliance testing. Skyray Instruments – Provides both handheld and benchtop XRF spectrometers with advanced detectors for precise elemental analysis in industrial and laboratory applications. Elvatech Ltd. – Offers benchtop and specialized XRF analyzers for metals, minerals, plastics, and food quality control, as well as environmental and archaeological applications.

Evident Corporation – Formerly Olympus Scientific Solutions, Evident develops handheld XRF analyzers, industrial microscopes, and automated inspection systems for aerospace, automotive, electronics, and medical research. Additional ConsiderationsXRF spectrometers vary by detector type (energy-dispersive EDXRF vs wavelength-dispersive WDXRF), portability (handheld vs benchtop vs industrial inline), and application focus (precious metals, coatings, environmental testing, or process control). Brands like SPECTRO and Skyray emphasize rapid field analysis, while Malvern Panalytical and Rigaku focus on high-precision laboratory measurements.

When selecting a brand, consider elemental range, sensitivity, sample type compatibility, and support services, as these factors influence accuracy, efficiency, and suitability for specific industrial or research needs.

Article Content

XRF spectrometer, X-ray spectrometer

Find your xrf spectrometer easily amongst the 120 products from the leading brands (Malvern Panalytical, Thermo Fisher, SPECTRO, ...) on DirectIndustry, the industry specialist for your

Top 100 XRF Spectrometer Manufacturers in 2026 | ensun

Discover all relevant XRF Spectrometer Manufacturers worldwide, including Spectro Analytical Instruments Inc. and XRF SCIENTIFIC LTD

XRF spectrometer, X-ray spectrometer

Find your xrf spectrometer easily amongst the 22 products from the leading brands (Malvern Panalytical, Rigaku, SHIMADZU, ...) on MedicalExpo, the medical

18 X-Ray Fluorescence (XRF) Analyzer Manufacturers in 2026

This section provides an overview for x-ray fluorescence (xrf) analyzers as well as their applications and principles. Also, please take a look at the list of 18 x-ray fluorescence (xrf) analyzer manufacturers

Top XRF Spectrometer Manufacturers in Germany

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Discover all relevant XRF Spectrometer Manufacturers in Germany, including LLA Instruments GmbH & Co. KG and FLUXANA GmbH & Co. KG

Xrf Niton

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Niton Xrf Analyzer

Explore a wide range of our Niton Xrf Analyzer selection. Find top brands, exclusive offers, and unbeatable prices on eBay. Shop now for fast shipping and easy returns!

Elemental Analysis Solutions & Analytical Instruments | SPECTRO

SPECTRO is a global leading supplier of advanced analytical instruments like ICP, Arc Spark OES, and XRF spectrometers for precise elemental analysis of materials.

EVDENT Handheld Alloy Analyzer – Energy Dispersive X-Ray

The EVDENT Handheld Alloy Analyzer is a field-deployable Energy Dispersive X-Ray Fluorescence (ED-XRF) spectrometer engineered for rapid, non-destructive elemental analysis of metallic alloys in

LIMING XRF spectrometers

Discover the XRF spectrometer product range of LIMING. Contact the manufacturer directly.

Best Benchtop XRF Analyzers for Laboratories: Top Manufacturers ...

Leading Benchtop XRF Analyzer Manufacturers and Suppliers The global market for XRF spectrometers features a mix of massive, diversified scientific instrument conglomerates and agile,

Growth Opportunities in the Benchtop XRF Spectrometer Market

The Benchtop XRF Spectrometer market is poised for significant growth, driven by advancements in analytical technologies and increasing demand for accurate material analysis across various industries.

ESI EDX8800M MAX Energy Dispersive X-Ray Fluorescence Spectrometer

Overview The ESI EDX8800M MAX is a high-performance energy dispersive X-ray fluorescence (ED-XRF) spectrometer engineered for precise, non-destructive elemental analysis of heterogeneous

EVDENT VANTA Series Handheld Archaeological XRF Spectrometer

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Overview The EVDENT VANTA Series Handheld Archaeological XRF Spectrometer is an energy-dispersive X-ray fluorescence (EDXRF) instrument engineered for in situ, non-destructive elemental

EVDENT Handheld XRF Analyzer for Precious Metals Analysis

Overview The EVDENT Handheld XRF Analyzer for Precious Metals Analysis is a field-deployable energy dispersive X-ray fluorescence (ED-XRF) spectrometer engineered for rapid, non-destructive

TRACER 5 pXRF spectrometer | Bruker

TRACER 5 is the high value in-situ pXRF performer synchronizing power, function, precision and accuracy for dynamic, field capable laboratory-like elemental analysis.

EVDENT Vanta Handheld Energy Dispersive X-Ray Fluorescence (ED-XRF ...

Overview The EVDENT Vanta Handheld ED-XRF Spectrometer is a field-deployable, laboratory-grade analytical instrument engineered for rapid, non-destructive elemental quantification in precious

Oped Spectrometers

The Zetium XRF spectrometer leads the market in high-quality design and innovative features for elemental analysis from sub-ppm to percentage of Be to Am, meeting the most demanding process

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