

Handheld Metal Element Spectrometer



Overview

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 alloys, impurities, and more. With dimensions of 245mm * 250mm * 90mm and weighing just 1.5 kg, it's equipped with a high-sensitivity Si-pin/SDD probe, targeting materials like Ag, W, and Ta with. SPECTRO handheld and portable XRF analyzers are rugged, easy-to-use instruments designed for fast, accurate elemental analysis directly at your testing location. They deliver reliable results within seconds—without the need for laboratory testing. Providing results you can trust, our handheld XRF analyzers help you determine. State-of-the-art, real-time spectral performance and with rugged with wireless capabilities; ASD NIR spectrometers and spectroradiometers specialize in field-portable full-range UV/Vis/NIR/SWIR (350 nm - 2500 nm) for material identification and analysis. The small and powerful Epsilon 1 benchtop.



Article Content

Mobile optical emission spectrometer

ferro.lyte® is a mobile spectrometer, optimized for use in metal production, metal processing and metal recycling. It uses the

#dfaic #metallchina #spectrometer #foundrytech # ...

DFAIC Spectrometer is excited to exhibit our cutting-edge metal analysis instruments at this landmark event. ☐☐ What we showcase: Spark OES (PMT) Spark OES (CCD) EDXRF ICP Handheld XRF High ...

Handheld XRF Basics

An X-ray fluorescence spectrometer (XRF) is an instrument used for elemental analysis of a variety of different materials. Some examples include: metal alloys,

Multielement analysis of metals and alloys

Handheld elemental analyzer ELANIK uses Laser-Induced Breakdown Spectrometry (LIBS) method which theoretically allows analysis of all the

Mobile X-ray fluorescence spectrometer

Especially in metal analysis, mobile XRF spectrometers are well known and established over many years. These spectrometers have become indispensable for the rapid sorting of scrap as well as for

Handheld XRF Gun Analyzer | X-ray Fluorescence | X-MET8000 | Hitachi ...

The X-MET8000 range of handheld X-ray fluorescence analyzers delivers the performance needed for rapid alloy grade identification

Portable and Handheld XRF Analyzers | Evident Scientific

Evident handheld XRF analyzers are rugged and portable for fast and accurate elemental analysis where you need it. Explore our complete range here.

Metal Spectrometer | Spectrometer | Portable Metal

Portable Metal Spectrometer is used for inspection, quality control, and alloy identification. Many times this is also called a metal spectrometer and PMI

Portable handheld spectrometers

Our portable handheld spectrometer instruments Handheld and portable spectrometers have the ability to quantify or qualify nearly any element without

High-end Handheld XRF Spectrometer Analyzer

High-end Handheld XRF Spectrometer Analyzer - Smart Metal & Mineral Scanner for Mining, Recycling, Geology | 42-Element Detection | 100% Waterproof | 10

Handheld XRF Analyzers: Comparing the Top Models for 2026 ...

In the scrap metal recycling industry, handheld XRF analyzers have become essential for sorting and grading materials.

AELAB Portable XRF Spectrometer 5000 - Handheld

Discover the AELAB Portable XRF Spectrometer 5000 - a handheld, high-precision analyzer for alloys and precious metals. Fast results, rugged design, and lab

Metal Analysis Using Optical Emission Spectrometry

Optical emission spectrometry supports accurate and fast metal analysis in production and quality control workflows.

Handheld XRF Spectrometers for Elemental Analysis | Bruker

Bruker's portable XRF solutions offer multi-element analysis with off-the-shelf or customized methods to provide actionable results at any stage of the food production process - from the presence of

Handheld/Portable XRF Analyzers for Precise Elemental Analysis

Ideal for applications such as alloy grade identification, elemental composition verification, and multi-material analysis, these handheld XRF analyzers are used across industries including

Handheld/Portable XRF Analyzers for Precise Elemental Analysis

Handheld XRF Analyzers are designed for elemental and chemical analysis of a wide range of materials and rapid identification of metal/nonmetal.

Portable handheld spectrometers

For rapid, on-site elemental analysis, the SciAps X Series handheld XRF analyzers stand out. These devices deliver lab-quality results in seconds, making them

Handheld XRF Analyzer - SPECTRO xSORT XHH04

Offering unparalleled speed and precision, this device can analyze 46 elements across 16 metal matrices in as little as 2 seconds for most elements, and just 7

SPECTRO xSORT Handheld XRF Analyzer for Metal Analysis

The SPECTRO xSORT XHH04 handheld XRF gun is an elemental analyzer that's designed for high-throughput analysis of metals and

Portable Metal Analyzer

The SPECTROPORT portable arc spark spectrometer is ideal for many applications in the metal producing, processing, and recycling industries. Find out more.

portable spectrometer | Belec

For maximum flexibility and precision, Belec offers a comprehensive range of accessories for the portable spectrometer Belec Compact Port HLC and our

Portable Spectrometer for Metal Analysis

Powerful Functions Excellent performance, one-button operation, high detection accuracy (close to laboratory-level analysis level), and intuitive display of alloy

SPECTRO xSORT

THE SPECTRO xSORT HANDHELD X-RAY FLUORESCENCE (XRF) SPECTROMETER furnishes high-throughput, highly reliable elemental testing and spectrochemical analysis of countless metals

56 ELEMENT HANDHELD XRF ANALYZER -

Our 911MPEXRF700 is likely the lowest cost XRF analyzer on the market today. Compare this new XRF, with its 2 Yr warranty to a used XRF analyzer with a

Contact Us

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