

Handheld Flat Steel Elemental 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. lyte® is a mobile spectrometer, optimized for use in metal production, metal processing and metal recycling. In contrast to conventional handheld instruments, ferro. With dimensions of 245mm * 250mm * 90mm and weighing just 1. SPECTROPORT delivers many advantages of SPECTRO's portable OES flagship, SPECTROTEST, in a smaller, lighter package. Rely on our over 50 years of experience in mobile spectrometry. Sturdy trolley offers. Designed for on-site analysis, they deliver rapid and accurate PMI, grade ID, and elemental testing, ideal for scrap yards, foundries, large structures, and remote inspection environments. A high-performance mobile OES delivering precise analysis, grade identification, exceptional flexibility, and. These lightweight, portable analyzers provide accurate and precise non-destructive elemental analysis, virtually anywhere, in just seconds.



Article Content

May 08, 2026

AJR XRF3500 Handheld XRF Spectrometer

The XRF3500 Handheld Alloy Analyzer supplies elemental analysis of myriad materials in widely varying conditions. These energy dispersive X-ray

May 08, 2026

Applications Of Terras XRF Analyzer In The Alloy Field

Handheld XRF spectrometers provide rapid results, often in just a few seconds to a few minutes. This quick turnaround time is ideal for industrial applications where time is of the essence. Operators can

Aug 04, 2025

Elemental Analyzers

Bruker manufactures instruments for elemental analysis from 100% down to the sub-ppb trace level. Easy-to-use solution packages help customers in process and

Feb 25, 2026

Prospector 2 Handheld XRF Spectrometer | Portable

Prospector 2 XRF Handheld Spectrometer The ProSpector 2 Handheld X-Ray Fluorescence Spectrometer is the lightest, fastest, and most accurate handheld

May 06, 2026

Handheld XRF Spectrometers for Elemental Analysis

Handheld/Mobile/Portable XRF Spectrometers Handheld / portable X-ray fluorescent (XRF) analyzers have the capability to non-destructively quantify or qualify nearly

Apr 15, 2026

SPECTRO xSORT XRF Handheld Analyzer for many

Fast on-site elemental analysis: The SPECTRO xSORT handheld XRF is the ideal analyzer for compliance testing and quick screening of non-metallic samples.

Feb 16, 2026

Multielement analysis of metals and alloys

Being a portable handheld device (weight ~ 2 kg), ELANIK combines high analysis sensitivity and the ability to measure ultralight elements (C, Be and others) of

Jun 14, 2026

(PDF) ELEMENTAL COMPOSITION TESTING USING THE X-MET8000 HANDHELD

Kata kunci: handheld XRF, perbandingan unsur logam baja dan aluminium
ABSTRACT ELEMENTAL COMPOSITION TESTING WITH THE X-MET8000 HANDHELD XRF ANALYZER SPECTROMETER

Jan 01, 2026

Portable XRF Metal Analyzer

This rugged 245x250x90mm portable spectrometer delivers fast, precise

Aug 07, 2025

Instruments for optical emission spectrometry (OES)

Optical emission spectrometry with spark excitation, on the other hand, allows a much more precise measurement. However, the precise analysis of these

May 07, 2026

SPECTROSCOUT

Fast and on-site: Elemental analysis of rock, sediment and soil. Element range starting from Na, detection limits for relevant trace elements significantly lower

Aug 17, 2025

Mobile optical emission spectrometer ferro.lyte®

ferro.lyte® is a mobile spectrometer, optimized for use in metal production, metal processing and metal recycling. It uses the principle of optical emission spectrometry (OES) with spark excitation.

Apr 06, 2026

Mobile Optical Emission Spectrometers (OES) | Metal

Designed for on-site analysis, they deliver rapid and accurate PMI, grade ID, and elemental testing, ideal for scrap yards, foundries, large structures, and remote

Jun 17, 2026

Multielement analysis of metals and alloys

Handheld elemental analyzer ELANIK uses Laser-Induced Breakdown Spectrometry (LIBS) method which theoretically allows analysis of all the elements without

Dec 26, 2025

Portable handheld spectrometers

The SciAps PowerHouse X is a portable benchtop XRF spectrometer that offers on-site elemental analysis. Its 80 kV X-ray tube allows for enhanced sensitivity and a

Jun 27, 2025

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

Oct 03, 2025

Handheld XRF Spectrometer-RUISCI-LAB PRODUCTS QUALITY

Handheld XRF Spectrometer The Handheld XRF Spectrometer is a high-performance detection device that utilizes X-ray fluorescence technology, designed for rapid on-site elemental analysis across

Oct 30, 2025

GOYOJO Portable XRF Metal Analyzer

Meet your metal analysis needs anywhere with the JITA19201 Handheld XRF Analyzer. This rugged 245x250x90mm portable spectrometer delivers fast,

Dec 16, 2025

Niton Handheld and Portable Analyzers

For more than 30 years, Thermo Scientific Niton analyzers have been the trusted instruments of choice for field-based, elemental analysis. These lightweight, portable analyzers provide accurate and

Jan 01, 2026

Portable XRF Steel Testing: A Comprehensive Guide

Portable XRF Steel Testing: A Comprehensive Guide In the world of metallurgy, portable XRF steel testing has transformed how professionals analyze metal compositions. This guide

Feb 09, 2026

Elemental Analysis with Handheld XRF Analyzers | Bruker

Elemental analysis with Bruker handheld XRF analyzers enables on-the-spot elemental analysis for high concentrations such as percentage, as well as for trace elemental concentrations such as ppm (parts

Jul 02, 2025

portable spectrometer | Belec

Our Belec Compact Port HLC is your reliable partner for mobile metal analysis. With its robust design and state-of-the-art technology, it delivers accurate results,

Aug 01, 2025

Handheld XRF Spectrometers for Elemental Analysis

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

Dec 18, 2025

Portable XRF Analyzer for Accurate Metal Analysis

Portable XRF analyzers can accurately identify the elemental composition of various alloys (such as stainless steel, brass, bronze, aluminum alloys, copper-nickel alloys) and sort scrap metals (such as

May 22, 2026

Handheld XRF Spectrometer LXRF-B14

Labtron's Handheld XRF Spectrometer LXRF-B14 is designed for fast, accurate elemental analysis across a wide range of materials. It uses

Mar 25, 2026

Hand-held X-ray fluorescence spectrometry

This Technical Brief describes the evolution introduced into a spectrometer is Evolution of hand-held technology of hand-held X-ray fluorescence instrumentation designed for inorganic elemental

Jun 28, 2025

ARUN Technology

ARUN Technology is a global leader in metal analysis, specialising in advanced CMOS detector desktop OES spectrometers and handheld LIBS metal analysers.

Sep 16, 2025

Portable Metal Analyzer

SPECTROPORT delivers many advantages of SPECTRO's portable OES flagship, SPECTROTEST, in a smaller, lighter package. It accurately analyzes elements such as carbon, sulfur, phosphorus, and

Contact Us

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