

Handheld Square 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. When handhelds aren't enough, the amazing new SPECTROPORT portable metal analyzer applies more advanced OES technology — in a unit as easy to use as a handheld analyzer. SPECTROPORT delivers many advantages of SPECTRO's portable OES flagship, SPECTROTEST, in a smaller, lighter package. With dimensions of 245mm * 250mm * 90mm and weighing just 1. The current range of applications for mobile metal analyzers far exceeds the original, yet still. Thermo Scientific Niton instruments utilize X-ray fluorescence spectroscopy (XRF), laser induced breakdown spectroscopy (LIBS), and Thermo Scientific AuDIT gold plating technology to provide rapid and reliable elemental analysis. They are available in handheld and portable forms, depending on the. 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. ferro. lyte® is a mobile spectrometer, optimized for use in metal production, metal processing and metal recycling.



Article Content

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

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

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

SPECTRO xSORT Handheld XRF Analyzer for Metal

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

Mobile Metal Analyzer

For onsite metal analysis, SPECTRO offers a complete range of mobile metal analyzer products, from handheld XRF to portable Arc Spark OES spectrometers.

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 XRF Spectrometer 5000 – Handheld Alloy

The AELAB Portable XRF Spectrometer 5000 is a powerful handheld analyzer tailored for quick, accurate elemental analysis of alloys and precious metals.

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

Handheld LIBS Analysers | Portable Analytical Solutions

Perform elemental analysis in just seconds, not hours. With handheld LIBS analysers, you can conduct rapid, on-the-spot testing without waiting for lab

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.

LIBS, Laser Induced Breakdown Spectroscopy, Thermo

LIBS is an acronym for Laser Induced Breakdown Spectroscopy and is an analytical technique used to determine elemental composition. [Learn more here.](#)

Niton Portable Analyzer Models

Confidently perform elemental analysis, identify various steel grades, and enhance productivity while transforming traditional cart-mounted systems into portable, easy-to-use devices.

Real-Time Elemental Analysis Using a Handheld XRF

An X-ray fluorescence handheld spectrometer (hh-XRF) is adapted for real-time qualitative and quantitative elemental analysis in scanning mode for

XRF Analyzers | XRF Spectrometers | Malvern Panalytical

X-ray Fluorescence (XRF) spectrometers are powerful analytical instruments designed to unveil the elemental composition of various materials.

TITAN Handheld XRF Analyzer | Bruker

TITAN: Power Over the Elements This high-performance handheld X-ray Fluorescence (XRF) gun makes ultra-fast, highly-accurate elemental analysis

RFA-Handspektrometer | 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

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

SPECTROTEST

The SPECTROTEST mobile arc spark spectrometer is ideal for many applications in the metal producing, processing, and recycling industries. [Find out more.](#)

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

Xrf Handheld Spectrometer for Metal/Alloy/Stainless

JX5 Handheld Alloy Analyzer is designed for identifying the reliability of metal material and alloy nameplate. It has the characteristics of small volume, light

Contact Us

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