

Handheld Elemental Spectrometer



Overview

Handheld / portable X-ray fluorescent (XRF) analyzers have the capability to non-destructively quantify or qualify nearly any element from Magnesium to Uranium, depending on the instrument configuration. TITAN provides material identification that you can rely on with. □□ Portable Precision Metal Analysis: Compact yet powerful, Handheld XRF Analyzer delivers accurate metal analysis anytime, anywhere. With dimensions of 245mm * 250mm * 90mm and weighing just 1. They deliver reliable results within seconds—without the need for laboratory testing. Ideal for applications such as alloy grade. 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. The small and powerful Epsilon 1 benchtop. The new SPECTRO xSORT handheld XRF boasts numerous new features and designs aimed at enhancing user speed, ease, and convenience, while also delivering advanced analytical performance. It offers fast laboratory-quality screening results on-site. This cutting-edge analyzer efficiently manages.



Article Content

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.

Handheld X-ray Fluorescence (XRF) Spectroscopy Learning Center

Explore how handheld XRF works and how it is used in various metals, mining, and industrial operations XRF is an analytical technique used by many industries, notably the mining, metals, steel, and

Handheld/Portable XRF Analyzers for Precise Elemental Analysis

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

Analytical Instruments

SPECTRO is a leading supplier of X-ray fluorescence (XRF), ICP-OES/AES, and Arc/Spark-OES instruments for science and industry. SPECTRO'S floor standing, bench top, portable, and handheld

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

RFA-Handspektrometer/Mobile Spektrometer Handgehaltene, tragbare Röntgenfluoreszenz-Analysatoren (RFA-Handgeräte) sind in der Lage, je nach

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

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.

SPECTRO xSORT

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

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.

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.

XRF analyzer / portable

The SPECTRO xSORT family of handheld ED-XRF spectrometers supplies elemental testing and spectrochemical analysis of myriad materials in widely

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, precious and exotic metals, plastic, soil,

Bruker TRACER 5i Handheld XRF Analyzer

The Bruker TRACER 5i XRF is a handheld, portable spectrometer ideal for elemental analysis in the field and in laboratory-like settings. Specifically designed for

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

X-Ray Fluorescence Spectrometer

An x-ray fluorescence spectrometer from Bruker is the elemental analysis instrument of choice for many industry, academic, and regulatory compliance applications in

Handheld XRF Basics

Handheld XRF Basics What is a Handheld XRF spectrometer and how can it help you? Elemental Analysis with a Portable X-ray Fluorescence Spectrometer What

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

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

Moving toward a Handheld "Plasma" Spectrometer for Elemental

A successful “handheld” plasma atomic spectrometer may be achievable with current technology for many applications. For the purpose of this discussion, we will refer to instruments that are battery

Elemental Composition Analysis

When you need elemental composition analysis, you need a reliable, highly accurate analytical tool that is easy to use. Bruker XRF elemental composition analyzers

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

Portable handheld spectrometers

Malvern Panalytical offers a range of portable spectrometers and a portable XRF analyzer alternative to a XRF handheld or XRF gun.

SPECTRO xSORT Handheld XRF Analyzer for

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

Niton Portable Analyzer Models

Lightweight, high-performance handheld XRF analyzer delivering fast, lab-quality elemental analysis across metals, mining, environmental, and more. Obtain fast, accurate elemental analysis for metal

Contact Us

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