Portable Alloy Multi-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. Handheld elemental analyzer ELANIK uses Laser-Induced Breakdown Spectrometry (LIBS) method which theoretically allows analysis of all the elements without complex preparation of the sample, on any material. Being a portable handheld device (weight ~ 2 kg), ELANIK combines high analysis sensitivity. 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. Sturdy trolley offers. ferro. It uses the principle of optical emission spectrometry (OES) with spark excitation. In contrast to conventional handheld instruments, ferro.

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Article Content

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

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

AELAB Portable XRF Spectrometer 5000 – Handheld

The AELAB Portable XRF Spectrometer is a compact and efficient tool designed for analyzing metal alloys and precious metals.

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,

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

Portable XRF Analyzer VR-M7 | Handheld Metal & Alloy

Discover the VR-M7 portable XRF analyzer — a handheld, non-destructive tester for fast, accurate elemental and alloy analysis of metals, precious metals, and

Spectro xSORT XHH04 Handheld XRF Analyzer – Fast

Revolutionize your on-the-spot elemental testing with the Spectro xSORT XHH04, a rugged and high-performance handheld ED-XRF spectrometer built for

Portable Metal Analyzer

It accurately analyzes elements such as carbon, sulfur, phosphorus, and boron. It''s as fast as an XRF, with many analyses taking only a few seconds. And it enables

A450 Handheld Alloy Analyzer Metal Ore Multi Element

The hand-held alloy analyzer (XRF) is an important means of material reliability identification (PMI) in high temperature and high pressure industries such as

AJR XRF3500 Handheld XRF Spectrometer

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AJR NDT: XRF3500 Handheld XRF Analyzer for Alloy Introduction With the development of the technology of X-Ray, the cost of the hardware is going down

Direct Reading Spectrometer for Aluminum Alloy, Cast

Comprehensive analysis for the elements in most metals with the full spectrum detection Based on the CCD detector with the full spectrum detection

Explorer Handheld X-ray Fluorescence Spectrometer

Performance and accuracy of a Desktop X-Ray Fluorescence Spectrometer combined with convenience and portable size factor of a Handheld XRF.

AELAB Portable XRF Spectrometer 5000 – Handheld Alloy

Built for portability, precision, and durability, the XRF 5000 supports simultaneous multi-element detection, wide elemental range, and intelligent auto-calibration for effortless use in industrial, mining,

Handheld XRF Spectrometer, Explorer 5000

Handheld XRF Spectrometer, Explorer 5000 EXPLORER 5000 can make accurate and non-destructive detection in few seconds on a variety of precious metal

Portable Optical Emission Spectrometer | Mobile OES

Mobile Optical Emission Spectrometers for ultimate PMI/NDT metals analysis Spark optical emission spectrometers (OES) excel at providing full chemistry of critical

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

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.

Mobile OES > fast alloy analysis & PMI on site

Portable OES spectrometer On-site analyses in laboratory quality Optical emission spectrometers (OES) – also known as spark spectrometers – provide a complete chemical alloy analysis. They achieve

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