

# Handheld Niobium and Iron 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. The small and powerful Epsilon 1 benchtop. 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. 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.



## Article Content

Handheld LIBS Analyzer, Portable Elemental Analysis | Thermo Fisher ...

The Thermo Scientific™ Niton™ Apollo Handheld LIBS Analyzer delivers fast, accurate, Portable Elemental Analysis. Click here to learn more.

Handheld spectrometers ⇒ rapid analyses on site

Since November 2023, we have been producing the handheld X-ray fluorescence analyzer FEnX-T at our site in Rosbach. The development of our own XRF spectrometer is the result of many years of

Handheld LIBS Analyzer, Portable Elemental Analysis

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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

Portable XRF Metal Analyzer

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

Lightweight handheld NIR spectrometer

Lightweight handheld NIR spectrometer 19 September 2019 | Product by Ian Michael Si-Ware Systems is introducing a handheld material

Handheld NIR spectrometers: Benefits and applications

The miniaturization of a NIR spectrometer does come with some performance impacts: Less sensitivity – smaller sensors can collect less light and hence will

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

Mobile Optical Spectrometer | Spark OES | Hitachi High

Spark mobile optical emission spectrometers (OES) excel at providing full chemistry of critical alloy elements at low detection limits that handheld X-ray and LIBS

Handheld | VIS-NIR-SWIR Spectrometer | BaySpec

Handheld VIS, NIR and SWIR miniature spectrometers - Breeze™ possess maximum sensitivity and ultrafast acquisition, the perfect solution for all on-site

Handheld NIR spectrometers: Benefits and applications

Discover the advantages of handheld NIR spectrometers by Ibsen for fast, real-time, and non-destructive analysis in various industries.

Portable Spectrometer for Metal Analysis

The handheld spectrometer mainly uses XRF technology to quickly and accurately analyze the content of multiple elements in the sample within a few seconds to

Elemental Analysis Using a Handheld X-Ray Fluorescence Spectrometer

Elemental Analysis Using a Handheld X-Ray Fluorescence Spectrometer The U.S. Geological Survey is collecting geologic samples from local stream channels, aquifer materials, and rock outcrops for

Portable XRF Metal Analyzer

This rugged 245x250x90mm portable spectrometer delivers fast, precise elemental identification in the field. The 50kV X-ray tube and high sensitivity Si-PIN diode

Portable handheld spectrometers

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

AURA® handheld NIR | Versatile & portable spectrometer

AURA® handheld NIR is a portable spectrometer system, which enables measurements to be taken directly on site, suitable for a variety of applications.

AURA® handheld NIR | Vielseitig und innovativ

Das AURA® handheld NIR ist ein tragbares Spektrometer-System, das Messungen direkt vor Ort ermöglicht und für eine Vielzahl von

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

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

Niton Portable Analyzer Models

Review the many models of Thermo Scientific Niton portable XRF and LIBS analyzers for elemental identification and metal verification.

## XRF Metal Analyzer

XRF metal testers provide accurate and precise chemical composition of a sample. Handheld spectrometers for metal analysis however can not provide any

### Handheld Spectrometers: Portable Analysis Solutions

Discover handheld spectrometers for rapid, accurate material analysis. Ideal for industrial, lab, and field use. Find top-rated, verified suppliers with AI-powered recommendations. Click to

## Contact Us

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