

## Handheld Cast Iron 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. The current range of applications for mobile metal analyzers far exceeds the original, yet still. The LIS-02 Metal Analyzer is designed for operational input inspection of rolled metal products, determination of steel grades, scrap of non-ferrous and ferrous metals and alloys. The spectrometer provides high speed in determining chemical elements: C, Si, Mn, Cr, Ni, Fe, Mg, Al, V, Cu, Zn, Sn. □□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 1.5 kg, it's equipped with a high-sensitivity Si-pin/SDD probe, targeting materials like Ag, W, and Ta with. 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. Explore a wide range of handheld spectrometers for light measurement and analysis.

## Article Content

### Analysis of Iron and Steel with ARL easySpark Optical Emission Spectrometer

The ARL easySpark is able to determine all the elements necessary in your current and future applications, in all possible qualities of iron and steel: white or grey cast iron, alloyed cast iron, low

### 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.

### Quantitative Analysis of Cast Iron using ZSX Primus III NEXT

The X-ray fluorescence spectrometer ZSX Primus III NEXT can cover all necessary elemental analyses from carbon for various kinds of cast iron and casting sand. This note describes the application of

### 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

### Handheld XRF vs. OES (Spark) Spectrometers for Scrap

Compare handheld XRF and OES (spark) spectrometers for scrap metal sorting, carbon detection, accuracy, cost, and ROI. Expert guide by VRXRF.

### Used Foundry Spectrometers For Metal Analysis | We Buy & Sell

Technologies used in spectrometers include both Arc Spark CCD Detector Technology or photomultiplier tube (PMT). Both methods provide low detection limits and high accuracy.

### Amazon : Spectrometer Handheld

Explore a wide range of handheld spectrometers for light measurement and analysis. Find portable spectrum analyzers for research, LED testing, and more.

### EDXRF analysis of cast iron composition with ARL QUANT"X Spectrometer

Instrumentation The ARL QUANT"X EDXRF Spectrometer is equipped with a 50-W, 50-kV rhodium (Rh) anode X-ray tube, a filter wheel with 9 selectable filter positions, and a state-of-the-art silicon drift

### Sample Preparation for the Perfect OES Carbon Analysis

In this blog post we outline the correct method of sample preparation in order to perform simple and effective OES analysis of carbon in cast iron.

### Foundry | Portable Laser Spectrometers Model

High-precision spectrometer for foundries offering fast and accurate metal composition analysis. Ideal for cast iron, steel, and alloy quality control.

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.

PG SPARK OES CCD METAL ANALYSER FOR

This high quality, affordable and compact OES Spark Spectrometer is perfect for the routine analysis of elemental content in materials such as Iron and Steels,

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 stationary instruments. Whether for mobile

SPECTROTEST

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

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.

Metal Production | Foundry & Melt Analysis | Hitachi High-Tech

This handheld XRF analyzer offers quick, non-destructive analysis with accurate chemistry and grade identification. By combining high-performance detection technology within a rugged, lightweight

Portable Spectrometer / Handheld Spectrometer

Portable spectrometers / handheld spectrometers allow researchers to analyze samples on the go. Perfect for applications like field analysis of samples, identifying raw materials, and forensic analysis,

Portable handheld spectrometers

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

E1999 Standard Test Method for Analysis of Cast Iron by Spark

Scope 1.1 This test method covers the analysis of cast iron by spark atomic emission spectrometry for the following elements in the ranges shown (Note 1): ... Note 1: The ranges of the

Portable XRF Metal Analyzer

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Metal Spectrometer

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Mobile Optical Spectrometer | Spark OES | Hitachi High

Looking for a mobile optical emission spectrometer? View our range offering the highest level of accuracy & precision for C, B, S, P, As and Sn.

Spectrometer for Metal, Alloy Steel, Stainless Steel,

Now at 2021, our portable OES, E series OES come out, since then we as the comprehensive spectrometer manufacturer of desktop OES and portable OES.

Stationary Metal Analyzer SPECTROCHECK

The SPECTROCHECK stationary metal analyzer is designed to meet the performance requirements — and budgets — of small foundries, both ferrous

Oes Spectrometer for Metal, Alloy Steel, Stainless Steel, Metallurgy ...

Oes Spectrometer for Metal, Alloy Steel, Stainless Steel, Metallurgy, Cast Iron, Find Details and Price about Spectrometer Metals Analyzer from Oes Spectrometer for Metal, Alloy Steel, Stainless Steel,

## Contact Us

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