

Slovenia Handheld Metal Spectrometer



Overview

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

Key Takeaways

Several handheld and portable metal spectrometers, including SPECTROPORT, SPECTRO iSORT, Belec Compact Port HLC, and portable XRF analyzers, are available for on-site metal analysis in Slovenia.

SPECTROPORT Portable Metal Analyzer The SPECTROPORT is a portable optical emission spectrometer (OES) that combines the accuracy of lab-grade instruments with handheld convenience. It can analyze elements such as carbon, sulfur, phosphorus, and boron in seconds, offering fast, point-and-shoot operation. The device features predefined calibration packages and the iCAL 2.0 system for stable performance and minimal standardization effort. It also supports automated operation for high sample throughput via a TCP-IP interface, making it suitable for metal production, processing, and recycling industries .

SPECTRO iSORT The SPECTRO iSORT is a battery-powered, handheld spectrometer designed for on-site identification of common metal alloys. It uses arc excitation and does not require argon or radioactive sources. This device is ideal for quick alloy verification and sorting in the field, providing reliable elemental analysis with minimal operator intervention .

Belec Compact Port HLC The Belec Compact Port HLC is a robust, mobile OES spectrometer suitable for both laboratory and field use. It features a heat-stabilized climatic chamber, intuitive touchscreen interface, and can be equipped with three different sparking probes tailored to specific applications. Its design allows a single operator to transport and operate the device efficiently, making it versatile for quality assurance, construction, and scrap yard analysis .

Handheld XRF Analyzers Portable XRF spectrometers, such as the JITA19201, provide fast elemental identification using a 50 kV X-ray tube and high-sensitivity Si-PIN or SDD detectors. These devices are lightweight (around 1.5 kg), feature automated beam switching, Peltier cooling, and onboard data storage for up to 400,000 spectra. They are ideal for fieldwork requiring rapid, non-destructive analysis of metal alloys and impurities .

Suppliers and Availability in Slovenia

Slovenia hosts several companies and distributors that provide handheld and portable metal spectrometers. SPECTRO and Belec devices are represented locally, and companies listed on [environmental-expert.com](https://www.environmental-expert.com) offer sales, support, and service for analytical instruments in the region. These suppliers can assist with device selection, calibration, and training for on-site metal analysis .

Summary

For on-site metal analysis in Slovenia, users can choose between OES-based devices like SPECTROPORT and Belec Compact Port HLC for high-accuracy elemental analysis, or XRF-based handheld analyzers for rapid, non-destructive testing. Local suppliers provide access to these instruments along with technical support, making it feasible to implement portable metal analysis in industrial, recycling, or field applications.

Article Content

metals analysis Companies and Suppliers in Slovenia | ...

The new SPECTRO iSORT is a battery-powered, hand-held spectrometer for on-site identification and analysis of all common metal

Mobile Metal Analyzer

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

Portable handheld spectrometers

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

portable spectrometer | Belec

Whether for mobile analysis on site or for stationary use in the laboratory - our accessories guarantee your metal analysis adapt to

Mobile optical emission spectrometer ferro.lyte®

ferro.lyte® is a mobile spectrometer, optimized for use in metal production, metal processing and metal

Amazon : Spectrometer Handheld

Explore a wide range of handheld spectrometers for light measurement and analysis. Find portable spectrum analyzers for

SPECTRO iSORT Handheld Spectrometer

The new SPECTRO iSORT is a battery-powered, hand-held spectrometer for on-site identification and analysis of all common metal

Handheld XRF Spectrometers for Elemental Analysis | Bruker

Handheld/portable XRF for elemental analysis of fuels, oils and other petrochemicals. Bruker's portable sulfur analyzers are the tool

Mobile Optical Spectrometer | Spark OES | Hitachi High

Our mobile spark OES analyzers come with the world's largest metal database already installed. With

SPECTROTEST

The SPECTROTEST mobile arc spark spectrometer is ideal for many applications in the metal producing,

Multielement analysis of metals and alloys

Argon-free operation without an inert gas and other consumables; Automated metal base selection; Own

Mobile metal analyzers: on-the-spot solutions for incoming and

Metal mistakes and counterfeits are impacting supply chains worldwide. Accepting the wrong alloy at the shipping dock or on the

Portable handheld spectrometers

Our portable handheld spectrometer instruments Handheld and portable spectrometers have the ability to quantify or qualify nearly

High-end Handheld XRF Spectrometer Analyzer

High-end Handheld XRF Spectrometer Analyzer - Smart Metal & Mineral Scanner for Mining, Recycling,

SciAps

SciAps specializes in portable analytical instruments with the power to measure any element. Our industry-leading X-ray

Handheld LIBS Spectrometer for Alloy & Metal Analysis

Handheld LIBS (Laser-Induced Breakdown Spectroscopy) Analyzer Handheld LIBS analyzers represent a

Elemental Analysis

We would like to show you a description here but the site won't allow us.

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

Hand-held XRF Analyzer Fluorescence Spectrometer

Hand-held XRF Analyzer Fluorescence Spectrometer for Ore Sample Metal Analysis:

Used Spectro Spectrometers and Inspection Equipment

Used Spectro Spectrometers and Inspection Equipment Commonly available Spectrometers and Inspection Equipment are found as

Handheld Spectrometer: A Comprehensive Review and Guide for Metal ...

A handheld spectrometer is a portable device that uses X-ray fluorescence for non-destructive elemental analysis, ideal for metal

Hand-held LIBS spectrometer

Rigaku Analytical Devices has introduced the Katana hand-held laser-induced breakdown spectroscopy (LIBS)

Analytical Instruments

SPECTRO is a leading supplier of X-ray fluorescence (XRF), ICP-OES/AES, and Arc/Spark-OES instruments for science and

Elemental Analysis Solutions & Analytical Instruments | SPECTRO

Our technologies include Optical Emission Spectroscopy (Arc/Spark OES), Inductively Coupled Plasma Optical Emission

Handheld LIBS Analyzer LMHLA-A101 | Portable LIBS

Labmate is supplier of Handheld LIBS Analyzer LMHLA-A101 with 1 second detection time, color backlit

Portable Libs Spectrometer Lis-01

A portable LIBS Spectrometer LIS-02 is designed for operational input inspection of rolled metal products,

Metal Spectrometer

Find here Metal Spectrometer, Metal Spectroscopy manufacturers, suppliers & exporters in India. Get contact details &

Amazon : Spectrometer Handheld

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

Metal analysis spectrometer

Find your metal analysis spectrometer easily amongst the 40 products from the leading brands (Thermo Fisher, Malvern Panalytical,

SPECTROTEST

The SPECTROTEST mobile arc spark spectrometer is ideal for many applications in the metal producing,

Multielement analysis of metals and alloys

Argon-free operation without an inert gas and other consumables; Automated metal base selection; Own

Mobile metal analyzers: on-the-spot solutions for incoming and

Metal mistakes and counterfeits are impacting supply chains worldwide. Accepting the wrong alloy at the shipping dock or on the

Portable handheld spectrometers

Our portable handheld spectrometer instruments Handheld and portable spectrometers have the ability to quantify or qualify nearly

High-end Handheld XRF Spectrometer Analyzer

High-end Handheld XRF Spectrometer Analyzer - Smart Metal & Mineral Scanner for Mining, Recycling,

SciAps

SciAps specializes in portable analytical instruments with the power to measure any element. Our industry-leading X-ray

SPECTRO xSORT Handheld XRF Analyzer for Metal Analysis

This innovative handheld XRF gun analyzer quickly handles just about every onsite metal

Portable XRF Spectrometer 5000 – Handheld Alloy & Precious Metal ...

The AELAB Portable XRF Spectrometer 5000 is a powerful handheld analyzer tailored for quick, accurate elemental analysis of

Verichek Technical Services

Verichek Technical Services

Amazon : Spectrometers

Online shopping for Spectrometers - Spectrometry from a great selection at Industrial & Scientific Store.

Handheld LIBS Spectrometer for Alloy & Metal Analysis

Handheld LIBS (Laser-Induced Breakdown Spectroscopy) Analyzer Handheld LIBS analyzers represent a significant advancement in

Elemental Analysis

We would like to show you a description here but the site won't allow us.

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

Hand-held XRF Analyzer Fluorescence Spectrometer for Ore Sample Metal ...

Hand-held XRF Analyzer Fluorescence Spectrometer for Ore Sample Metal Analysis:
Amazon : Industrial &

metals analysis Companies and Suppliers in Slovenia | ...

The new SPECTRO iSORT is a battery-powered, hand-held spectrometer for on-site identification and analysis of all common metal

Mobile Metal Analyzer

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

Portable handheld spectrometers

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

portable spectrometer | Belec

Whether for mobile analysis on site or for stationary use in the laboratory - our accessories guarantee your metal analysis adapt to

Mobile optical emission spectrometer ferro.lyte®

ferro.lyte® is a mobile spectrometer, optimized for use in metal production, metal processing and metal

Amazon : Spectrometer Handheld

Explore a wide range of handheld spectrometers for light measurement and analysis. Find portable spectrum analyzers for

SPECTRO iSORT Handheld Spectrometer

The new SPECTRO iSORT is a battery-powered, hand-held spectrometer for on-site identification and analysis of all common metal

Handheld XRF Spectrometers for Elemental Analysis | Bruker

Handheld/portable XRF for elemental analysis of fuels, oils and other petrochemicals. Bruker's portable sulfur analyzers are the tool

Mobile Optical Spectrometer | Spark OES | Hitachi High

Our mobile spark OES analyzers come with the world's largest metal database already installed. With

metals analysis Companies and Suppliers in Slovenia | ...

The new SPECTRO iSORT is a battery-powered, hand-held spectrometer for on-site identification and analysis of all common metal

Mobile Metal Analyzer

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

Portable handheld spectrometers

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

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

Contact Us

Continue your research online:

Website: <https://jewelbluimages.co.za>

Technical inquiry: <https://jewelbluimages.co.za/contact.html>

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

