

Handheld Heavy Metal Element Composition 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. They deliver reliable results within seconds—without the need for laboratory testing. 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 / 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. Our Belec Compact Port HLC is your reliable partner for mobile metal analysis.

Article Content

Ultra-portable, smartphone-based spectrometer for heavy metal ...

Developed handheld IoT-enabled and standalone spectrometer system for offline heavy metal measurement Specifications of used white light-emitting diode as a source

X-ray Fluorescence Spectrometer Handheld Soil Heavy

Alloy brand identification and metal composition rapid analysis solve the most basic raw material analysis problems of industrialization. The handheld alloy analyzer

Handheld X-ray Fluorescence (XRF) Spectroscopy Learning Center

Your questions answered on how handheld XRF technology is used in industrial operations to determine elemental composition of metals and alloys with non-destructive analysis.

Portable XRF Analyzer for Accurate Metal Analysis

Portable XRF analyzers can accurately identify the elemental composition of various alloys (such as stainless steel, brass, bronze, aluminum alloys, copper-nickel alloys) and sort scrap metals (such as

XRF Analyzer from Bruker | Alloytester

Handheld X-Ray Fluorescence (XRF) analyzers are a practical solution for the rapid elemental analysis of a wide range of materials, such as alloys, ores and precious metals. Handheld XRF provides

Handheld XRF Spectrometers for Elemental Analysis | Bruker

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 production process - from the presence of

Handheld Spectrometer: Portable Analysis Tools

Discover the best handheld spectrometers for field analysis. Explore top-rated tools for metal, pharmaceutical, and food safety testing. Click to find reliable suppliers and expert insights.

Handheld XRF stainless steel/Steel/alloy/precious metal/Gold/silver ...

EXPLORE5000 Hand held XRF Alloy Analyzer Applications The new generation of Explorer XRF portable X-ray fluorescence spectrometer series is mainly used for metal materials reliability

XRF Analyzer from Bruker | Alloytester

Our handheld XRF systems excel at identifying and quantifying a wide range of elements, from heavy metals to light elements, all the way down to Magnesium. Bruker's TITAN can be provided with

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,

Contact Us

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