

Portable Spectrometer Detector



Overview

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, these versatile instruments offer analysis capabilities similar to benchtop. Prepare to explore the top 14 USB pocket spectrometers of 2025, offering portable solutions for precise analysis—discover which one fits your needs best. If you're looking for the top USB pocket spectrometers for on-the-go analysis in 2025, I recommend checking out compact models like the Spectryx. A portable spectrophotometer is a valuable tool for capturing color data on a variety of surfaces on a printing press, in a lab, on a loading dock, or anywhere else your color needs take you. The small and powerful Epsilon 1 benchtop. AURA ® handheld NIR from ZEISS is a powerful portable spectroscopy solution. Measure samples in the field and rely on robust performance and precise results in the widest variety of environments. The fully programmable, modular design fits nicely into most existing optical spectroscopy labs, with a simple command library and trigger modes to.



Article Content

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,

Explosives trace detector

Explosives trace detector Explosive trace detectors (ETD) are explosive detection equipment able to detect explosives of small magnitude. The detection is accomplished by sampling non-visible "trace"

Detective-X-TS

The DETECTIVE-X-TS is a portable, all-inclusive, high resolution gamma spectrometer for in-situ measurements. Large P-Type High Purity Germanium Detector (65 x 50 mm) >40% Relative Efficiency

Food Additives Detector Market Size, Trends, 2026-2033 ...

In March 2025, Thermo Fisher Scientific launched the Thermo Scientific™ NIRQuest™ 512-2.0, a portable near-infrared spectrometer optimized for rapid on-site detection of food additives ...

Portable LIBS Spectrometer LIS-02, Carbon detection spectrometer

Portable LIBS Spectrometer LIS-02, Carbon detection spectrometer 1. Leading the industry with advanced and innovative LIBS spectrometer NPPSD is a globally focused technology company

MOBILE-IR II FT-IR Spectrometer

The MOBILE-IR II is a battery-operated, lab-grade, portable FT-IR spectrometer that can be used wherever you are. Even on the road,

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.

Portable spectrometer

MOBILE-IR II is a portable FT-IR spectrometer with full laboratory performance that you can take anywhere. Even on the road, you never have to sacrifice performance or compromise on reliability or

X-ray fluorescence

Detection A portable XRF analyzer using a silicon drift detector In energy-dispersive analysis, dispersion and detection are a single operation, as already mentioned

Buyer's Guide: Portable Spectrometers | Labcompare

Buyer's Guide: Portable Spectrometers Portable and handheld spectrometers bring detection and identification capabilities off of the bench and

Portable Spectrometer / Handheld Spectrometer

Portable Spectrometer / Handheld Spectrometer Portable spectrometers / handheld spectrometers allow researchers to analyze samples on the go. Perfect for applications like field analysis of samples,

Portable Spectroscopy Course at EAS 2026

Short Course on Portable Spectroscopy Pauline L. and Richard Crocombe will be teaching the short course entitle "Advances in Portable Spectroscopy: Instruments and Applications" at Eastern ...

Molecular Spectroscopy and Chromatography

More than sixty-five years in the creation of precision instrumentation for molecular spectroscopy & liquid chromatography.

SPECTROSCOUT

Light weight and portable elemental analyzer Fast and on-site: Elemental analysis of rock, sediment and soil. Element range starting from Na, detection limits for

Pocket Spectrometers: Compact, Accurate, and Portable

Discover pocket spectrometers for precise, on-the-go analysis. Ideal for labs, industries, and field use. Click to explore top-rated models with Bluetooth, Raman, and AI features.

Portable Spectrometer / Handheld Spectrometer

Find, compare, and request a quote for portable spectrometers across leading suppliers at Labcompare; including access to product citations, related published figures, and first-hand reviews from our

Portable Metal Analyzer

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

14 Best USB Pocket Spectrometers for On-the-Go

Prepare to explore the top 14 USB pocket spectrometers of 2025, offering portable solutions for precise analysis—discover which one fits your

Fastest Growing Trends In The Spectrometer Market Across France ...

Recent technological advancements include high-resolution portable spectrometers, integration of laser and detector technologies, and hybrid systems combining multiple spectroscopic

Terahertz Spectrometers Market Size and Key Trends 2026-2033

CAGR 2026-2033: 19.5% Leading Segments: Portable Spectrometers, Laboratory Spectrometers, Imaging Systems Technology and Innovations: Quantum Cascade Lasers, CMOS

AURA® handheld NIR | Versatile & portable spectrometer

Get reliable, lab-quality results with a portable, complex spectrometer that can even be handled by non-experts and offers low costs and

Portable & Handheld Spectrophotometers | Learn More

A portable spectrophotometer is a compact instrument ideal for measuring color, verifying tolerances, identifying metamerism, and taking pass/fail measurement

USB Spectrometer | Low Price Optical Spectroscopy

The Ossila USB Spectrometer comes with powerful spectroscopy software which makes it quick and easy to control the device and start collecting data. Take

Portable handheld spectrometers

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

Contact Us

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