

Portable RoHS Hazardous Substance Spectrometer



Overview

A RoHS analyzer is a portable XRF device used to test electronic and electrical materials to determine if they contain any of the substances restricted by the EU's RoHS directive. A RoHS specifies maximum levels for the following restricted substances: cadmium (Cd), lead (Pb), mercury (Hg), hexavalent chromium (CrVI), polybrominated biphenyls (PBB), polybrominated diphenyl ethers (PBDE), bis (2-Ethylhexyl) phthalate (DEHP), benzyl butyl phthalate (BBP), dibutyl phthalate. Our range of analyzers for hazardous substance detection are designed to meet current directives such as RoHS, WEEE, ELV, EN71 and halogen-free, and have the flexibility to adapt to new directives as legislation evolves. X-Ray Fluorescence Spectrometers became a necessary tool for quantitative & qualitative testing per RoHS Directive and assuring the safety. High-performance X-ray Tube, Ultra-high Resolution Detector combined with Digital Multi-channel Processing Technology, yielding super-high detection resolution. Indicator lights flash on both sides for safety purposes during measurement, i. X-ray fluorescence offers a fast.



Article Content

Aug 05, 2025

Portable Harmful ElementsRoHS Heavy Metals Test

Portable Harmful ElementsRoHS Heavy Metals Test Handheld Xrf Spectrometer (WEEE), Find Details and Price about Skyray Thermo from

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XRF Spectrometer: A Comprehensive Analysis of

The LISUN EDX-2A XRF Spectrometer exemplifies the integration of advanced technology in elemental analysis and RoHS compliance testing. By

Aug 06, 2025

RoHS compliance and halogen screening with handheld XRF analysis

RoHS compliance screening The European Union's initial Restriction of Hazardous Substances (RoHS) Directive (2002/95/EC) was instituted with the aim of limiting pollution caused by electrical and

Aug 19, 2025

TrueX 600 Handheld XRF ROHS Analyzer

TrueX utilizes anti-slip, abrasion resistance and streamlined

Aug 10, 2025

Handheld XRF Hazardous Substance Spectrometer Portable RoHS

Key attributes type X-Ray Spectrometer Spectral Bandwidth / Wavelength Resolution / place of origin Shaanxi, China wavelength repeatability / brand name Lonn customized support OEM, ODM, OBM

Mar 10, 2026

Skyray Instruments USA Inc-RoHS Hazardous

Equipped with SDD Detector Skyray XRF RoHS Analyzers precisely trace hazardous elements and thanks to built-in HD Camera the operator can ensure accurate

Mar 08, 2026

RoHS Regulation: Challenges in the Measurement of Substances

These substances when present in quantities in excess of the permissible limits are considered hazardous and damaging to the environment and human health. With the introduction of

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NEW XRF ALLOY analyzer X-Ray Spectrometer Hand

The instrument is small, light and portable, providing on-site and in-situ analysis when-ever, where-ever, and what-ever you decide to analyze. High resolution

Feb 28, 2026

XRF Screening for RoHS Compliance | Evident Scientific

XRF screening helps ensure electronics manufacturers meet compliance with global hazardous substance regulations and testing methods, such as the EU RoHS

Jun 22, 2026

RoHS Testing: ElvaX RoHS Spectrometer – Complete Guide

The ElvaX RoHS analyzer is specifically designed to test consumer products for compliance with the RoHS directive. This XRF (X-ray fluorescence) spectrometer employs non

Nov 25, 2025

TrueX 600 Handheld XRF ROHS Analyzer

RoHS detection and analysis Detecting hazardous substances in Electric and electronics industries, electroplating industries, various materials, plastics, wood,

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Analyzers for hazardous substances RoHS screening simplified

This thermal desorption mass spectrometer helps you meet the latest RoHS directive for phthalates by giving you a first-pass screening test for the covered substances in just 10 minutes.

Nov 14, 2025

RoHS X-Ray Fluorescence Analysis (XRF) Screening

Intertek RoHS XRF screening is a cost effective method to determine compliance levels in products and parts.

Mar 24, 2026

Complete guide to RoHS Compliance Testing

What is RoHS testing? RoHS stands for the Restriction on Hazardous Substances. It's a rule made by the European Union (EU) to limit the use of

Nov 20, 2025

Detection methods for hazardous substances in the

Detection methods for hazardous substances in the RoHS directive in the PCB industry By Grace January 1, 2025 1.X-ray fluorescence spectrometry ①

Sep 28, 2025

Hand Held RoHS Testing Machine

Up to 5 software databases can be configured on a single Explorer XRF-including Alloy Analysis, Soil analysis, RoHS and Mineral Analysis .With minimalistic

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What are the types of RoHS test equipment

RoHS is a mandatory standard formulated by EU legislation. Its full name is the restriction of hazardous substances in electronic and electrical

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RoHS X-Ray Fluorescence Analysis (XRF) Screening

If XRF screening indicates that samples do not contain RoHS substances above the legal threshold, there is a substantially reduced need for further testing such as wet chemical analysis, ICP, UV-VIS,

Jan 26, 2026

LONNMETER Handheld XRF Analyzer Portable RoHS Compliance

Xi'an Lonn M& E Equipment Co., Ltd. specializes in precision hazardous substance detection instruments, offering portable XRF analyzers for RoHS compliance. The company leverages

Aug 01, 2025

Vanta Handheld XRF RoHS & Lead Analyzer | Evident

Vanta handheld XRF analyzers provide rapid, accurate elemental analysis when screening for lead (Pb), cadmium (Cd), arsenic (As), mercury (Hg), chromium

Apr 13, 2026

Handheld Chemical Detector, Hazmat ID, Resolve | Agilent

Agilent chemical detectors use SORS handheld Raman technology for explosives, narcotics and hazmat ID. Identify hazardous materials through opaque containers in customs, police, military and hazmat

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Handheld XRF Hazardous Substance Spectrometer Portable RoHS

Handheld XRF Hazardous Substance Spectrometer Portable RoHS Compliance Tester for Electronic Product Toxic Material Detection No reviews yet Shenzhen Zhongce Langyi Intelligent Manufacturing

Apr 08, 2026

Edx1800e Xrf RoHS Testing Machine for RoHS/Wee

EDX1800E X-Ray Fluorescence Spectrometer is specifically designed for RoHS analysis and quality control. Manufacturers seeking compliance with RoHS /

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Buy RoHS Testing Machine & XRF Spectrometer India -

Buy Maxsell's XRF spectrometer & RoHS testing machine in India. RoHS compliance tester for precise material analysis meeting RoHS 1.0 & EN71 standards. Local

Contact Us

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