

RoHS 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. 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. Reliable screening results, coupled with ease of use and durability, ensure. Which ICP-OES optical technology offers superior performance: Echelle or ORCA?

What do you need in an ICP-OES analyzer?

ICP-OES: What Does Multiview Technology Mean?

With the SPECTRO XEPOS, SPECTROCUBE and SPECTRO MIDEX X-ray fluorescence (XRF) spectrometers and the SPECTRO GENESIS, SPECTROGREEN. XRF analyzers are used to determine the elemental makeup of tested materials, making them ideal for screening hazardous materials within electronics. The model uses a detector (Si-PIN semiconductor detector) that does not require liquid nitrogen, thereby achieving lower operation cost and easier maintenance. The elements contained in the sample are determined according to the different elements characteristics of the X.



Article Content

Hot

ROHS-QUANT | XRF Solution | Bruker

ROHS-QUANT is the powerful analytical solution designed specifically for the fast quantitative screening of the five RoHS regulated elements Cr, Hg, Pb, Br and Cd in a variety of polymers from electrical

Nov 01, 2025 Hot

RoHS Analysis with Skyray XRF Spectrometers

X-Ray Fluorescence Spectrometers became a necessary tool for quantitative & qualitative testing per RoHS Directive and assuring the safety of products and

Mar 19, 2026 Hot

RoHS Analysis Method Guidelines

Selection of RoHS analysis method What is RoHS analysis? RoHS analysis is the procedure conducted in conformance to IEC 62321 to evaluate and determine whether a product contains RoHS restricted

Mar 11, 2026 Hot

RoHS Product Lab Testing: A Complete Guide

An essential guide to RoHS lab testing requirements, cost examples, cost-saving strategies, common mistakes, and more.

Feb 18, 2026 Hot

RoHS Compliance Testing | Materials Testing | Element

Ensure RoHS compliance with expert testing for all ten restricted substances. Get certified for EU and EAEU marketsâ€”fast, reliable, and accurate testing.

Dec 17, 2025 Hot

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

Oct 10, 2025 Hot

TrueX 600 Handheld XRF ROHS Analyzer

TrueX utilizes anti-slip, abrasion resistance and streamlined design, which is light and easy to carry. It also integrates the new high speed digital multi-channel

May 26, 2026 Hot

RoHS WEEE Analysis | SPECTRO Analytical Instruments

Discover SPECTRO's advanced spectrometers tailored for precise elemental analysis in RoHS and WEEE applications, ensuring regulatory compliance and

Apr 07, 2026 Hot

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

Jul 14, 2025 Hot

Achieve RoHS Compliance: Uncover Heavy Metals,

NDT XRF Achieve RoHS Compliance: Uncover Heavy Metals, Flame Retardants, and Phthalates with Handheld XRF & FT-IR Spectroscopy Many

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Analytical Instruments

As a leader in the field of metal analysis, SPECTRO'S handheld XRF and portable spectrometers lead the field as elemental and environmental analyzers for applications that range from positive material

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RoHS Testing Equipment

LISUN's Energy Dispersive X-ray Fluorescence Spectroscopy (EDXRF) can do Restriction of Hazardous Substances (RoHS) 1.0 Directive Testing, Elements

Jan 06, 2026 Hot

ROHs Compliance Testing: A Comprehensive Guide to ROHs Lab

Methods commonly used in ROHS lab testing include X-ray fluorescence spectroscopy, atomic absorption spectroscopy, ion chromatography, etc. These methods can accurately detect the content

Apr 04, 2026 Hot

BXR-606 Multi-Language XRF Spectrometer for RoHS

Compliant with ASTM and ISO standards, this instrument ensures accurate, fast,

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RoHS | RTI Laboratories

RoHS Compliance Procedure The essential procedure for those seeking RoHS compliance or registration on their end electronic product is to first identify whether the end product (or part of the

Jun 17, 2026 Hot

RoHS detector, ROHS, spectrometer, XRF, alloy composition analyzer

Bosun instrument is a professional production and sales of RoHS halogen-free analyzer, ROHS detector, alloy composition analyzer service Tel: 0512-66326762

Aug 12, 2025 Hot

RoHS Compliance Testing: A Comprehensive Guide

RoHS stands for Restriction of Hazardous Substances. RoHS compliance testing is a standard procedure used to verify that manufactured products meet compliance requirements aimed at

Jul 07, 2025 Hot

ElvaX RoHS

ElvaX RoHS X-Ray Fluorescence (XRF) Analyzer ElvaX RoHS Analyzer is Specifically Designed to Test Consumer Products for Compliance with the RoHS

Jul 20, 2025 Hot

Exploring X-Ray Spectrophotometers: The Role of

LISUN's RoHS Testing Equipment, based on Energy Dispersive X-Ray Fluorescence (EDXRF) technology, is a state-of-the-art solution designed to meet

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RoHS Analysis with Skyray XRF Spectrometers

RoHS Analysis with Skyray XRF Spectrometers The RoHS directive took effect in 2006 and is strickly enforced in USA and other countries. RoHS directive restricts

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RoHS Substance Measurements in Complex Products

Techniques are given for measuring contamination at soldering stations, identifying SnPb or SAC solder use when the sample contains extraneous material, and tips for containing and securing samples for

Jan 16, 2026 Hot

LANScientific ScopeX CSA 600 Benchtop Energy Dispersive X-Ray ...

LANScientific ScopeX CSA 600 Benchtop Energy Dispersive X-Ray Fluorescence Spectrometer (ED-XRF) for RoHS, ELV and Halogen Screening

Sep 23, 2025 Hot

X-ray fluorescence

A X-ray fluorescence spectrometer with automated sample feed in a cement plant quality control laboratory XRF scanning of the Rembrandt painting Syndics of the

Nov 13, 2025 Hot

ElvaX RoHS

Thanks to a highly sensitive SDD detector, the instrument allows to detect hazardous elements in concentrations ten times lower than the minimum acceptable by the

May 31, 2026 Hot

RoHS X-Ray Fluorescence Analysis (XRF) Screening

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

Oct 03, 2025

Contact Us

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