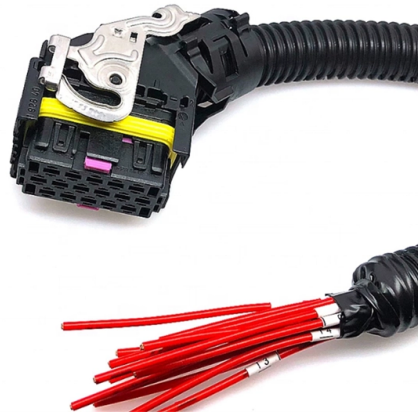


# RoHS Elemental Spectrometer



## Overview

EDXRF is a recognized analysis technique for rapid screening by XRF and quantification of hazardous elements according to RoHS norms. The technique's versatility and speed make it indispensable for industries looking to ensure product safety and comply with RoHS and other similar. 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 and electronic equipment. Developed in cooperation with DSM Resolve, the calibration standards provide the accurate calibration required for the determination of product compliance using X-ray fluorescence. 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. The EDX-2 series energy scattered X-ray fluorescent spectrometer is realized by analyzing the element characteristic X-ray wavelength and strength of the element emitted by the sample. The elements contained in the sample are determined according to the different elements characteristics of the X. The BXR-606 Energy Dispersive X-Ray Fluorescence (EDXRF) Spectrometer from Laizhou Jincheng Industrial Equipment Co. is a high-performance, multi-language enabled solution designed for precise elemental analysis in laboratory environments. The model uses a detector (Si-PIN semiconductor detector) that does not require liquid nitrogen, thereby achieving lower operation cost and easier maintenance.

## Article Content

Application Research of Energy Dispersive X-ray Fluorescence ...

As a professional test instrument manufacturer, LISUN has launched the EDX-2A Energy Dispersive X-ray Fluorescence Spectrometer, which integrates RoHS tester, elemental analysis and

Epsilon 4 Benchtop XRF Analyzer | Malvern Panalytical

Overview Built on the experience and success of the proven Epsilon 3 range of XRF spectrometers, the Epsilon 4 is a multi-functional benchtop XRF analyzer for any

Elemental Analysis

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

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

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

RoHS Testing Equipment

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

Energy Dispersive X-ray Fluorescence Spectroscopy

This page provides a quick overview of 4 models of Energy Dispersive X-ray fluorescence spectrometers. Choose the model that best suits your analysis needs from our EDX-LE for

Analyzers for hazardous substances RoHS screening simplified

HM1000A: Fast and Simple Screening of Phthalates for RoHS 2 Compliance This thermal desorption mass spectrometer helps you meet the latest RoHS directive for phthalates by giving you a first-pass

Energy Dispersive X-ray Spectrometer: Principle, Performance and ...

This paper focuses on the LISUN EDX-2 Series Energy Dispersive X-ray Spectrometers, systematically expounding their detection principle based on the characteristic X-rays of elements,

## EDXRF Innovation & Sustainability Applications:

EDXRF is a recognized analysis technique for rapid screening by XRF and quantification of hazardous elements according to RoHS norms. The technique's

### Elemental Compliance Screening with XRF | Quality Magazine

Certain notorious heavy elements, particularly lead, figure widely in the legislation, so elemental analysis may be the only way of demonstrating compliance. X-ray fluorescence (XRF)

### RoHS Tester RoHS Elemental Analysis

3. RoHS working principle: The important part of the X fluorescence spectrometer used during the RoHS detection is mainly composed of detectors, multi-pulse analysis instruments,

### SPECTRO MIDEX\_RoHS\_Brochure\_int dd

Additional regulations in different regions around the globe list additional substances in various products. SPECTRO MIDEX can analyze the inorganic components like Pb, Hg, Cd, Cr and Br, along with

### Handheld XRF Analyzer – SPECTRO xSORT

Discover the SPECTRO xSORT XHH03, a handheld XRF spectrometer offering rapid, laboratory-quality results on-site. Analyze polymers, plastics, and metals

### SPECTRO MIDEX\_RoHS\_Brochure\_int dd

The SPECTRO MIDEX small-spot spectrometer incorporates the latest developments in ED-XRF detector technology, including exceptionally high resolution and count rate. Along with its ease,

### Advanced Elemental Analysis Solutions | SHIMADZU

EDX-LE is an X-ray fluorescence spectrometer designed specifically for screening elements regulated by RoHS/ELV directives. The model uses a detector (Si-PIN

### RoHS Testing with XRay Fluorescence (XRF) Analyzers

XRF analyzers provide a non-destructive approach to RoHS testing of electronics and other goods. Review Hitachi XRF and used analyzer options for RoHS testing.

### SHIMAZU EDX-7200 RoHS/ELV elemental analysis spectrometer

The SHIMADZU EDX-7200 is the flagship model of the EDX series that pursues high sensitivity, high speed and high accuracy. This model supports new consumer and environmental compliance

### XRF | Energy Dispersive X-Ray Fluorescence

An easy-to-use, smart solution for high-sensitivity elemental analysis, this benchtop ED-XRF spectrometer analyzes major to trace components on most sample

NEW XRF ALLOY analyzer X-Ray Spectrometer Hand

Hazardous substance Analysis, Alloy Grade Analysis, Soil, precious metal or Minerals from Sulfur to Uranium in Liquids, Solids or Powders. Performance

Analysis of plastics and polymers for RoHS/WEE compliance by EDXRF

Conclusion The ARL QUANT'X EDXRF Spectrometer is a high-performing and easy-to-use instrument for the determination of the concentrations of Cr, Cd, Hg, Pb and Br in polymers. A set of polymer

Exploring X-Ray Spectrophotometers: The Role of

X-ray spectrophotometers play a crucial role in material analysis, particularly in the detection and quantification of elemental compositions. These

Complete guide to RoHS Compliance Testing

To make sure your products follow RoHS rules, you need proper testing and documentation. HQTS can help with this.

BXR-606 Multi-Language XRF Spectrometer for RoHS

Suitable for industries requiring RoHS, REACH, and WEEE compliance checks,

RoHS WEEE calibration standards

The RoHS Calibration Standards guarantee a high level of analytical accuracy and precision over a wide concentration range of elemental determination - from low

RoHS Analysis with Skyray XRF Spectrometers

Why use a Skyray XRF Spectrometer for RoHS analysis? rapid analysis - results in seconds non-destructive analysis ppm to 99.99 % concentration range ppm

## Contact Us

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