

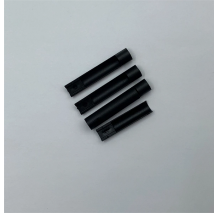
X-ray fluorescence mineral composition spectrometer



Overview

SPECTRO is a world leader in the manufacture of energy dispersive X-ray fluorescence spectrometers. In recent years, SPECTRO has set standards by further developing X-ray fluorescence technology to create many new fields of operation for ED-XRF spectrometers. Energy dispersive X-ray fluorescence technology (ED-XRF) provides one of the simplest, most accurate and most economic analytical methods for the determination of the chemical composition of many types of materials. It is non-destructive and reliable, requires no, or very little, sample preparation and is suitable for solid, liquid and powdered samples. The company offers a complete range of X-ray fluorescence portable spectrometers such as the small handheld XRF, xSORT and the SPECTROSCOUT, a portable spectrometer that brings lab-grade analysis into the field. SPECTRO also brings to market a broad range of benchtop ED-XRF spectrometers for special elemental analysis tasks to multi-purpose laboratories.

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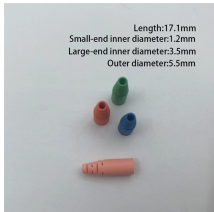
An X-ray fluorescence (XRF) spectrometer is an x-ray instrument used for routine, relatively non-destructive chemical analyses of rocks, minerals, sediments and fluids. It works on ...



Expert XRF spectrometers for elemental composition analysis. X-ray Fluorescence (XRF) spectrometers are powerful analytical instruments designed to unveil the elemental composition of ...



X-ray fluorescence (XRF) spectroscopy is defined as a high-energy analytical technique that provides information about the elemental composition of a sample by analyzing the x-ray radiation emitted ...



X-ray fluorescence (XRF) spectrometry is a well-known, well-established and widely applied technique in the determination of many major elemental compositions of earth materials. ...



Both EDXRF spectrometers come with factory warranties. We offer a standard 1-year warranty on the Lab-X5000 and an extended 3-year warranty on the X ...



In TXRF, the sample is deposited onto a flat substrate, and an X-ray beam is directed onto the sample at a very shallow angle. The emitted fluorescence radiation is then detected and analyzed, providing ...



Wide range of minerals can be analyzed with Skyray X-Ray Fluorescence Spectrometers. Mineral and Mining analysis software includes Fundamental Parameters and large mineral database with NIST ...



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Whether used for environmental monitoring, food safety, mineral analysis, or material science, the XRF spectrometer delivers rapid, reliable, and multi-element detection with minimal sample preparation.



In mineral exploration and mining, fast access to reliable geochemical data helps guide decisions in the field. X-Ray Fluorescence (XRF)-based portable mineral testers, such as the TITAN XRF Gun, ...

Contact Us

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