The Role of a Mineral Metal Spectrometer

Mineral and Mining analysis software includes Fundamental Parameters and large mineral database with NIST samples. Each one of our instruments is calibrated and set up for clients specific ...

A comprehensive guide to mineral analysis spectrometers, detailing their use in geophysics for determining mineral compositions through spectroscopy techniques.

With the improvements to and proliferation of Raman instruments, of many sizes and formats, plus the ongoing population of reference Raman databases for minerals, Raman spectroscopy is increasingly ...

From exploration samples to mineral concentrates, ores to tailings, the Minerals edition delivers superior flexibility, analytical performance and stability in demanding mining environments.

With its ability to handle a wide range of elements, including rare earth elements, ICP-OES plays a crucial role in quality control, process optimization, impurity detection, and ensuring batch-to ...

Rocks and minerals often contain trace elements or impurities that are unique to a specimen or locale, so the ability of the user to build their own on-board library is a valuable asset to these field FTIR ...

Mineral analyzers, such as Raman spectroscopy and XRF, have revolutionized exploration by providing rapid, accurate, and sustainable methods for analyzing minerals. These ...

Earth and planetary sciences require extensive microanalyses to quantify most common major and minor elements O, Na, Mg, Al, Si, K, Ca, Ti, Cr, Mn, Fe and Ni in minerals/rocks.

X-ray Spectrometer: This spectrometer uses X-rays to investigate the composition of materials. X-ray spectroscopy can provide information on the elemental composition of materials, ...

SPECTRO offers a broad range of XRF and OES spectrometers optimized for precise analysis of precious metals, ensuring accuracy and reliability.

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