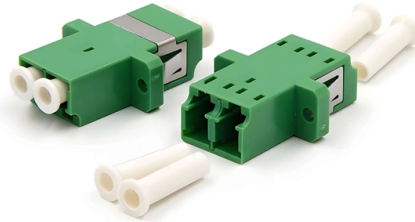


Spectrometer for Argentine Alloys



AI Overview

Mobile and bench-top optical emission spectrometers (OES) are ideal for precise analysis of Argentine alloys, including trace elements and light metals. Mobile Spectrometer Options SPECTROTEST is a mobile arc spark spectrometer designed for on-site metal analysis. It excels in identifying difficult-to-classify materials and handling high sample volumes. The device supports rapid single-sample standardization, automated operation via TCP-IP, and can measure carbon, phosphorus, sulfur, and nitrogen in duplex steels. Its ergonomic design allows fatigue-free operation, and the probe can switch between arc and spark excitation for versatile measurements. ferro.lyte® is another mobile OES spectrometer optimized for alloy analysis in metal production, processing, and recycling. It enables precise detection of low atomic number elements (C, N, S, P, B) in sub-promille concentrations within seconds. The all-in-one design integrates the inert gas holder, supply cable, and test probe, allowing cordless, flexible, and safe operation across challenging environments. Results are displayed directly on the probe, enhancing efficiency for on-site quality control. Bench-Top Spectrometer Option ARL easySpark is a compact bench-top spectrometer suitable for detailed laboratory analysis of alloys, including aluminum and other metals. It features multi-grating CCD optics under controlled argon conditions, providing high precision and stability for critical elements. The system allows rapid, reliable measurements with minimal drift correction, making it suitable for high-accuracy alloy characterization in research or industrial labs. Advanced Spectroscopy Techniques For more specialized applications, Andor modular spectrographs and Laser-Induced Breakdown Spectroscopy (LIBS) can provide non-invasive, high-resolution elemental analysis. These systems are capable of detecting impurities, measuring elemental ratios, and analyzing complex alloy matrices, including metals with organic or composite components. LIBS is particular...

Article Content

Aluminium Testing – Solutions & Requirements for

Metal Power provides customised solutions for analysing master alloys with high concentrations of alloying elements, offering significant cost

Precious Metals Analysis | SPECTRO

For precious metals analysis, such as jewelry or dental alloys, fast and non-destructive XRF spectrometers which require little sample preparation are most

Portable Metal Analyzer

The SPECTROPORT portable arc spark spectrometer is ideal for many applications in the metal producing, processing, and recycling industries. Find out more.

Wide-range calibration for aluminum alloys

This application note demonstrates the performance of the Axios FAST XRF spectrometer for the analysis of Al-Si and Al-Mg alloys. Accurate and fast elemental analysis during the production

Instruments for optical emission spectrometry (OES)

Optical emission spectrometry (OES) for reliable analyses Spark optical emission spectrometry (OES) is the most reliable and established analytical technique to

Optical Emission Spectrometry | Optical Emission

An optical emission spectrometer offers fast and simultaneous elemental analysis of many metals and alloys in metallurgical industries and analysis laboratories.

Analysis of aluminum alloys with ARL iSpark 8860 Plus Optical

Analysis of aluminum alloys with ARL iSpark 8860 Plus Optical Emission Spectrometer Since 1934, our company has set the standard of quality for spectrochemical analysis of metals. Throughout these

SPECTROTEST

The SPECTROTEST mobile arc spark spectrometer is ideal for many applications in the metal producing, processing, and recycling industries. Find out more.

PG SPARK OES CCD METAL ANALYSER FOR

This high quality, affordable and compact OES Spark Spectrometer is perfect for the routine analysis of elemental content in materials such as Iron and Steels,

Used Foundry Spectrometers For Metal Analysis | We Buy & Sell

We are a dealer specializing in second hand optical emission spectrometers (OES) used for base metal analysis of primary metal and secondary metal used in ferrous and non-ferrous foundry and die

Aluminium Testing – Solutions & Requirements for

Optimise your Aluminium testing with Metal Power Analytical's OES solutions. Leading spectrometer in the Aluminium metal industry with ultra-thin

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Full spectrum spark emission spectrometer, ideal for quality control and chemical analysis of alloys.

Elemental Analysis Solutions & Analytical Instruments | SPECTRO

SPECTRO is a global leading supplier of advanced analytical instruments like ICP, Arc Spark OES, and XRF spectrometers for precise elemental analysis of materials.

Instruments for optical emission spectrometry (OES)

Our innovative instruments for optical emission spectrometry (OES) include mobile spectrometers for precise metal analysis wherever needed.

Alloy Analysis with Skyray XRF Spectrometers

Zinc Alloys -galvanized alloys with high Copper content, Brass being the most popular Zinc alloy Precious Metals - alloys based on precious metals Gold (Au),

Metal Analyzer

By turning to the ARL iSpark Metal Analyzer, metallurgical companies can quickly analyze most metals and alloys accurately, and with a

Optical Emission Spectrometry | Optical Emission Spectrometer | Thermo ...

An optical emission spectrometer offers fast and simultaneous elemental analysis of many metals and alloys in metallurgical industries and

Handheld LIBS Spectrometer for Aluminium Alloy

The Fastest Laser Metal Analyzer Fast. Durable. Accurate. Reliable, high-productivity metal grade analysis in only 1 second for most alloys Idea for scrap metals sorting Positive Material ...

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Material analysis

Material report The results of the spectrometer analysis are processed into a materials report. This report is delivered by default along with your first delivery

Analysis of Aluminum and its Alloys

Introduction The SPECTROMAXx enables the accurate analysis of aluminum and its alloys. The instrument takes advantage of modern CMOS/CCD technology combined with the latest generation

SPECTRO Accessories and Parts for Analytical Instruments

Find high-quality accessories and parts for your SPECTROMeter, designed to enhance performance and extend the lifespan of your equipment. Learn more now!

Trace Metal Analysis

Highly accurate results in under 20 seconds (example: low-alloy steels) and analysis of main alloying elements in under 12 sec. (example: iron, aluminum and copper

Portable Libs Spectrometer Lis-01

AREAS OF USE Input/output control of metals, alloys Sorting scrap Spectral analysis in laboratory studies Positive metal identification (PMI Machine) Quality

ARL 4460 OES Metals Analyzer

The Thermo Scientific ARL 4460 combines several advanced technologies with the world's most famous spectrometer optics. It is the market reference regarding accuracy, performance and speed of

METALPOWER 243198 1008i3 Brochure July 24

e Metavision-1008i3 has been designed to deliver high performance at low detection limits while not compromising on economy. Capable of analysing 60+ elements across ferrous and non-ferrous

Contact Us

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