

Eastern European Metal Spectrometer



Overview

Single-optics system equipped with a cutting-edge, high-resolution CCD detector tailored for SMEs. Capable of analysing 30+ elements across bases, including Carbon, Sulphur, and Phosphorus down to 50 ppm and Boron down to 5 ppm, making it ideal for cast iron, steel, and aluminium analysis. lyte® is a mobile spectrometer, optimized for use in metal production, metal processing and metal recycling. In contrast to conventional handheld instruments, ferro. lyte enables the precise analysis of. For over 50 years, Belec has been developing high-precision portable and stationary spark optical emission spectrometers that are used worldwide for metal analysis. Our ISO 9001. Like its predecessors, this tenth-generation SPECTROMAXx (LMX10) furnishes outstanding speed. Users get ultrafast information, and can react rapidly to changing process conditions.



Article Content

Mar 02, 2026

MOSS | Metallurgical Online Spectrometry System

Single-optics system equipped with a cutting-edge, high-resolution CCD detector tailored for SMEs. Capable of analysing 30+ elements across bases, including

Aug 08, 2025

(PDF) A History of European Mass Spectrometry

PDF | On Dec 1, 2013, Jean-François Gal published A History of European Mass Spectrometry | Find, read and cite all the research you need on ResearchGate

May 23, 2026

Spektralanalyse mit optischen Emissionsspektrometern

Belec entwickelt hochwertige Emissionsspektrometer für die Spektralanalyse. Unsere Spektrometer ermitteln die chemische Zusammensetzung Ihrer Metalle.

Mar 11, 2026

M6 Optical Emission Spectrometers | Metal Scientific

M6 Optical Emission Spectrometer is the most advanced Arc/Spark-OES with Ultimate Performance for Metal Analysis. It uses full-digital technology to replace bulky photomultiplier tube (PMT) simulation

Jan 17, 2026

OES | Mechanical Testing | Metallography Testing

Optical Emission Spectrometer Our SPECTROMAXx OES, the most successful and popular Stationary OES from Ametek, Germany with its extended

Jan 17, 2026

Instruct Centres

University of Eastern Finland University of Eastern Finland Infrastructure for Native Mass Spectrometry Finnish Infrastructure for Integrative Structural Biology (FINStruct) is formed by three centers of

Jan 07, 2026

Spuren-Metallanalyse

Das SPECTROLAB S Funkenspektrometer bietet schnellstmögliche Messungen, niedrigste Nachweisgrenzen, höchste Verfügbarkeit und

Aug 11, 2025

Gamma ray spectrometry for recognition of hydrothermal

Gamma ray spectrometry for recognition of hydrothermal alteration zones related to a low sulfidation epithermal gold mineralization (eastern Pontides, NE Türkiye)

May 08, 2026

Spectro Germany

An elemental analyzer designed for demanding applications – the SPECTRO XEPOS energy dispersive X-ray fluorescence (ED-XRF) spectrometer redefines

Sep 19, 2025

MetroBeta: Beta Spectrometry with Metallic Magnetic ...

MetroBeta is a European project aiming at the improvement of the knowledge of the shapes of beta spectra, both in terms of theoretical calculations and measurements. It is part of a

Sep 28, 2025

The Best (and very good) Eastern European Metal Bands

The Best (and very good) Eastern European Metal Bands A list by R7R7MetaleR669 Categories: Artist, Best Of, Music Genres | +25 Including Russia Don't including Baltic Countries (Estonia,

Feb 16, 2026

Eastern European Metal

Eastern European Metal !!!!. Author: headovmetal. My favorite metal bands from countries in Eastern Europe, or thereabouts... If you have suggestions, please recommend others to me!

Sep 27, 2025

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.

Mar 05, 2026

Choosing the Right EPR Spectrometer in Europe: A

Electron Paramagnetic Resonance (EPR) spectroscopy plays a central role in analyzing materials with unpaired electrons—ranging from transition metal

Oct 12, 2025

Mobile optical emission spectrometer ferro.lyte®

ferro.lyte® is a mobile spectrometer, optimized for use in metal production, metal processing and metal recycling. It uses the principle of optical emission spectrometry (OES) with spark excitation.

Jan 26, 2026

Trace Metal Analysis

SPECTROLAB S is designed to supply the fastest possible measurements; greatest throughput; lowest limits of detection; longest uptime; and most future-proof

Jul 18, 2025

SPECTROMAXx Metal Analyzer | SPECTRO Analytical Instruments

The SPECTROMAXx arc/spark OES metal analyzer independently monitors all operating parameters. It dynamically determines the measurement time required based on the given sample properties and

Apr 27, 2026

Optical Emission Spectrometers Product Range

The unrivaled reputation of the Thermo Scientific optical emission spectrometers is based on our extremely large installed base of OES spectrometers and their key attributes: accuracy, performance,

Oct 06, 2025

Beta spectrometry with metallic magnetic calorimeters in the

Beta spectrometry using metallic magnetic calorimeters was developed in the European Metrology Research Project MetroBeta.

Feb 01, 2026

Mobile Metal Analyzer

As a global leader in this area, SPECTRO offers a complete range of metal analyzer products – from handheld XRF to arc spark OES spectrometers – for the many different tasks in onsite metal analysis.

Sep 10, 2025

Optical Emission Spectrometry

Our ARL iSpark Plus series of OES spectrometers are designed to enable high-performance analysis of pure and ultra-pure metals. OES analysis of precious metals offers several advantages compared to

Jul 30, 2025

Thermo Scientific ARL easySpark OES

The ARL easySpark provides the enhanced benefits needed for the determination of all elements in all types of metals, such as iron and steel, aluminum and its alloys, bronze, brass and more.

Mar 25, 2026

spectral analysis with optical emission spectrometers

For over 50 years, Belec has been developing high-precision portable and stationary spark optical emission spectrometers that are used worldwide for metal analysis.

Aug 13, 2025

Mössbauer spectroscopy—an indispensable tool in solid

Mössbauer spectroscopy with a miniaturised portable spectrometer Efforts to miniaturise Mössbauer instrumentation, which were started by Egbert Kankeleit in

May 25, 2026

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Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

Apr 23, 2026

Analysis of Iron and Steel with ARL easySpark Optical Emission

The ARL easySpark is able to determine all the elements necessary in your current and future applications, in all possible qualities of iron and steel: white or grey cast iron, alloyed cast iron, low

Sep 02, 2025

European Journal of Mass Spectrometry: Sage Journals

EJMS - European Journal of Mass Spectrometry, is a peer-reviewed journal, devoted to the publication of innovative research in mass spectrometry.

Nov 04, 2025

Elemental Analysis Solutions & Analytical Instruments | SPECTRO

SPECTRO is a preferred manufacturer in many industries, such as metals, chemicals, petrochemicals, environmental, pharmaceuticals, geology, food and more. Our analytical solutions help achieve

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