

Recommended Sino-European Foundry Spectrometer



Overview

The SPECTROLAB as well as the SPECTROMAXx can be employed depending on the specialization, the number of casting processes and the semi-finished and finished products being produced. The SPECTROCHECK is generally used by small companies. Introduction: Strategic OES selection delivers sub-30-second melt analysis, optimizing a 10-year TCO by balancing 25% capital against 75% operational costs. The global iron and steel casting industry faces unprecedented demands for precise chemical composition control and energy efficiency. Compared to classical sampling moulds the filling conditions for Heraeus Electro-Nite samplers are always the same. By minimising correction time and maximising throughput, a spectrometer for Steel testing ensures production accuracy while saving. Small footprint system for improved laboratory performance and maximum cost-effectiveness The FoundryLab is the fully-automatic solution for the challenges in quality assessment of foundries. The cost-effective system has a small footprint, significantly increases laboratory throughput and relieves.



Article Content

Apr 07, 2026

Products

We deal in Foundry Products like Sand Testing Equipments, Thermal Analysis systems, Exothermic Sleeves, Spectrometer & Metallurgical Microscope

Mar 20, 2026

Spectrometers for Steel Testing in Steel Industry Plants

The Metavision range of OES offers a complete solution for steel testing, including top-end models for primary OES spectrometer solutions in large

Mar 10, 2026

Case Study: Otto Junker, OE750 for foundry process

In this case study, we outline how Otto Junker GmbH used to OE750 spark spectrometer from Hitachi High Tech to help improve their foundry process

Jan 01, 2026

Ultimate quality control. No compromise.

The FOUNDRY-MASTER Pro2 optical emission spectrometer is a metals analyser engineered to deliver superior analysis at every stage, without compromising your productivity. Thanks to its near constant

Jul 07, 2025

Analyses for Secondary Producers and Foundries

Trace analysis of industrial waste water and liquids from production processes, e.g., of electrolyte and coating baths, is a typical application for the ICP spectrometers, such as the SPECTRO ARCOS or

Jan 26, 2026

Flexible Optical Input Direct Reading Optical Emission Spectrometer

At 2018, our Expert-1 handheld LIBS analyzer under the technology of laser induced breakdown spectroscopy (LIBS) launch on the market, our technology development is always so solid.

Dec 31, 2025

2026 Foundry Guide: Selecting Optical Emission Spectrometers

Optical Emission Spectrometry (OES) serves as the primary analytical technology for foundry process control. By delivering multi-elemental analysis in under thirty seconds, OES enables...

Sep 25, 2025

Sampling For Foundry Melting Solutions

Our range of samplers for steel has been adapted to foundry requirements. Most common is the SaF sampler (sampler for foundries), showing a perfect structure for the analyzing spectrometer.

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Products

It is a microprocessor based carbon silicon analyzer series designed for molten cast iron analysis. It is specially engineered to suit the foundry environment.

Mar 17, 2026

Foundry | Spectrocheck | Foundry Spectrometer for Metal Analysis ...

High-precision spectrometer for foundries offering fast and accurate metal composition analysis. Ideal for cast iron, steel, and alloy quality control

Mar 09, 2026

Spectro Analytical Foundry Spectrometers | We Buy & Sell

Spectro Analytical Spectrometers for Sale | We Buy Spectro Analytical Spectrometers We Buy, Sell, Appraise and are a Supplier of used Spectro Analytical optical emission spectrometers (OES) for

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FOUNDRY-MASTER COMPACT

MASTER COMPACT is a high performance bench-top optical emission spectrometer for process-control and the chemical analysis of metals. The compact design allows you to remain as close to the

Sep 25, 2025

Iron Foundry in China

Spectrometer in Dandong Foundry Spectrometer can quickly inspect the chemical components for grey iron and ductile iron, including the composition of C, Si, Mn,

Apr 05, 2026

2026 Foundry Guide: Selecting Optical Emission Spectrometers for

Selecting an Optical Emission Spectrometer fundamentally shapes a foundry quality architecture. OES remains the undisputed technology for delivering rapid, multi-elemental analysis

Jun 07, 2026

Analyses for Secondary Producers and Foundries

Secondary Producers Production processes in steel and non-ferrous foundries are frequently controlled and monitored with stationary metal analyzers. The SPECTROLAB as well as the SPECTROMAXx

Nov 08, 2025

Analyses for Secondary Producers and Foundries

SPECTRO provides a range of metal analyzers, offering tailored solutions for secondary producers and foundries to ensure accurate and efficient metal analysis.

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Herzog: Product Details Herzog – Technical Machine Info

The FoundryLab is the fully-automatic solution for the challenges in quality assessment of foundries. The cost-effective system has a small footprint,

Aug 28, 2025

FOUNDRY-MASTER Smart 2 | Optical Emission Spectrometer

The FOUNDRY-MASTER Smart 2 delivers lab-grade precision for ferrous and non-ferrous metal analysis in a compact, durable format without the complexity or cost of high-end systems.

Jul 09, 2025

Spectrochemical Analysis | Metal Casting Resources

Spectrochemical analysis is used to determine the arrangement of atoms and electrons within molecules of chemical compounds. Optical emission

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FOUNDRY-MASTER Smart

Metals analysis on your desktop The FOUNDRY-MASTER Smart is the ideal solution for the metal production and processing industry, providing cost-effective, reliable analysis. This new generation

Feb 27, 2026

Spectrometers

Spectrometers are used to evaluate metals to determine the chemical composition with high accuracy. One of the more common spectrometers used in the metal

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FOUNDRY-MASTER Smart Optical Emission

The FOUNDRY-MASTER Smart is the ideal solution for the metal production and processing industry, providing cost-effective, reliable analysis. These new

Aug 04, 2025

Procurement Guide: Mobile Optical Emission Spectrometers for Foundry ...

When sourcing a mobile optical emission spectrometer for foundry applications, procurement managers must prioritize precise technical specifications to ensure operational

Jun 13, 2026

Laboratory metals analyser

The FOUNDRY-MASTER Pro is the ideal solution for metal producing and processing industries who are looking for wide wavelength range precise elements identification. This optical emission

Aug 24, 2025

Iron Foundry in China

Grey Iron, Ductile Iron and Steel Castings from Dandong Foundry in China. This is our Spectrometer.

Oct 17, 2025

The European Foundry Association

The European Foundry Industry in 2023 The Economy and the Casting Customer Industries The Macro-economic Situation at the end of the year 2023 slowed amidst various pressures. The energy and

Nov 09, 2025

Stainless Foundry

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