

# American Foundry Spectrometer



## Overview

Engineered for high performance and reliability, the new FOUNDRY-MASTER PRO, with its innovative optical system and extended wavelength range, assures precise identification and trace analysis of important elements such as N in steel and P in aluminium. 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. - Highly accurate results in under 20 seconds. Login Login Register Remember me Login Forgot Password?

Upload Profile ImageJPG, PNG, or GIF. Uncompromised analytical performance and. Helping manufacturing industries turn high-precision analytical instruments into digitalized assets driving Lumada-based digital services – Engineered for value, ease of use, and long-term reliability while maintaining trusted performance – New scientific CMOS sensor and ultra-stable spark source. The FOUNDRY-MASTER Smart from Hitachi High-Tech America, Inc. is a Spectrometer with Wavelength Range 172 to 420 nm. Get product specifications, Download the Datasheet.



## Article Content

### FOUNDRY-MASTER PRO

Engineered for high performance and reliability, the new FOUNDRY-MASTER PRO, with its innovative optical system and extended wavelength range, assures precise identification and trace analysis of

### FOUNDRY-MASTER COMPACT

The FOUNDRY-MASTER COMPACT is the ideal cost-effective solution for a range of analytical applications where good repeatability and high levels of accuracy are required.

### Entry-Level Laboratory Spectrometer

The instrument is based on optical emission spectroscopy (OES), the analyzing method favored by most foundries. The newly developed, fully digital source (spark generator) is controlled via the external

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

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, significantly increases laboratory throughput and relieves

### FOUNDRY-MASTER Smart

FOUNDRY-MASTER Smart - Spectrometer from Hitachi High-Tech America, Inc.. Get product specifications, Download the Datasheet, Request a Quote and get pricing for FOUNDRY-MASTER

AFS Announces Second America Makes IMPACT Project

SCHAUMBURG, Ill - AFS is happy to announce partnership in a second project that is part of the America Makes IMPACT (Improvements in Manufacturing Productivity via Additive Capabilities

### Entry-Level Laboratory Spectrometer

OXFORD INSTRUMENTS describes its Foundry-Master Xline as “a reliable entry-level laboratory spectrometer for the qualitative and quantitative element analysis

Foundry spectrometer

Find your foundry spectrometer easily amongst the 8 products from the leading brands (Hitachi, SPECTRO, Belec, ...) on DirectIndustry, the industry specialist for your professional purchases.

#### FOUNDRY-MASTER Smart 2 | Optical Emission Spectrometer

At the core of the FOUNDRY-MASTER Smart 2 is our CMOS sensor, paired with an ultra-stable spark source - a proven combination that delivers tighter detection limits, greater stability, and

#### FOUNDRY-MASTER Smart Optical Emission Spectrometer

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

#### SPECTROMAXx\_LMX09\_FoundryBrochure dd

One analytical instrument delivers all that for foundries worldwide. Its record reliability has helped make SPECTROMAXx perhaps the industry's best-selling arc/spark optical emission spectrometry (OES)

#### 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

#### SPECTROMAXx\_LMX10\_FoundryBrochure dd

Foundries demand fast, accurate elemental analysis of metals — from incoming materials to in-process testing to final quality inspection. Iron, nonferrous, and processing or casting operations alike require

#### Spectrometer is Cornerstone of Quality

According to Singer, this spectrometer is the new cornerstone of Acra Cast's quality program, enabling it to stop relying on vendors and perform in-house alloy

#### Hitachi High-Tech launches FOUNDRY-MASTER Smart 2, enhancing ...

Compact stationary OES instruments are designed to fit seamlessly into the onsite laboratories of foundries, manufacturing sites and recycling sites, enabling rapid and reliable metal

## Contact Us

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