FOUNDRY-MASTER PRO2



Ultimate quality control. No compromise.



Superior metals analysis without compromise ___

Seamless quality control is essential throughout the metals industry, from trace element analysis in scrap metal, to incoming materials inspection, melt process control and goods issue.

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 availability and high resolution dynamic detector you can get detailed results quicker, minimising production downtime and costly errors.

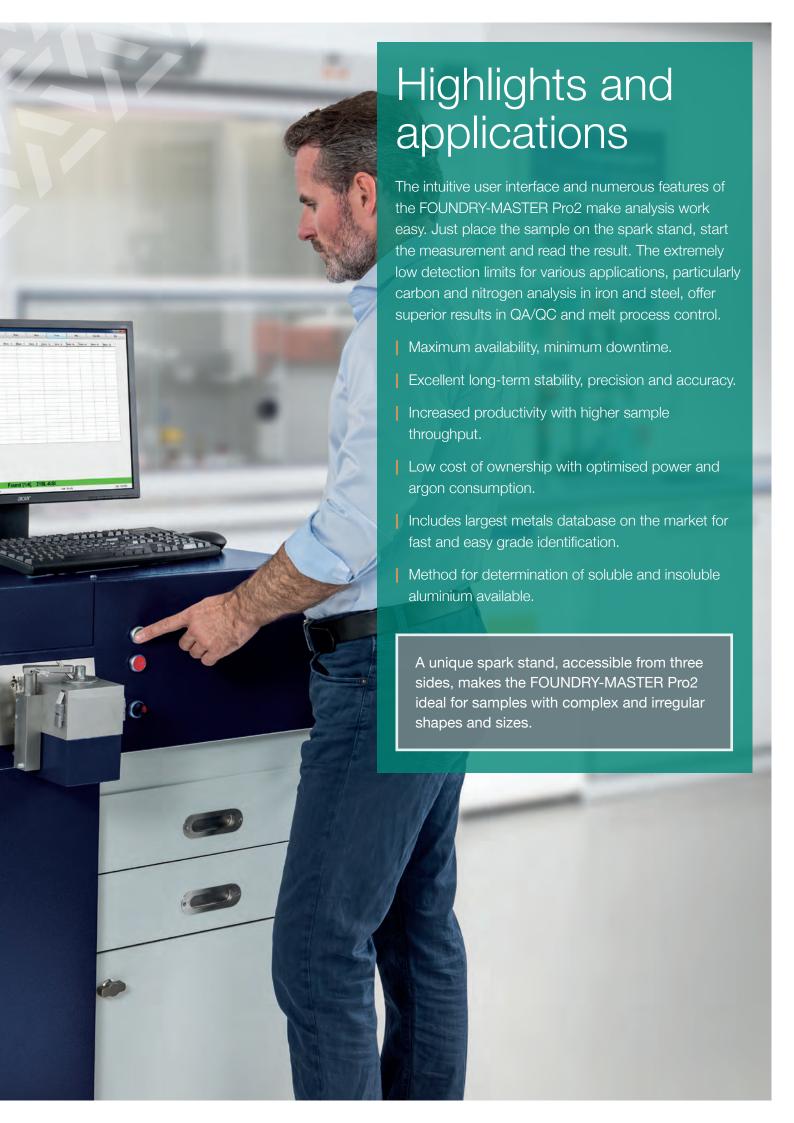
A cost effective choice, the FOUNDRY-MASTER Pro2 minimises argon consumption and keeps down operating costs.

This unique combination of performance and efficiency makes FOUNDRY-MASTER Pro2 the analysis instrument of choice for the metals industry.

Technical Specifications

Height / width / depth	1140 mm	730 mm	850 mm
Weight	180 kg		
Power	90 – 250 V AC, 50 / 60 Hz		
Consumption max.	1000 W		
Operating / standby	50 W (100 W source on)		
Optical System			
Rowland circle	Paschen-Runge mounting		
High resolution Multi-CCD	Optimised pixel resolution		
Wavelength range	130 – 780 nm		
Focus	350 mm		
Solid state source			
	Computer controlled parameters, DSP 160 MHz 16 bit		
Frequency	80 – 500 Hz		
Voltage	250 – 500 V		
	High Energy Pre Spark (HEPS)		
Readout system			
Extenal PC workstation	Microsoft® Windows® user interface		
Options			
Adapters		Sample preparation	n devices
Spare parts kit		Consumables kit	







Grade database included

The largest metals database on the market for fast and easy grade identification is already installed on the FOUNDRY-MASTER Pro2.

The Hitachi GRADE Database offers more than 12 million records for over 339,000 materials from 69 countries and standards. You can update your instrument's grade database with a few clicks – no time consuming research in norms and grade catalogues.

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Part number: 63*120/1117







