FOUNDRY-MASTER PRO2



Laboratory metal analyzer



Accurate, precise metals identification

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 analyzer 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, minimizing production downtime and costly errors.

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



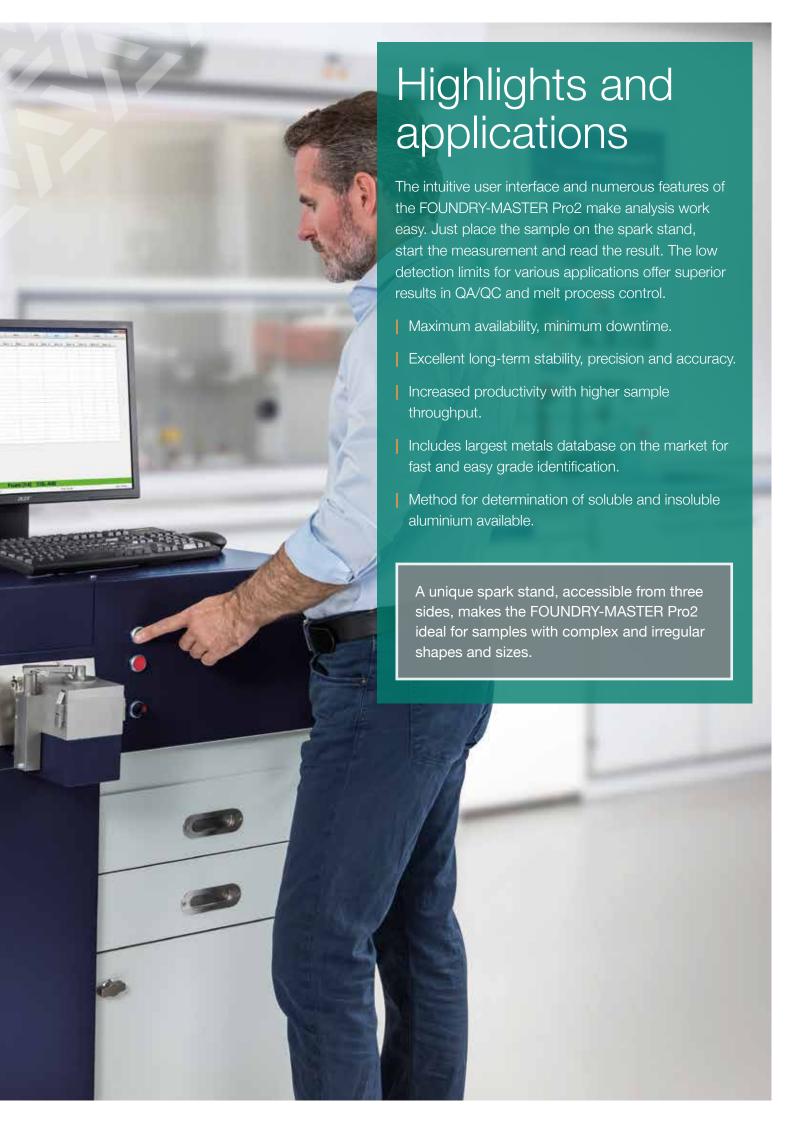
Technical Specifications

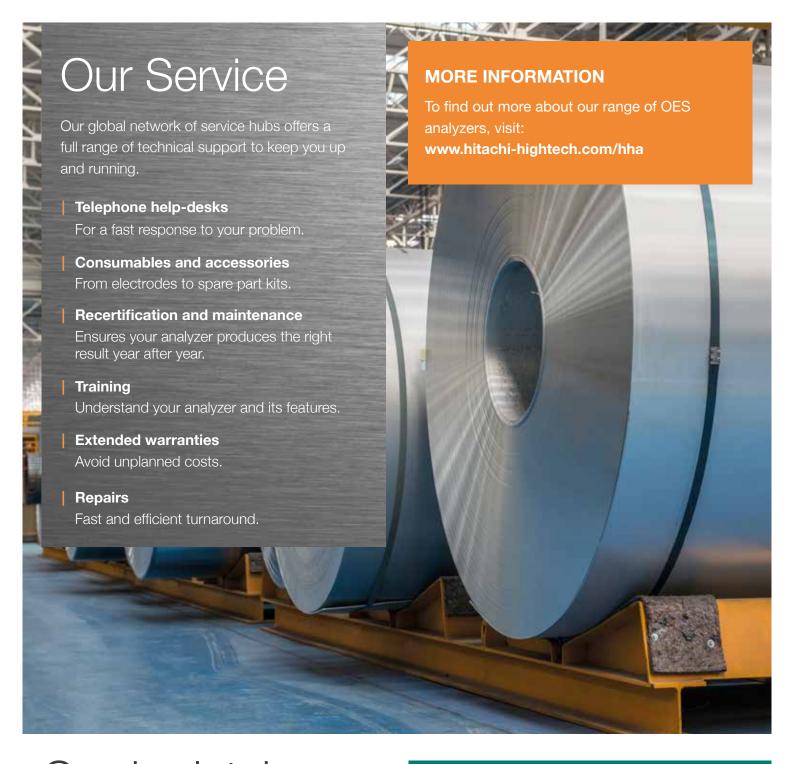
Spare parts kit

Height / width / depth	1110 mm / 15 in	730 mm / 29 in	850 mm / 33 in
		730111117 29 111	000 111111 / 00 111
Weight	180 kg / 397 lb		
Power	90 – 250 V AC, 50 / 60 Hz		
Consumption max.	1000 W		
Operating mode / standby	700 W / 50 W (100 W source on)		
Optical system	_		
Rowland circle	Paschen-Runge mounting		
High resolution Multi-CMOS	Optimized 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			
External PC workstation	Microsoft [®] Windows [®] user interface		
Options			
Adapters	Sample preparation devices		

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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