

Technical specifications

FOUNDRY-MASTER Smart 2

Dimensions

Height	280 mm (11.0")
Width:	415 mm (16.3")
Depth:	665 mm (26.2")
Weight:	38 kg (83 lbs)

Electrical System

Input Voltage	100-240 VAC +/- 10%, 50-60 Hz
Fusing:	2 x 6.3 A slow, 5 x 20 mm
Power Consumption max:	575 W
Power Consumption idle (without PC)	30 W

Optical System

Type	Flatfield Multi-CMOS Optics
Wavelength	172-420 nm (up to 671 nm for Cu, Na, Li)
Reciprocal Dispersion	1742/mm
Focal Length	300 mm
Grating Type	Holographic

Solid state source

Type	Computer controlled parameters
Frequency	80 - 1000 Hz
Voltage	250 - 500 V
Prespark	High energy pre spark (HEPS)



Typical Applications

- Analytical mode / Identification
- Metals and alloys: Fe, Al, Cu, Ni, Ti, Mg, Co, Sn (incl. Solders), Zn (incl. Galvalume), Pb
- Includes alloys, such as cast iron, bronze, brass, Cu-Ni, Hastelloy, Inconel, monel and more
- Grade Database included

Options

- Wire and Tube adapter Set
- Spare parts Kit
- Consumables kit
- Notebook

Min. PC System requirements

Microsoft® Windows™ (current or specified version), Intel® Pentium® 4 or AMD Athlon™ 64 or higher, ≥ 8 GB RAM, ≥ 100 MB free disk space, minimum display resolution 1024 × 768, 1 × USB 2.0, mouse and keyboard.