

FOUNDRY-MASTER Xpert

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- Height: 380 mm (15.0").
- Width: 740 mm (29.1").
- Depth: 880 mm (31.5").
- Weight: 100 kg (187 lbs).
- Power: 90-250 V AC, 50 / 60 Hz. Operating Mode 600 W. Stand by Mode 70 W.

Optical system:

Multi-CCD optics in Paschen-Runge mounting and optimised pixel resolution.

- Reciprocal dispersion: 4.6 nm/mm (1st order).
- Focal length: 350 and 125 mm.
- Holographic grating: 3000 and 1500 grooves/mm.
- Wavelength: 130 - 780 nm.

Solid State Source:

- Computer controlled parameters.
- Frequency: 80 - 500 Hz.
- Voltage: 250 - 500 V.
- High energy pre spark (HEPS).

Readout system:

- External PC-Workstation incorporating up-to-date technology with Microsoft® Windows® user interface.

Options:

- Wire adapter set.
- Sample preparation devices.
- Spare parts kit.
- Consumables kit.
- All-In-One computer system with wireless desktop.



Typical applications:

- Analytical mode / identification.
- Majority of metals and their alloys.
- Fe: alloys, cast iron alloys.
- Al: alloys, cast alloys, ...
- Cu: bronze, brass, Cu-Ni, ...
- Ni: hasteloy ~inconel ~ monel, ...
- Ti: Ti pure, Ti.6-4 ~ Ti.8-Mn.
- Mg-, Zn alloys, solders and more ...



Wire adapter set