

FOUNDRY-MASTER Optimum

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- Height: 280 mm (11.0").
- Width: 415 mm (16,3").
- Depth: 665 mm (26.2").
- Weight: 35 kg (77 lbs).
- Power: 90-250 V AC, 50 / 60 Hz. Operating Mode 700 W. Stand by Mode 50 W (100 W Source on)

Optical system:

Flat field Multi-CCD optics.

- Reciprocal dispersion: 1,75 nm/mm (1st order).
- Focal length: 300 mm.
- Holographic grating: 1774 grooves/mm.
- Wavelength: 172 - 420 nm.
- Peak coverage: up to 671 nm (for Cu, Na, Li).

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-,Co-, Sn-, Zn alloys, solders and more ...



Wire adapter set