

OE750

Options:

- Adapters
- Spert parts kit
- Consumable kit
- Sample preparation device
- Floor stand

⚡ Power supply: 115 - 230V AC 50/60 Hz
Power consumption max: 430 W
Standby mode 45 W (50 W source on)

Wire adapter set



Desktop version
⚖ 88 kg (194 lbs)



Optical system

- Multi-CMOS optics in Paschen-Runge mounting and optimised pixel resolution
- Focal length: 400 mm
- Wave length: 120 - 780 nm
- Peak position alignment

Typical applications

- Quality control for process and melt verification: analysis mode / grade identification
- All relevant alloying, residual, treatment, trace and tramp elements with low limits of detection
- Fe: Alloys, cast iron alloys incl. N down to 10 ppm
- Al: Alloys, cast alloys, wrought alloys,...
- Cu: Bronze, Brass, Cu-Ni, ...
- Ni: hasteloy ~inconel ~ monel, incl. N down to 20 ppm
- Ti: Ti pure, Ti.6-4 ~ Ti.8-Mn, including the possibility to determin gases such as H,O and N
- Mg, Co, Pb, Sn, Zn alloys, solders and more

Readout system

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

Solid state source

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

Argon supply

- Argon quality: min 4.8 (=99.998 % Ar)
- Argon quality: 5.0, if analysis of gases is required
- Input pressure: 3 bar

Environmental data

- Temperature range
 - Storage: -10° to +60°C
 - In operation: 0° to +40°C
- Humidity range: 10 - 90 % (non-condensing)



Visit www.hitachi-hightech.com/hha for more information.



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