

# OE SERIES

## Models

OE750 / OE720

## Options

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

Wire adapter set



## Optical system

- LightWing technology: Multi-CMOS optics in Paschen-Runge mounting and optimized pixel resolution
- Focal length: 400 mm
- Wave length: OE720: 174 - 670\* nm / OE750: 119 - 670\* nm (\*766 nm on request)
- Peak position alignment

## Argon supply

- Argon quality: min 4.8 (=99.998 % Ar)  
5.0, if analysis of gases is required **(OE750 only)**
- Input pressure: 3 bar

## Power supply

- 100 - 240V AC 50/60 Hz
- Power consumption max: 430 W
- Standby mode 45 W (50 W source on)

## Readout system

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

## 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 **(OE750 only)**
- 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, incl. gases such as H, O, N **(OE750 only)**
- Mg, Co, Pb, Sn, Zn alloys, solders and more

## Solid state source

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

## Environmental data

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



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