

Your Partner in Analytical Excellence

With a rich history of over 35 years in instrumentation, Metal Power stands as a global leader in elemental analysis solutions and a pioneer in CCD- and CMOS-based Optical Emission Spectrometers (OES) for metal and oil analysis in laboratories and industry.

The company's extensive range of products is designed to meet all analytical needs with unparalleled accuracy and efficiency, offering the best value in the market. Our key product offerings include:

Stationary OES

Mobile OES

**Rotating Disc
Electrode (RDE) OES**

**Sample Preparation
Machines**

**Allied
Accessories**

**Industry 4.0
Digital Solutions**



Metavision 10008X

The zenith of sensitivity

1 1.0079 H Hydrogen	7 14.007 N Nitrogen	8 15.999 O Oxygen
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Flagship OES with ultra-low trace analysis at single- and sub-ppm levels for all elements.



Key Features

- Metal purity analysis: 99.997%+
- Analyse 60+ elements down to 1 ppm
- Soluble-insoluble analysis
- Time-Resolved Spectroscopy (TRS)
- Triple-stage internal Argon re-purification
- Hermetically sealed, cooled dual optics system



Scan to know more

Metavision 1008i³

When excellence is not good enough

1 1.0079 H Hydrogen	7 14.007 N Nitrogen	8 15.999 O Oxygen
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Only OES in its class to offer Oxygen analysis at low levels.



Key Features

- Metal purity analysis: 99.995%+
- Analyse for 60+ elements down to 10 ppm
- Soluble-insoluble analysis
- Time-Resolved Spectroscopy (TRS)
- Triple-stage internal Argon re-purification
- Hermetically sealed, cooled dual optics system



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Metavision 8i

Laboratory powerhouse



Comprehensive elemental analysis with Dual Optics and Multi-Base capabilities.



Key Features

- Metal purity analysis: 99.98%+
- Analyse 55+ elements down to 20 ppm
- CMOS design covering the full usable spectrum
- Noise-free spectra for low-level analysis
- Unlimited base and matrix capability
- Dual-optics system for the Deep UV spectrum



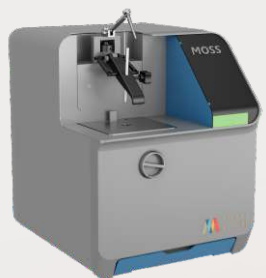
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MOSS

Compact and affordable



Remarkably compact and affordable OES with no compromise on features or detection capabilities.



Key Features

- Metal purity analysis: 99.9%+
- Analyse 30+ elements down to 50 ppm
- 2,000+ burns per cylinder
- Modular and scalable
- Smallest ever OES



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Mobile OES

High performance on wheels

6 12.011 C Carbon	7 14.007 N Nitrogen	15 30.974 P Phosphorus	16 32.06 S Sulfur
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Metavision-MX+

Unmatched mobility and precision to analyse 55+ elements in ferrous and non-ferrous metals.



Metavision-MX

Multi-CMOS mobile OES with Positive Material Identification (PMI) and sorting.

Key Features

- High-resolution CMOS optics
- Ergonomic mobile self-contained trolley
- Integrated computer and 15" touchscreen
- Up to 16 hours of battery backup
- Fast charging mode; **80%** in 10 mins
- HDMI output, dual data export (Ethernet and USB)
- Access to **350,000+** Metal Grades Library
- Ideal for PMI, sorting, and advanced applications



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Metavision **RX**

Extremely rugged oil analyzer

Compact and rugged Rotating Disc Electrode (RDE) OES to enable oil analysis for wear metals and contaminants.



Key Features

- Simultaneously analyse 33+ elements down to 0.01 ppm
- Ultra-high resolution CMOS optics
- Full ASTM D6595 compliance
- 165-800 nm spectral coverage with optional Sulphur analysis
- Advanced safety features to safeguard users and the instrument



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- Full coverage for parts, service, and repairs.
- Predictive maintenance prevents downtime.
- Highest discounts on all MPA offerings.
- Includes 2 PT* registrations.



- Predictable maintenance with diagnostics.
- Covers operating costs and offers discounts.
- Includes priority scheduling and consumable kit.
- Includes 1 PT* registration.



- Predictable maintenance with diagnostics.
- Discounts on consumables, spares, and accessories.
- Priority scheduling under the plan.

*ISO/IEC 17043-accredited Proficiency Testing (PT).



Access your OES from anywhere and on any device

3in1

SPM

Prepare sample surfaces for quality analysis

Wireless RTDS

Transmit your readings from lab to melting platform wirelessly



A comprehensive ecosystem for your spectrometer

Armour Safe

Protect your OES against unstable power and temperature for optimal performance

MetaLib PRO

Access the world's most comprehensive library for metal grade identification

FRP[®].melt

Integrated IT solution for best practice in melting and furnace operations

[FP]-LIMS

Digitise and connect your analysis instruments to manage data seamlessly

Metal Power's exemplary track record speaks volumes

3,500+

spectrometer installations worldwide

100+

service technicians ensuring optimal instrument maintenance

50+

countries across six continents served

35+

years of unwavering commitment to the industry

METAL POWER

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