

Price of Metal Spectrometer in South Africa



Summary of Content

Metal spectrometer prices in South Africa typically start from several thousand ZAR and can exceed hundreds of thousands depending on type and specifications.

Overview of Spectrometer Types and Pricing

Optical Emission Spectrometers (OES), such as the PlasmaQuant 9100, are widely used for metal analysis in industrial and laboratory settings. These high-performance instruments are designed for precision and reliability, and their prices generally range from R200,000 to over R1,000,000, depending on features, manufacturer, and included software or accessories (Spectrometer Technologies, Johannesburg). X-Ray Fluorescence (XRF) Spectrometers are another common choice for metal analysis. Portable or benchtop XRF models are available, with prices starting around R50,000 to R300,000 for basic units, while advanced laboratory-grade systems can cost significantly more. Atomic Absorption Spectrometers (AAS) and Inductively Coupled Plasma (ICP) Spectrometers are also offered by suppliers in South Africa. These instruments are typically used for trace metal analysis and can range from R150,000 to over R800,000, depending on sensitivity, automation, and sample throughput.

Factors Affecting Price

- Instrument type and technology: OES, XRF, AAS, and ICP spectrometers vary in complexity and cost.
- Portability: Handheld or portable spectrometers are generally less expensive than full laboratory systems.

Article Content

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Handheld XRF Spectrometer, Explorer 5000

Handheld alloy analyzer, XRF X-ray Fluorescence Spectrometer Introducing the EXPLORER 5000, a

ATOMIC ABSORPTION SPECTROMETERS

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PRICES VALID FROM: 01 JUNE 2026 (INCL. 15% VAT) PRICE

EXPANDED METAL 2.4x1.2m CODE HOLE SIZE X344 25x50x30x16 X349 25x50x30x20 X348 25x50x45x25

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Handheld XRF Spectrometer | PMI Alloy Analyzer –

Handheld Spectrometer XRF H500B The H500B Handheld Spectrometer uses X-Ray Fluorescence for

XRF Analysers, Handheld Spectrometer | X-ray Fluorescence | T.M.I.

XRF Analysers, AA XRF Handheld Portable Dispersive X-Ray Fluorescence Spectrometer, for analyzing minerals and exploration in

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Atomic Absorption Spectrophotometer

atomic absorption spectrophotometer (AAS) is a laboratory instrument that is used to determine the

Analytical Equipment

The Q4 POLO is the high precision metal analysis spectrometer with a low cost of ownership. It is a ready-to-analyze sample from

Spectrophotometers Archives

UV / VIS Spectrophotometer MA-UV1800 MA-UV1800PC / MA-UV1600 MA-UV1600PC / MA-V1800 MA-V1800PC / MA-V1600 MA

Handheld XRF Spectrometer | PMI Alloy Analyzer –

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Spectrophotometers | Inspection Tool Specialists

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Spectrometers are analytical instruments used to measure the properties of light over a specific portion of the electromagnetic

Analytical Equipment

Q8 MAGELLAN – High-end spark – OES spectrometer for primary metal process – and quality control The

Atomic Absorption Spectrometers Suppliers In South Africa

Find the top atomic absorption spectrometers suppliers & manufacturers in South Africa from a list including Analytik Jena - an

Handheld XRF Spectrometer, Explorer 5000

Equipped with a large-screen, high-resolution LCD and a new digital signal processor, the EXPLORER

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For more information, pricing, or custom solutions, please contact us:

Website: <https://benniedesignstudio.co.za>

Email: sales@benniedesignstudio.co.za

Phone: +27 82 391 4765

Address: The Towers, 1 St Georges Mall, Cape Town, 8001, South Africa

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