

# Indzawo Optic Connect

## Heavy Metal Spectrometer



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Presented solution combines off-the-shelf available chemical kits for heavy metal detection and developed spectrometer-based readout for concentration prediction, quality judgment, ...



The Portable XRF Spectrometer for soil heavy metal analysis is a compact, handheld tool designed to measure heavy metal levels in soil. Using X-ray fluorescence, it ...



Environmental: The SPECTRO xSORT is used in environmental applications to quickly screen soil, sediment, waste, and other materials for heavy metals and toxic elements, ensuring appropriate ...



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For onsite metal analysis, SPECTRO offers a complete range of mobile metal analyzer products, from handheld XRF to portable Arc Spark OES spectrometers.



Bruker's portable XRF solutions offer multi-element analysis with off-the-shelf or customized methods to provide actionable results at any stage of the food production process - from the presence of ...



Heavy metal contamination of soils has become a significant environmental concern due to its adverse effects on food quality, groundwater, micro-organisms, and plant growth.



Using X-ray fluorescence (XRF) technology, these instruments provide rapid, non-destructive testing (NDT) to determine the composition of metals, alloys, and other materials with high precision and ...



The two most commonly employed analytical methods for detecting and quantifying heavy metals are X-ray Fluorescence (XRF) and Inductively Coupled Plasma Mass Spectrometry (ICP-MS).



This rugged 245x250x90mm portable spectrometer delivers fast, precise elemental identification in the field. The 50kV X-ray tube and high sensitivity Si-PIN diode detector provide accurate analysis of ...



Owing to their non-biodegradable nature, heavy metals readily bioaccumulate and magnify, posing severe risks to human health and ecosystems. Accurate detection and speciation of ...

## Contact Us

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

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

Email: [sales@indzawo.co.za](mailto:sales@indzawo.co.za)

Phone: +27 71 296 8473

Address: 22 Quantum Street, Midrand, 1685, Gauteng, South Africa

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