

SOIL HEAVY METAL ANALYZER



The TrueX handheld Soil Heavy Metal Analyzer is lightweight and handheld, featuring a simple one-key operation. It's capable of analyzing various soil and sediment samples, including solid, dust, powder, debris, mud, filter material, and even thin film layers, for multi-element analysis and detection. Users can quickly obtain reliable analysis data, aiding in real-time strategy development. Moreover, testing costs are significantly lower compared to laboratory analysis.

APPLICATIONS

Portable XRF Analyzer - Soil Heavy Metal Analyzer

Site monitoring of metals involved in RCRA and priority control of contaminated metals

Portable XRF Analyzer - Soil Heavy Metal Analyzer

Can be: sand, sludge, solid waste, soil, mud; analysis of dust, dust, filter, film layer, etc

Portable XRF Analyzer - Soil Heavy Metal Analyzer

The original land, polluted water, waste water, and other harmful substances on-site disposal and pollution control, remedial methods to provide a theoretical basis for in-depth analysis

FEATURES

Excellent performance

The Handheld XRF Analyzer - Soil Heavy Metal Analyzer instrument displays element symbols in both Chinese and English, offering high precision and fast analysis. Its accuracy is comparable to laboratory standards, providing intuitive displays of element percentage content (up to three decimal points) and parts per million (PPM) content.

One-click operation

The entire analysis process of Handheld XRF Analyzer - Soil Heavy Metal Analyzer is completed in just a few seconds. In the field, soil can be directly analyzed without the need for sample preparation. Its user-friendly design means even non-technical individuals can easily master its operation.

Non-destructive Testing (NDT)

The testing process is non-destructive and doesn't impact the performance of the sample being tested. Throughout the entire test, there is no damage incurred.

Easy customization

Based on the testing results, the device offers various customizable settings. Users can adjust test conditions to meet specific detection requirements or modify thresholds for screening purposes. This allows for personalized screening of different materials and elements.

Wave analysis software

The Handheld XRF Analyzer - Soil Heavy Metal Analyzer professional management and analysis software offers easy setup of secure user passwords and generates customized, personalized analysis reports with the company logo. It also facilitates

remote control of the instrument. Users can access instrument calibration methods and perform energy calibration. The software automatically calibrates and diagnoses instrument failures. Additionally, software upgrades can be easily conducted through the internet.

Data processing

Data transmission methods include USB, WIFI, and wireless Bluetooth, among others. Files can be saved in formats such as EXCEL, PDF, and more. Users can customize test reports, incorporating company logos, addresses, test results, spectral spectra, and additional sample information like product descriptions, origins, and batch numbers. Cloud data services are available, facilitating organization and enterprise resource planning (ERP) for production resource management.

TECHNICAL SPECIFICATIONS

Weight	1.5KG
Size	254×79×280mm□ L×W×H□
Excitation source	50kV/200μA upper limit, tube pressure tube flow can be adjusted freely, W/Ag/Rh target (optional)
Detector	Si-PIN detector/SDD detector
Detection range	Mg—U
Display system	4.3 "industrial grade resistance touch screen Automatically adjust display brightness according to external environment brightness
Data processing	Built-in 32GB storage USB, can connect the device to the Internet, remote setting and maintenance of the instrument

Security	Built-in DoubleBeam™ technology automatically senses samples ahead for enhanced radiation safety and protection Waterproof, dustproof and shockproof carrying case Special safety rope
Power system	Intelligent battery with MSBUS, real-time monitoring battery, spare battery can directly check the remaining capacity of the battery, the battery complies with the air dangerous goods transport regulations A single battery can work for about 8 hours
Language	English, etc



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