

Soil Heavy Metal Analyzer



The handheld soil heavy metals analyzer, portable light, just one key operation, can be for a variety of soil and sediment samples (tested can be solid, dust, powder, solid, debris, mud filter material, tangible objects, such as thin film layer) multielement analysis and detection, and can quickly get reliable analysis data, Assist in real-time strategy development, testing costs are much lower than laboratory analysis.

Advantage:

1. Excellent performance

Element symbol Chinese and English display, high precision, fast speed, close to the laboratory level of analysis, can intuitively display element percentage content (elements can reach three decimal points) and PPM content.

2. One-click operation

The entire analysis process takes only a few seconds to complete. In the field, the soil can be analyzed directly without preparing samples
Single, even non-technical people can easily master.

3. Non-destructive Testing (NDT)

No damage, do not affect the performance of the tested sample, the whole test process without any damage.

4. Easy customization

On the basis of testing, it provides a variety of custom Settings. You can change test conditions according to detection needs, or change thresholds according to screening needs, so as to realize personalized screening of different materials and elements.

5. Wave analysis software

YUKE industry professional management and analysis software allows you to easily set the security user password, customized, personalized and with the company LOGO analysis report, easy to achieve remote control of the instrument; Open the instrument calibration method for users, users can calibrate the instrument and carry out energy calibration for the instrument; Automatic calibration, diagnosis instrument failure; Software can be upgraded through the Internet.

6. Data processing

USB, WIFI, wireless Bluetooth and other methods for data transmission, the file can be EXCEL, PDF and other formats, users can customize the test report: including company logo, company address, test results, spectral spectrum and other sample information (such as product description, origin, batch number, etc.); Can provide cloud data services. Organization and enterprise resource Planning (ERP) production resource planning management.

Application scenario:



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



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



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



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Product Parameters:

Weight	1.5KG
Size	254mm×79mm×280mm (L×W×H)
Detection range	Mg—U
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
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
Language	English
Security	Built-in DoubleBeam™ technology automatically senses samples ahead for enhanced radiation safety and protection Waterproof, dustproof and shockproof carrying case YUKEIndustry special safety rope



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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