

Mineral Analyzer



The mineral analyzer provides rapid and accurate elemental analysis results with little or no sample preparation at all stages of a mining operation, from grassroots exploration and development, to ore grade control, and even environmental investigations. Sample density increases compared to traditional laboratory methods. Save time, worry and effort.

Advantage:

1. Portable

The instrument is smaller in size and lighter in weight, so it is easy to carry.

2. Industrial resistance touch screen

4.3-inch industrial resistance touch screen, compared with capacitor screen, has better backlight performance, can still be clearly visible under strong light in the field, and avoid the risk of removing gloves in special outdoor environment.

3. User-defined

Users can create customized professional reports, including company logo, company address, test results, spectrograph and other sample information (such as product description, origin, batch number, etc).

4. High precision

Imported high-performance X-ray tubes and high-resolution detectors, combined with digital multi-channel processing technology, make TrueX handheld ore analyzer with higher analysis accuracy.

5. GPS system

It can combine the built-in GPS latitude and longitude data and altitude data and import third-party GIS analysis software to build three-dimensional geographical distribution map of element content, so as to quickly assess mineral reserves or geological environmental disaster areas.

Application scenario:



Analysis of mineral processing grade in geological prospecting



Mineral research



Tailings processing



Slag reuse



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Product Parameters:

Weight	1.5KG
Size	254mm×79mm×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 etector/SDD detector
Detection range	Mg-U
Display system	4.3 "industrial grade resistance touch screen Automatically adjust display brightness according to external environment
Data processing	Built-in 32GB storage USB, can connect the device to the Internet, remote setting and maintenanc e of the instrument
Language	English
Security	Built-in DoubleBeam™ technology automatically senses samples ahead for e nhanced 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