

TRUEX HANDHELD XRF ANALYZER



The TrueX handheld XRF analyzer is a powerful device developed by our company, renowned for its rapid detection, durability, and compactness. Handheld XRF Analyzer - TrueX Handheld XRF Analyzer enables users to obtain results comparable to laboratory standards in field environments. Widely utilized in waste recycling, environmental assessments, RoHS compliance, consumer product safety, metal materials, metal jewelry, and other industries.

Portable XRF Analyzer - TrueX Handheld XRF Analyzer

APPLICATIONS

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Metal materials

PMI, QA/QC, waste sorting, etc.

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Environmental assessment

Soil detection, solid waste detection

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Consumable Safety Screening

RoHS compliance screening

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Geology and Chemistry

Mineral exploration, ore detection

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Precious metal detection

Jewelry/precious metal identification, automobile catalyst detection

FEATURES

High performance configuration

Combining low-energy X-rays with an intelligent vacuum system yields a strong excitation effect on light elements such as Si, P, S, Al, and Mg. XRF technology is capable of analyzing key elements with high content such as Cr, Ni, and Mo.

Automatic switching of various collimators and filters

The Handheld XRF Analyzer - TrueX Handheld XRF Analyzer offers four types of collimators: 5mm, 3mm, 1mm, and 0.5mm. The software allows for automatic switching between collimators and filters, saving time and effort. By selecting the appropriate collimator and filter combination, or opting for no filter, detection accuracy and sensitivity can be enhanced.

NDT

The testing process does not damage or impact the performance of the tested object. It does not harm the internal tissue of the object and ensures no damage occurs throughout the entire testing process.

Peltier refrigeration

The advanced Peltier electric refrigeration method eliminates the need for liquid nitrogen, reducing equipment complexity and saving on manpower and equipment maintenance costs.

Data transmission

Data can be transmitted via USB, WIFI, wireless Bluetooth, and other methods.

Custom

In Handheld XRF Analyzer - TrueX Handheld XRF Analyzer the files can be in EXCEL, PDF, and other formats, allowing users to create custom test reports that include company logos, spectra, and other sample information.

Safety

The Handheld XRF Analyzer - TrueX Handheld XRF Analyzer device features a fully enclosed metal case and an anti-leakage protection switch, designed with scientific precision. The coordination of software and hardware, along with electromechanical linkage, ensures radiation safety in compliance with national standards GB18871-2002 and GBZ115-2002.

TECHNICAL SPECIFICATIONS

Weight	1.5KG
Size	254×79×280mm□ L×W×H□
Excitation source	Up to 50kV/200μA, Voltage and current can be adjusted freely, W/Ag/Rh target (optional)
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 maintenance of the instrument
Heat dissipation	T-slot radiator
Security	Built-in DoubleBeam™ technology automatically whether samples are at front, enhanced radiation safety and protection Waterproof, dustproof and shockproof carrying case Special Safety rope
Power Supply System	Intelligent battery with MSBUS, 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



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