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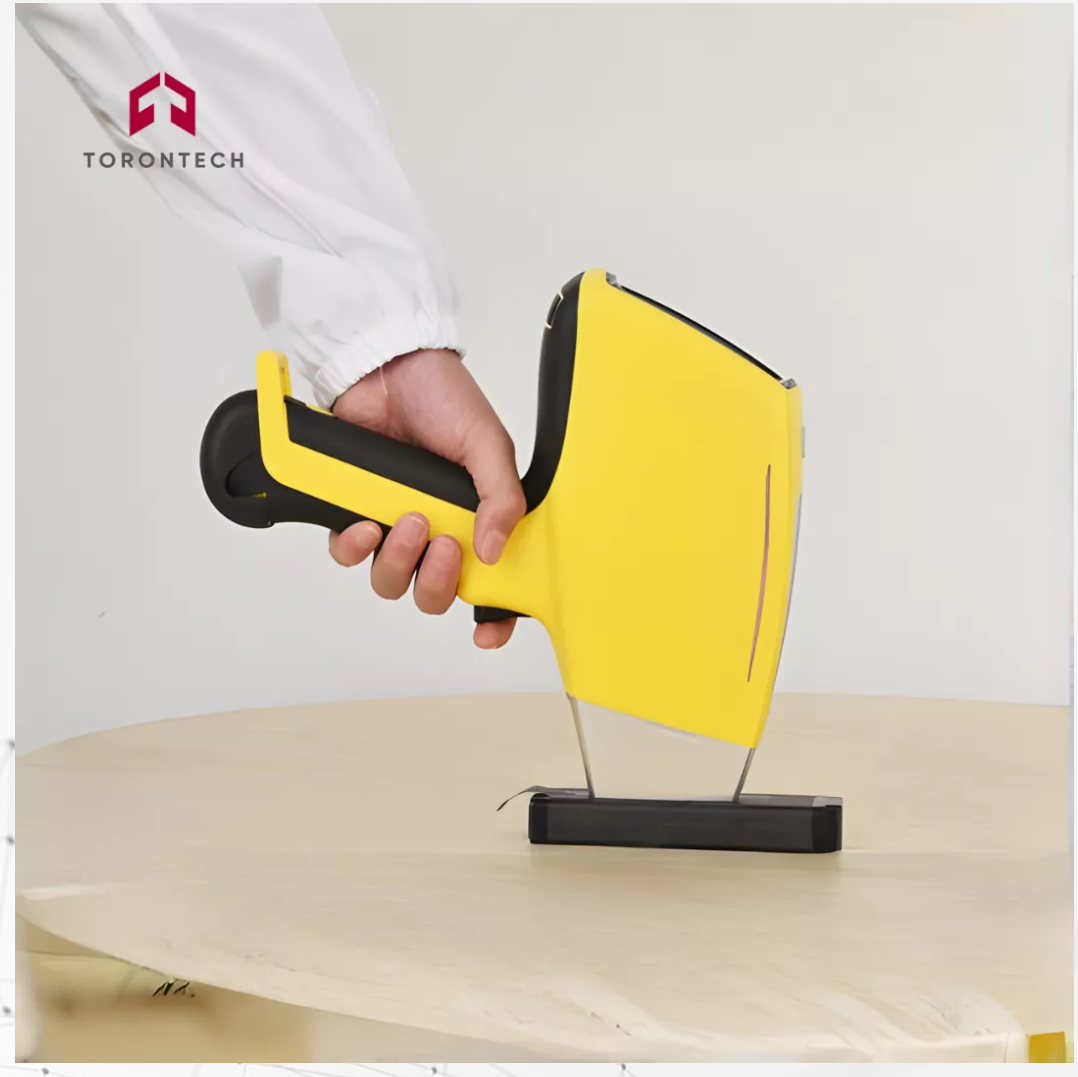

TERNARY BATTERY ANALYZER

The TrueX Ternary Battery Analyzer, addresses market demands by combining electronics, microelectronics, semiconductor, and computer software technologies. Specifically designed for used batteries, it facilitates quantitative and qualitative analysis of battery cathode materials. With its rapid, efficient, non-destructive, and durable features, it serves as the ideal tool for ternary battery material manufacturers, distributors, and scrap recyclers.

APPLICATIONS

Portable XRF Analyzer - Ternary Battery Analyzer

Identification of battery cathode materials

Portable XRF Analyzer - Ternary Battery Analyzer

Quality control in battery manufacturing

Portable XRF Analyzer - Ternary Battery Analyzer

Recycling and sorting of waste batteries

FEATURES

Easy carry

Handheld XRF Analyzer - Ternary Battery Analyzer instrument is compact and lightweight, making it easy to carry.

High-performance configuration

High-speed processing chips, advanced algorithms, and efficient software combine to enhance the speed of instrument analysis.

Industrial resistance touch screen

Handheld XRF Analyzer - Ternary Battery Analyzer has 4.3-inch industrial resistance touch screen outperforms capacitor screens. It offers superior backlight performance, ensuring clear visibility even under strong sunlight in the field, and eliminates the need to remove gloves in challenging outdoor environments.

Smart battery

A single battery can operate for approximately 8 hours. It supports hot swapping, allowing for replacement without shutting down while in operation. Additionally, it can monitor the remaining battery capacity in real time, and the battery complies with air transport regulations for dangerous goods.

User-customized

In Handheld XRF Analyzer - Ternary Battery Analyzer users have the ability to generate customized professional reports, which can include company logos, addresses, test results, spectrographs, and other sample information such as product descriptions, origins, and batch numbers.

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)
Detector	BOOST Si-pin, SDD (optional)
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	The instrument is equipped with a special T-slot cooling device to improve the heat dissipation performance of the instrument, and there is no need to frequently wait for the detector to cool down
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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