

Ternary Battery Analyzer



TCB ternary battery Analyzer is YUKEIndustry combined with market demand, combined with electronics, microelectronics, semiconductor and several technologies such as computer software, developed the XRF analyzer for used batteries, battery cathode material is suitable for elements quantitative and qualitative analysis. It has the advantages of rapid, efficient, non-destructive, durable. It is the ideal tool for ternary battery material manufacturers, distributors and scrap recyclers.



0086 16601757347
inquiry@yukelab.com
www.yukelab.com
0086 021 59570209

Advantage:

1. Easy carry

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

2. High-performance configuration

High-speed processing chips, advanced algorithms and efficient software combine to make instrument analysis faster.

3. Industrial resistance touch screen

4.3-inch industrial resistance touch screen, compared with capacitor screen. It 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.

4. Smart battery

A single battery can work for about 8 hours. It supports hot swap and can be replaced in working state without shutting down. It can also monitor the remaining capacity of the battery in real time, and the battery complies with the air dangerous goods transport regulations.

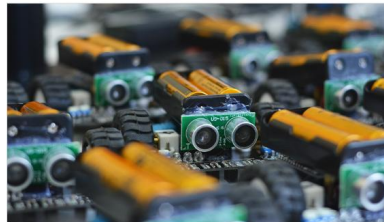
5. User-customized

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.).

Application scenario:



Identification of Battery Cathode Materials



Quality Control in Battery Manufacturing



Recycling and Sorting of Waste Batteries

Product Parameters:

Weight 1.5KG

Size 254mm×79mm×280mm (L×W×H)



0086 16601757347
inquiry@yukelab.com
www.yukelab.com
0086 021 59570209

Detection range	Pt, Pd, Rh and other elements
Excitation source	Up to 50kV/200μA upper limit, tube pressure tube flow 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 senses samples ahead for enhanced radiation safety and protection Waterproof, dustproof and shockproof carrying case YUKEIndustry 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