

Handheld Lithium Battery Analyzer

Item Number: XRF-970



Introduction

XRF970 handheld lithium battery analyzer, based on advanced ceramic packaged microfocus X-ray tube and high-performance semiconductor detector, combined with advanced software algorithms, can quickly and accurately analyze Ni, Co, Mn and other regulated elements in lithium batteries. It is an ideal portable analyzer for lithium battery manufacturers' process quality control and safety precautions, and for waste lithium battery recyclers' sorting tasks.

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Detector	High performance Si-Pin detector /Optimized SDD detector
Filter	Multi position automatic filter changer
Window	Kapton with anti-puncture window design optional
Collimator	5mm collimator
Battery	7.2V Li-ion battery 6800mAh
Display	Capacitive touch color display
Data storage	100000+ data storage
Data transfer	WiFi USB
Radiation safety	Safety guard device, tube shutoff while no sample , Password-protected user security
Camera (optional)	Integrated CCD camera with autofocus lens for positioning and recording measuring point positions
Elements	Ti V Cr Mn Fe Co Ni Hf Ta Re Cu Zn W Se Pb Bi Zr Nb Mo Al Pd Ag Sn Sb etc. and be customized
Environment Temp	-10°C~50°C Humidity 0%~80%
Weight	Approx. 1.5kg (3.3lbs) including battery
Dimensions	LxWxH: 220mm*91mm*276mm
Software language	English and other languages