Handheld Alloy Analyzer

Item Number: XRF-900

Introduction

XRF900 are good choice for metal analysis in many fileds, delivering rapid, accurate results right in your hand.

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Model	XRF-900	XRF-900P	XRF-900S
Excitation	Ceramic packaged microfocus X-ray tube, Ag Anode 50kV		
Detector	High performance Si-Pin detector	Optimized SDD detector (with Graphene window)	Optimized SDD detector(with Graphene window)
Resolution	140eV FWHM	129eV FWHM	129eV FWHM
Filter	Multi position automatic filter changer		
Window	Kapton with anti-puncture window design optional		
Battery	7.2V Li-ion battery,6800mAh		
Display	Capacitive touch screen (5 inch 720P)		
CPU	i.MX 8M Mini quad core 1.8GHz		
Signal Processor	4096-pixel multi-channel detector/80 MHz ADC digital signal processor		
Data Storage	Over 100,000 data storage		
Data transfer	WiFi、USB		
Structure design	Unique AXRUNI structure design, effectively increase the heat dissipation of the X ray tube		
Radiation safety	Safety Guard induction device, when there is no sample in the test area, the source will shut, providing maximum safety protection. Password-protected user security		
Camera(optional)	Integrated CCD camera with autofocus lens for positioning and recording measuring point positions		
Elements	Sb、Sn、Ag、Pd、Al、Mo、Nb、Zr、Bi、Pb、Se、W、Zn、Cu、Re、Ta、Hf、	Sb、Sn、Ag、Pd、Al、Mo、Nb、Zr、Bi、Pb、Se、W、Zn、Cu、Re、Ta、Hf、	Sb、Sn、Ag、Pd、Al、Mo、Nb、Zr、Bi、Pb、Se、W、Zn、Cu、Re、Ta、
Environment	Temp:-10°°C~50°CHumidity 0%~80%		
Weight	Approx. 1.5kg (3.31bs) including battery		
Dimensions	LxWxH: 220mm*91mm*276mm		
Optional	With the innovatively designed AXRSMART mobile application, data can be viewed, shared, and printed in real time, and functions such as sample photo, GPS positioning, ba scanning, and data archiving can be supported. Optional data cloud service function support uploading the test results to a secure and encrypted cloud server, and perform statistics, query and analysis of large-scale analysis data.		
Special Accessories	In addition to conventional accessories, optional: welding mask, hot surface adapter. It can detect high temperature surfaces and vibrating surfaces without contact.		