

HANDHELD XRF ALLOY ANALYZERS (ADVANCED TYPE)

CAN BE
CUSTOMIZED

DATA
OUTPUT

- Widely used in alloy identification, metal scrap recycling, and quality assurance/control processes within the metal manufacturing industry
- Analyzable alloy series: aluminum-based Alloys, cobalt-based alloys, titanium-based alloys, molybdenum/tungsten alloys, nickel-based alloys, copper-based alloys, iron-based alloys (stainless steels, chromium/molybdenum alloys, low alloy steels, tool steels, seamless steels)
- High accuracy, fast measurement speed, and intuitive display of alloy grades, element percentages (with up to 0.001% resolution), and ppm-level concentrations
- The analysis cycle is completed in seconds with one-touch operation
- Non-Destructive Testing (NDT), which ensures no damage to the sample during the testing process
- No sample preparation is required; direct measurement can be performed on the sample surface
- Built-in 380 alloy grades, expandable with 2 user-defined grade libraries



SPECIFICATION

Code	HSM-S110	HSM-S130	HSM-S620	HSM-S640
Analysis mode	alloy analysis	alloy analysis plating analysis	alloy analysis	alloy analysis plating analysis
Detector	Si-PIN		SDD	
Elemental analysis range	Ti~U		Mg~U	
Target material	Ag target		Rh target	
Excitation source	50kV/200μA Max			
Heat dissipation	dedicated T-slot heat sink enhances thermal dissipation performance of the instrument			
Display	4.3-inch industrial-grade resistive touchscreen			
Operation system	Android			
Safety	air-test protection against untargeted operation			
Memory module	32G			
Data interface	mini-USB			
Data processing	reports can be generated in EXCEL and PDF formats, and users can customize the content			
Battery	6600mAh			
Working environment	-35~60°C			
Dimension (L×W×H)	254×79×280mm			
Weight	1.6kg			

*can be customized according to user requirements: RoHS analysis mode, ore analysis mode

STANDARD DELIVERY

Main unit	1pc
Battery	2pcs
Power adapter	1pc
Reference sample	1pc
Window protective film (HSM-A110-FILM)	10pcs

OPTIONAL DELIVERY

Bluetooth printer	HSM-S110-BP
Stand	HSM-S110-STAND
Testing cup	HSM-S110-CUP