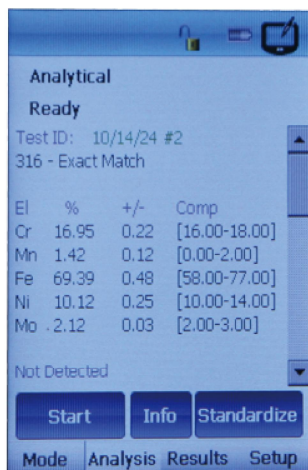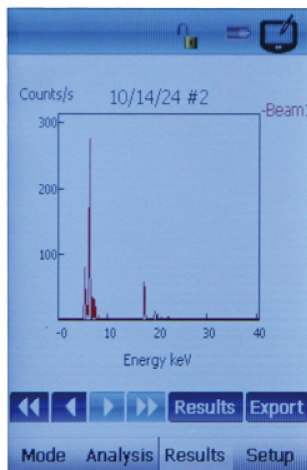# HANDHELD XRF ALLOY ANALYZER (BASIC TYPE)
CODE HSM-A310

test interface

spectral analysis

- Fast and non-destructive test to identify alloy grade and composition
- For iron-based alloys (stainless steels, chromium/molybdenum alloys, low alloy steels, tool steels, seamless steels), nickel-based alloys, cobalt-based alloys, titanium-based alloys, copper-based alloys, high-temperature alloys (molybdenum/tungsten alloys), aluminium-based alloys

SPECIFICATION

Excitation source	35kV/200µA, Ag target, integrated end window, micro X-ray tube and high voltage, power supply matching power ≥4W
Detector	Si-PIN, window area 25mm²
Elemental analysis range	K, Ca, Ti, V, Cr, Mn, Fe, Co, Ni, Cu, Zn, As, Se, Rb, Sr, Zr, Nb, Mo, Ru, Rh, Pd, Ag, Cd, Sn, Sb, Ba, Ta, Hf, W, Re, Ir, Pt, Au, Hg, Pb, Bi
Alloy analysis mode	1.iron-based alloys (stainless steels, chromium/molybdenum alloys, low alloy steels, tool steels, seamless steels), nickel-based alloys, cobalt-based alloys, titanium-based alloys,copper-based alloys, molybdenum/tungsten-based alloys, aluminium-based alloys 2.comes with 288 commonly used alloy grades 3.can create your own grade database
Display	3.5-inch LCD touch screen, clearly visible in all light conditions
Memory	built-in 8G, storage data, >40000 groups
Data transmission	data transfer via mobile phone shared WIFI with mobile phone app
Battery	6600mAh lithium battery, for 4 hours working time
System	Windows
Security protection	air-test protection against untargeted operation
Work environment	temperature: -20~40°C, relative humidity: 10%~80%
Dimension (L×W×H)	250×265×85mm
Weight	1.3kg

STANDARD DELIVERY

Main unit	1pc
Power adapter	1pc
Charger	1pc
Battery	2pcs
Window protection film (HSM-A310-FILM)	5pcs
316 stainless steel standard block	1pc

316 stainless steel standard block(included)

window protection film(included)