

Handheld X-Ray Fluorescence (XRF) Analyzers

ATX2600R

Feature

- Elements 12-92 Mg~U
- A single battery can last up to eight hours
- Build-in Memory battery can replace battery while running the measurement
- Light weight, compact size for easy to operate in the field
- 4.3 inch industrial-grade resistive touch screen automatically adjusts display brightness according to the brightness of the external environment
- Seal integrated design for water proof and dust proof NDT , fast and without sample preparation.

Application

- NDT, Fast, Accuracy alloy elements ID and grades ID
- Metal ID/ Scrap Metals Sorting
- QA/QC manufacturing
- Pharmaceutical and biological medicine
- Positive materials ID, oil refining, petrification
- Thermo/Water/Nuclear power plant
- RoHS2 toxic elements scan
- Packing materials, oil ink, furniture, and painting toxic element scan

Description

Optosky ATX2600 is self-designed handheld X-ray fluorescence spectroscopy analyzer.

Optosky is the most affordable handheld XRF analyzer manufacturer for fast, accurate, and reliable XRF spectrometer, With the rugged and compact size, the fastest identification of alloy, precious metals, mining, soils, RoHs2, cement etc Super fast scan speed reach up to 500k counts per second. With 8-mega pixel camera for field reviewing to ensure high accuracy.

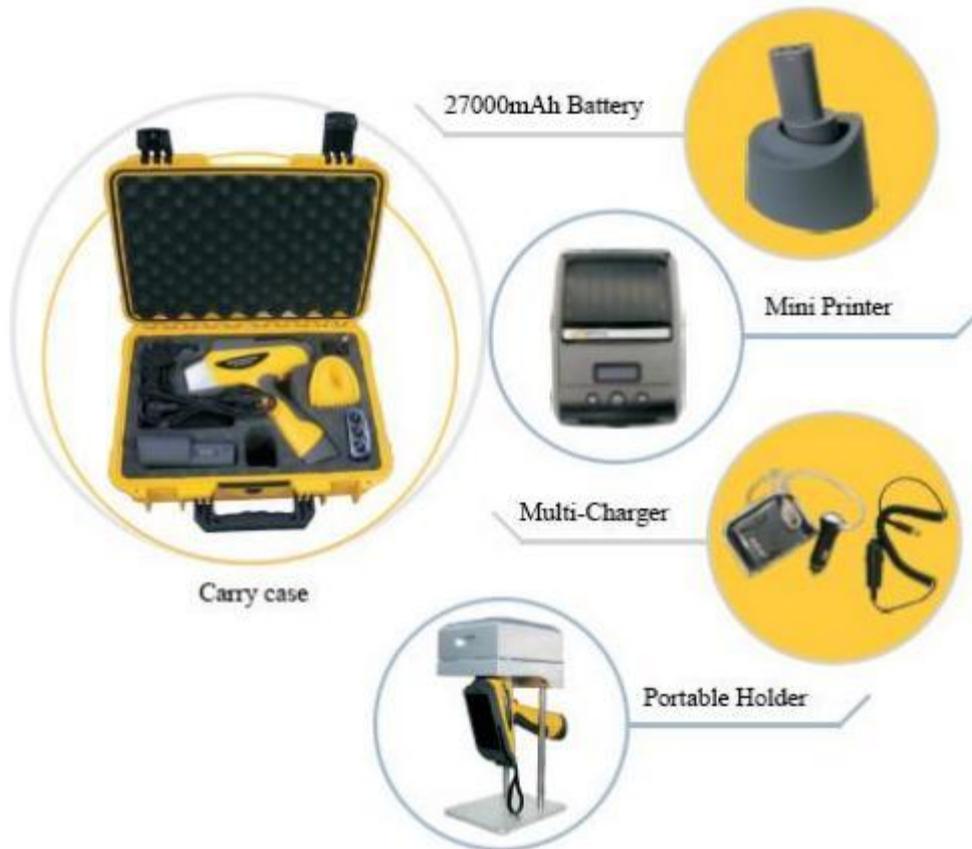
It's widely applied to electronic parts, raw materials supplier for appraisal, inspect and verify packing materials, various battery toxic materials, and many other toys, stationery, children products, presents, furniture toxic materials inspection, and handheld device can shoot directly at huge object to read out result in few second.



1. Parameters

Item	Description
Weight	1.6Kg
Dimension	254mm(L) X 79mm(W) X 280mm(H)
Detector	Si-PIN detector/SDD detector(Optional)
Resolution	< 125 eV (SDD)
Power	A single battery can last up to 8 hours
X-ray tube voltage	6-50KV
X-ray tube current	0-200uA
Software	Built-in 32G memory, USB, Bluetooth, WIFI, can connect the device to the Internet, can remotely set the instrument and overhaul data
Touch screen	4.3 inch industrial-grade resistive touch screen automatically adjusts display brightness according to the brightness of the external environment
Elements	Mg~U, including common element Mg, Al, Si, P, S, Cl, Ar, K, Ca, Sc, V, Ni, Cr, Mo, Mn, Cu, Fe, Ti, V, Co, Ta, Nb, Pb, Sn, W, Zn, Bi, Cd, Re, Ru, Sb, Se, Zr, Hf, Ir, Au, Ag, Pd, Pt, Rh, Mg, Al, Si, P, S, Cl, Ar, K, Ca, Sc
Radiation	< 2.5μSv/h
Simultaneously test	40 elements can be analyzed simultaneously
Content range	ppm ~ 99.99%
Detect limit	1-500ppm

2. Accessories



LOW DENSITY POLYETHYLENE			
	Mass Fraction		
	Certified Value	Uncertainty	Unit
As	29.1	1.8	mg/kg
Br	0.77	0.04	g/kg
Cd	137	4	mg/k
Cl	0.80	0.05	g/kg
Cr	100	5	mg/kg
Hg	23.7	0.8	mg/kg
Pb	98	6	mg/kg
S	0.63	0.04	g/kg
Sb	99	6	mg/kg



CERTIFICATE OF ANALYSIS
 ERM® EC681h

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NOTE: Certified Reference Material (CRM) analysis was produced and certified under the responsibility of the client according to the procedures set forth in the Technical Guidelines of the European Reference Material (ERM) programme. The analysis was performed in the laboratory of the client. The client is responsible for the quality of the sample and the accuracy of the data. The client is also responsible for the safety of the sample and the accuracy of the data. The client is also responsible for the safety of the sample and the accuracy of the data.