

## Handheld XRF Soil Analyzer

## ATX3600H-T

### Features

- Lossless, fast and accurate
- High accuracy and short test and analysis time
- Close to laboratory-grade analysis level
- One-touch operation
- Remote control system
- Multi-platform synchronization possible
- The software has functions such as data analysis, spectrum display, and report printing.
- WiFi, wireless Bluetooth and other methods for data transmission
- The client has the ability to send analysis reports via email

### Application

- water in ecological environment
- Soil heavy metal detection
- Determination of rare earth elements, precious metals and other elements in mineral samples during survey and mining

### Description

ATX3600H-T is a handheld alloy analyzer using X-ray fluorescence spectroscopy technology. With the continuous promotion of X-ray fluorescence spectrometry analysis technology, the use of X-ray fluorescence spectrometer analysis and detection has become the main means of quality control in many industries.

This machine has high detection performance for the detection of heavy metals in soil, fast detection speed, and simultaneous analysis of multiple metal elements, which greatly improves the investigation and remediation of soil pollutants.

Optosky not only implements ultra-high-speed digital multi-channel technology in hardware, but also uses the self-developed Super-FP method in the core algorithm of the software. Its performance has reached the world's leading level. At the same time, the Optosky X handheld spectrometer is equipped with DoubleBeam™ technology and Ultrashort™ optical path design. technology. A pioneering combination of analytical technology and bold innovation that redefines new solutions for on-site analysis. Optosky series instruments can now quickly find efficient and reliable solutions in many fields such as environmental protection, alloys, geology and mining, RoHS consumer product testing, archaeology, coating thickness measurement, precious metals, etc.

Model	Feature
ATX3600H-T	Handheld XRF Soil Analyzer



## 1. Application

Used for on-site analysis and determination of heavy metal element content in soil, sludge, solid waste and other media for law enforcement and emergency monitoring

## 2. Configuration

1 testing equipment host, 2 batteries, 1 charger, 1 data cable

## 3. Parameter

1.1 Detection elements:

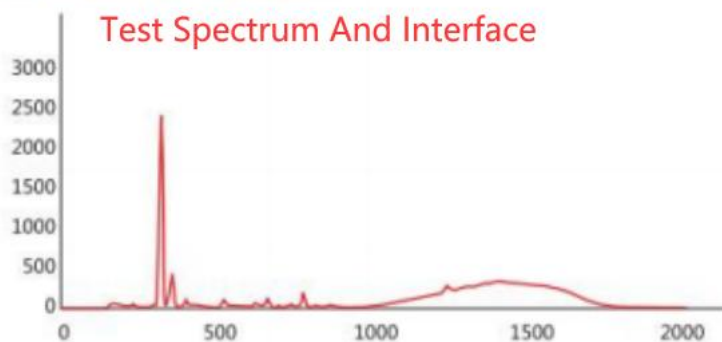
Can analyze Mg, Al, Si, P, S, Cl, K, Ca, Ti, V, Cr, Mn, Fe, Co, Ni, Cu, Zn, As, Se, Rb, Sr, Y, Zr, Nb, Mo, Ag, Cd, Sn, Sb, W, Au, Hg, Pb, Bi, Ba, Th, U, Sc, Cs, Ie, Pd, Hf, Ta, Re, Ge, Tl, provide 4 standard elements.

1.2 It can store and display the type, content and test time of heavy metals. Stores more than 100,000 data and maps.

1.3 Data transmission and processing: Bluetooth, USB data cable, or external tablet, mobile phone dedicated APP software connection

Connect the instrument for operation, which is convenient and simple.

### 测试谱图及界面



土壤 Soil #106		60SEC
Elem	PPM	+/-
Ca(钙)	1580	58.52
CaO	2210	81.87
Ti(钛)	4250	201.3
TiO2	7174	335.7
V(钒)	120.0	10.63
Cr(铬)	85.52	9.652
Mn(锰)	1528	65.32
Fe(铁)	5.621%	0.111
Ni(镍)	50.21	3.652
Cu(铜)	399.5	25.63
Zn(锌)	116.5	15.65
As(砷)	231.2	8.522
Pb(铅)	325.5	12.54