

Advanced XRF equipment and solutions



PR05P=CT0R



MAX

The ElvaX ProSpector 3 MAX handheld XRF analyzer is a fast and powerful system ideally suited for archaeometry due to the combination of all the features and characteristics necessary for effective analysis of archaeological artifacts. The ProSpector 3 MAX offers a set of tools for reliable non-destructive analysis of a wide range of materials for the purposes of archaeological provenance, dating, and authentication. The scope of analyzed materials includes alloys, ceramics, pigments, glass etc.



**GPS Mapping** 

 Integrated GPS module allowing to tag all the measurements with geographical coordinates All interfaced to quick data exchange

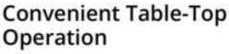
ProSpector 3 has the largest touch screen (4.3") available in hand-held XRF analyzers

# Accurate Sample Positioning

 Automatic collimator changer and CCD camera allow to analyze specific spots of non-uniform items

## Protected Against Dust and Moisture

 IP67 protection allows you not to worry about the weather and working conditions



 Unique 4.3" flip screen allows for setting up a mini laboratory with the controls at your fingertips





ProSpector 3 is avaible in two bright colors, so they never get lost during Your operations.





Besides the field analysis ElvaX ProSpector 3 MAX offers powerful PC software for in-depth analysis. ElvaX ProSpector 3 MAX is equipped with a USB and Wi-Fi for seamless synchronization with a PC. The analysis data is easily exportable into MS Excel for further processing.

By employing the newest technologies on the market the ElvaX ProSpector 3 MAX helps you make your work much less time consuming, more convenient and efficient.

## **General specs**

Display: 4.3" LCD touchscreen

Hardware: 1GHz WindowsEC7 based

Demensions: 236x193x68 mm Weight: 1.05 kg (with battery) Battery: up to 16 hours

Protection: IP67 GPS: on board

Interfaces: USB, Bluetooth, WiFi, microSD

Optional He purge

#### DigiX-50 X-Ray source

Anode: Rh, Ag Power: 5 W

Current: 200 uA Voltage: 50 kV

#### X-Ray Fast SDD detector

Energy resolution: 140 eV @ Mn Ka

Count rate: >500 000 cps.

Elvatech Ltd. 50 Mashynobudivna str., Kiev 03680, Ukraine

Phone: (+380 44) 599-11-43 Fax: (+380 44) 406-65-83

office@elvatech.com

www.elvatech.com