

twilight

INSTRUMENTOS DE MEDICIÓN INDUSTRIAL

Medidor de Fluorescencia de Rayos X (Sulfuro a Uranio), Elvatech EL-PROSPECTOR3

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Advanced XRF equipment and solutions



ARCHEOMETRIC ANALYSIS

PROSPECTOR 3

MAX

www.elvatech.com

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.



User benefits in archeometry:

Low Limits of Detection

- Optional connection of Helium purge significantly reduces detection limits of light elements and allows for analysis from Na
- Graphene SDD detector provides highest performance on the market

Analysis Speed

- Highly accurate analysis in just several seconds due to digiX™ technology boosting count rate up to 500 000 CPS

GPS Mapping

- Integrated GPS module allowing to tag all the measurements with geographical coordinates

Bluetooth

Wi-Fi

USB

Micro SD

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

Convenient Table-Top Operation

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



ProSpector 3 is available 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.

X-Ray Fast SDD detector

Energy resolution: 140 eV @ Mn Ka
Count rate: >500 000 cps.



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