ELVATECH PRECISION THAT EMPOWERS CONFIDENCE

PROSPECTOR 2 LE

ADVANCED XRF ANALYSIS OF ANY ELEMENTS IN VARIOUS MATERIALS

PROSPECTOR 2 LE IS AN ADVANCED, VERSATILE XRF ANALYZER DESIGNED FOR HIGH-PRECISION ANALYSIS, CAPABLE OF MEASURING BOTH LIGHT AND HEAVY ELEMENTS

Perfect for specialized tasks in environmental studies, jewelry analysis, and more, this model delivers greater sensitivity and flexibility for a wide range of applications.

SUPERIOR SENSITIVITY FOR LIGHT ELEMENTS

With a large-area SDD detector, ProSpector 2 LE provides high sensitivity for light elements such as magnesium (Mg), aluminum (Al), and silicon (Si), making it perfect for environmental research and other specialized tasks.

AUTOMATED FLEXIBILITY

The 5-position automatic filter changer adapts to various materials, ensuring optimal performance without the need for manual adjustments.

HIGH PRECISION

The ability to precisely localize the analysis area with an optional CCD camera ensures accuracy even in small or intricate samples.

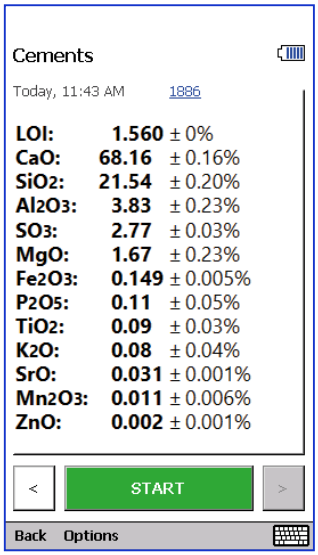
COMPACT AND DURABLE

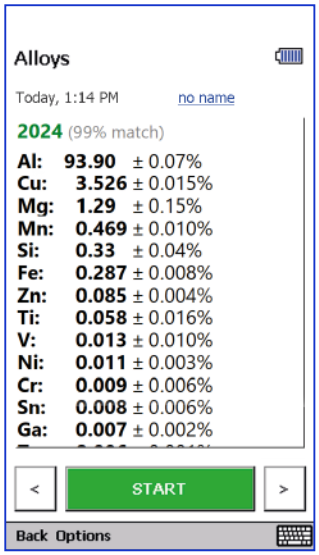
Designed for portability and reliability, ProSpector 2 LE's compact size (242 × 230 × 78 mm; 1.4 kg) and IP54 protection allow for use in both field and laboratory environments.

TWICE better precision	**TWICE** lower detection limits
FOUR TIMES faster than other handheld XRF	

WIDE DETECTION RANGE

Capable of analyzing elements from magnesium (Mg) to uranium (U), ProSpector 2 LE is perfect for light and heavy element applications.





ADVANCED FILTER

The automatic 5-position filter and fixed collimator enable flexibility in analyzing a wide range of materials and samples.

Bluetooth	Wi-Fi
USB	Micro SD

PRECISION IMAGING

With the optional CCD camera, ProSpector 2 LE allows for precise localization of the analysis area, ensuring high accuracy even for small or complex samples.

INTERACTIVE TOUCHSCREEN

A 4.3" touchscreen ensures easy, intuitive operation and quick data handling.

TYPICAL APPLICATIONS

- Analysis of Alloys and Scrap Sorting
- Environmental Research (Soil and Sediment Analysis)
- Analysis of Cement and Refractory Materials
- Coating Thickness Measurement
- Archaeological Research and Forensic Analysis
- Precious Metal and Jewelry Analysis

TECHNICAL SPECIFICATIONS

X-ray Tube: Rh anode, 40 kV (W, Ag options)

Detector: Large-area SDD detector

Filters & Collimator: Automatic 5-position filter & fixed collimator

Detection Range: Mg – U

Dimensions & Weight: 242 × 230 × 78 mm; 1.4 kg

Ingress Protection: IP54

Connectivity: Optional Bluetooth & Wi-Fi

CCD Camera: Optional analysis area camera

ProSpector 2 LE is perfect for clients who require precision and flexibility for analyzing both light and heavy elements, making it ideal for specialized applications in environmental, industrial, and research fields.

Speed | Lightness | Accuracy | Stability

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