

ELVATECH PRECISION THAT
EMPOWERS CONFIDENCE

PROSPECTOR 2



RELIABLE XRF ANALYZER
FOR ELEMENTAL ANALYSIS

PROSPECTOR 2 IS AN EFFICIENT, COST-EFFECTIVE HANDHELD XRF ANALYZER

Specifically designed for quick and reliable analysis in metallurgy, scrap sorting, precious metals verification, and routine industrial quality-control tasks.

DEPENDABLE PERFORMANCE

Equipped with a tungsten-anode X-ray tube at 40 kV (optional 50 kV), ProSpector 2 provides consistent excitation and stable, repeatable results for all your analytical needs.

STRAIGHTFORWARD OPERATION

The fixed single-filter system and collimator design simplify operation, reducing complexity and minimizing setup times for routine tasks.

FAST & ACCURATE RESULTS

The silicon-PIN detector ensures rapid readings with optimal accuracy, significantly reducing downtime and repeated measurements.

PORTABLE AND DURABLE

Compact and ergonomic (242 × 230 × 78 mm; 1.4 kg), with an IP54 rating, ProSpector 2 is built for reliable performance in challenging field and laboratory conditions.



TWICE
better precision

TWICE
lower detection limits

FOUR TIMES
faster than other handheld XRF

WIDE DETECTION RANGE

Analyzes elements from chlorine (Cl) through uranium (U), covering all requirements for heavy-element analysis in a single measurement.

SIMPLE DESIGN

Single fixed filter and collimator enable trouble-free, maintenance-free operation for consistent results without complex settings.

INTERACTIVE TOUCHSCREEN

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

Alloys 

Today, 3:23 PM [stainless](#)

304 N, 304 LN, 304 L, 304 HN
(99% match)

Fe: 71.80 ± 0.03%
Cr: 18.17 ± 0.03%
Ni: 8.12 ± 0.03%
Mn: 1.33 ± 0.03%
Si: 0.37 ± 0.01%
V: 0.14 ± 0.01%
P: 0.04 ± 0.01%
W: 0.02 ± 0.02%

← **START** →

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TYPICAL APPLICATIONS



Metallurgy and Scrap
Metal Sorting



Precious Metal and
Jewelry Verification



Lead Paint
Analysis



Automotive Catalyst
Testing (Pt, Pd, Rh)



Coating Thickness
Measurement



Quality Control for
Industrial Materials

TECHNICAL SPECIFICATIONS

X-ray Tube: Tungsten anode, 40 kV (optional 50 kV)

Detector: Silicon-PIN detector

Filters & Collimator: Single fixed filter & collimator

Detection Range: Cl - U

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

Ingress Protection: IP54 (dustproof and waterproof)

Connectivity: Optional Bluetooth & Wi-Fi

Choose ProSpector 2 for dependable, straightforward analysis of most elements at an affordable price point.



Speed



Lightness



Accuracy



Stability

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