

ProSpector 2

ProSpector 2 is a cost-effective handheld Energy Dispersive X-Ray Fluorescence (EDXRF) analyzer designed for fast, accurate elemental analysis in both field and laboratory environments. Its lightweight, ergonomic design and intuitive interface maximize productivity while minimizing operator training.

Powered by a 7.2 V lithium-ion battery, the ProSpector 2 provides up to 8 hours of continuous operation. Operating at up to 40 kV, it offers elemental analysis from chlorine (Cl) to uranium (U), with an optional Light Element Package extending the analytical range from magnesium (Mg) to uranium (U).

Each system includes a dedicated computer or PDA with fully integrated analytical software for data acquisition, spectral analysis, and reporting. Includes on-site installation, operator training, a comprehensive warranty, and responsive technical support for dependable long-term performance.

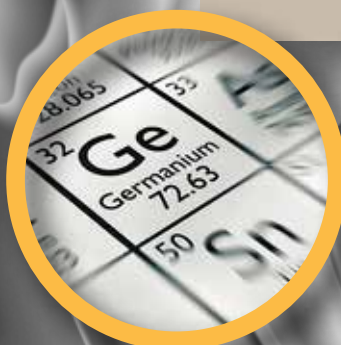


**Shock And Weather
Resistant Plastic
Outer Casing**



**Protective
Screen**

**Aluminum Alloy
Nose-Cone Casing**





Choice Of Screen Readouts



"Soft-Touch" Grip



Technical

Standard System Configuration:

- W Target Anode Standard (40kv 200uamp)
- Standard Si-Pin Diode, 165eV, 20 – 30 kcps Standard with Basic System

Light Element System Configuration:

- Rh Target Anode For Light Element Analysis (40kv, 200uamp), Optional
- Large Window SDD (30mm²), Resolution 140eV, 500kcps, Light Element System

System Electronics:

- High Resolution, 4.3" Inch Color Touch Screen
- Digital Pulse Processor based on 80 MHz DSP
- Digital Correction of Temperature And Pressure Variations
- Automatic Count-Rate Adjustment, 4096 Channels

Software/Application Options

- Basic Metals Analysis, Standard With All Systems
- Welding (With Attachment)
- Precious Metals & Dental Analysis
- Soil, Mining & Mining/Oxides
- Rohs Compliance
- Lead In Paint
- Custom Applications Are Available Upon Request

Options:

- 5-Position Filter Changer Default For Light Element System, Optional On Standard System
- Lab & Field Stand
- Weld & Wire Adapter
- Cover For Hot Objects
- Scatter Protection Screen
- Printer, Holster

