

DELTA Standard

Handheld XRF Analyzer Specifications



THE STANDARD IN HANDHELD XRF - utilizing DELTA tough construction and optimized electronics to provide a dependable, analytically advanced analyzer.

The DELTA Standard provides excellent analysis speed and throughput as well as light element analysis capabilities, housed in an industrial designed body ruggedized to any environment.

Incorporating everything you need in a handheld XRF with state-of-the art innovations and a rugged design - the DELTA Line.

DELTA Premium Handheld XRF Analyzer Specifications

WEIGHT: 3.25 lbs (<1.5kg)

DIMENSIONS: 10.25 x 9.5 x 3.5 in (260 x 240 x 90 mm)

EXCITATION SOURCE: 4W Ag or Au anode (per application) x-ray tube

DETECTOR: 10 mm² Silicon Drift Detector

ENVIRONMENTAL TEMPERATURE RANGE: -10° C to 50° C

ANALYTICAL RANGE: *Alloy and Mining*: Mg and higher; *Soil*: P and higher; *Plastics*: Cl and higher

PROCESSING ELECTRONICS: 530 MHz CPU with integrated FPU with 128M RAM; 500 MHz Dual core DSP

SMART ELECTRONICS: Accelerometer; Barometer for atmospheric pressure corrections of low Z measurements

POWER: Rechargeable Li-ion battery; Hot-swap maintains analyzer power during battery change

DISPLAY: 32bit Color QVGA resolution, Blanview transmissive backlit touchscreen; 2.25 x 2.9 in (57 x 73 mm)

DATA STORAGE: 2GB MicroSD (stores ~150,000 readings)

DATA TRANSFER: USB, Bluetooth

Standard Accessories Include

- » Waterproof Carrying Case
- » Two (2) Li-ion Batteries
- » Users Manual & Quick Start Guide
- » Docking Station
- » Mini USB Cable
- » 316 Calibration Check Reference Coin
- » Ten (10) Spare Prolene or Kapton Windows
- » DELTA PC Software
- » Factory Authorized Training & Support

Optional Accessories include

- » XRF WorkStation and Advanced PC Software for mobile benchtop use
- » Soil Foot facilitating hands-free in-situ testing
- » Soil Extension Pole offering ergonomic in-situ testing while standing / walking

Standard Warranty

Two-year - parts & labor (excludes batteries)

Specifications subject to change without notice