

DELTA Premium

Handheld XRF Analyzer Specifications

DELTA
Dynamic XRF



THE IDEAL SOLUTION for ultra quick and analytically demanding applications - the DELTA Premium handheld XRF analyzer.

The DELTA Premium's large area SDD and 4W, application optimized anode, x-ray tube combine for tremendous speed and superior light element analysis in air for maximized throughput and sensitivity for tramp element measurements.

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 Rh or Au anode (per application) x-ray tube

DETECTOR: $\geq 25 \text{ mm}^2$ 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

PRODUCT SPECIFICATIONS

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