



Olympus IMS

Olympus DELTA DS2000 XRF Handheld Metals Analyzer

Pine Item #55348

DESCRIPTION:

See and feel the DELTA difference. The analyzer is compact and robust from probe to trigger to display, with sophisticated XRF technology that's better, faster, and more responsive. From initial boot-up to the final result, the DELTA is the optimum solution for all your analytical needs. The DELTA line gives you the ultimate experience in field-portable handheld XRF analysis, providing fast measurements with accuracy, precision, detection limit, and light element measurement capabilities built into a compact single-chassis frame wrapped in robust industrial-grade body casing.

FEATURES:

- 4 W X-ray tube 200 μ A current (max) plus optimized beam settings
- Tight geometry for exceptional LODs and high analysis throughout
- Large-Area SDD option plus customized X-ray provides exceptional light element sensitivity
- Patent-pending automatic barometric pressure correction adjusts calibration as needed
- Lightning fast bootup and data acquisition: Faster testing more results
- Floating Point Processor: Provides more calculations in less time and leverages more advanced calibration algorithms
- Integrated Bluetooth for data input and output
- Ergonomic rubberized handle for enhanced grip
- Analysis indicator lights visible from 360°
- Bright responsive color touch screen display

Contact a Pine branch near you to request a quote or place an order

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Product Specifications

Excitation source	4W Au or Ta anode X-ray tube
Detector	Si-PIN Diode
Environmental temperature range	-10 °C to 50 °C (14 °F to 122 °F)
Analytical range	Alloy and Mining: Ti and higher; Soil: P and higher
Processing electronics	530 MHz CPU with integrated FPU with 128 MB RAM; Proprietary Olympus Digital Pulse Processor (DPP)
Smart electronics	Accelerometer; Barometer for atmosphere pressure correction of light elements' measurements
Power	Rechargeable Li-ion battery; Hot-swap maintains analyzer power during battery change
Display	32 bit Color QVGA resolution, Blanview transmissive backlit touchscreen; 57 × 73 mm (2.25 × 2.9 in.)
Data storage	1 GB microSD (stores ~75,000 readings)
Data transfer	USB, Bluetooth®
Dimensions	US: 3.25 lbs. Metric: 1.5 kg



Video:
<https://youtu.be/W9H-CYYK93RE>

Local Delivery Pick-up

In-Stock Equipment

Repair & Calibration

Rental Protection Plan