

# NEWSLETTER

February, 2026



## Precision XRF Analysis, Anywhere You Work

February, 2026 – The **QualiX™-2000 Series** delivers fast, non-destructive elemental analysis for both field and lab use.

The lineup includes application-focused models that support metal and alloy identification as well as ore and mineral analysis, helping teams speed up decisions while maintaining reliable results.

### Handheld Portable XRF Alloy Analyzer

#### QualiX™ 2000A



A practical choice for rapid, non-destructive alloy and metal analysis in recycling, PMI, QA, and manufacturing. It detects a wide range of elements from Mg to U, with real-time results and minimal sample preparation.

- **Testing Speed & Accuracy:** Results in as fast as one second, non-destructive, accuracy comparable to benchtop analyzers.
- **Element Detection Range:** Atomic number 12–92 (Mg to U); simultaneous analysis of 40 elements.
- **Durability & User Interface:** Rugged sealed design that is waterproof and dustproof for harsh environments. 5-inch HD rotating display with multi-touch for bright-light visibility.
- **Core Technology & Configuration:** Advanced configuration: Fast-SDD detector, miniature X-ray tube, digital signal processor, HD camera, and up to 12 filter group combinations. Optional 27,000 mAh battery for extended operation, with backup battery support for uninterrupted use.

#### Typical Applications:

Precious metal alloys, steel smelting, recycling, machinery manufacturing, boilers & pressure vessels, aerospace, and shipbuilding.

### XRF Ore & Mineral Analyzer

#### QualiX™ 2000M



Built for geochemical and mining work, including rocks, ores, and soil testing. It supports mineral exploration, mine mapping, grade control, and environmental surveys, with rugged portability and GPS capabilities for field decisions.

- **Mining Software & Intelligent Operation:** Designed for ore and mineral workflows with mining-focused software, and built-in GPS, WiFi, and Bluetooth for efficient field documentation and data management.
- **High-Speed Performance & Detection Range:** Results in as fast as one second with detection time of 1–60 seconds. Supports atomic number 12–92 (Mg to U) with simultaneous analysis of 40 elements.
- **Advanced Light-Element Detection Technology:** Ultra-near optical path eliminates the need for helium and enables reliable detection of light elements starting from Mg.
- **Comprehensive Safety System:** Features multi-layer protections and a 360° tricolor warning system for safe field operation.

#### Typical Applications:

Geological ore prospecting, multi-element detection, exploration analysis, refining slag assessment, ore distribution mapping, on-the-spot ore grading, ore processing analysis for raw ore/concentrates/tailings, environmental monitoring (heavy metals in soil).

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## Portable Handheld XRF Metal Analyzer

### QualiX™ 2000R



A practical choice for rapid, non-destructive RoHS screening in electronics QC, incoming inspection, and product compliance checks. It detects restricted elements such as Pb, Cd, Hg, Cr, and Br with fast, on-site results and minimal sample preparation.

- **Rapid RoHS Compliance Screening:** Fast, non-destructive RoHS testing with no wet chemistry or sample preparation, ideal for on-site compliance verification.
- **Targeted Hazardous Element Detection:** Specialized detection for Pb, Cd, Hg, Cr, Br, and other regulated substances, ensuring accurate RoHS screening.
- **High-Precision Measurement System:** High-performance SDD detector combined with positioning camera, multi-stage collimator, and up to 12 filter combinations for stable, repeatable results across metals, plastics, and coatings.
- **Integrated Safety & Protection System:** Built-in safety protections with status indicators and automatic safeguards for secure field operation.

#### Typical Applications:

RoHS compliance screening, electronics and electrical components QC, incoming/outgoing inspection, consumer products safety checks, packaging materials screening, recycling and WEEE sorting.

### Why Choose the QualiX™-2000 Series

If your work demands fast decisions without destructive testing, the QualiX™-2000 Series gives you a strong balance of speed, precision, and affordability for elemental analysis in the lab or in the field.

- **Application-fit lineup:** Alloy-focused and ore-focused models under one proven series.
- **Field and lab flexibility:** Designed for real workflows, from shop-floor PMI to remote geology work.
- **Trusted performance:** Qualitest highlights a practical combination of speed, precision, and affordability for elemental analysis.
- **Support ecosystem:** WorldofTest provides access to technical resources and contact support for selecting the right configuration.

### QualiTrivia

- **XRF is non-destructive** because it reads elemental signatures from fluorescent X-rays without consuming the sample.
- The analyzer identifies elements because each element **emits unique fluorescent X-ray energies** after excitation.
- XRF is widely used in **mining, recycling, and manufacturing** because it can deliver fast results that support real-time decisions.



### Ready to Advance Your Handheld XRF Testing Capabilities?

Explore the QualiX™-2000 Series Handheld Portable XRF Analyzers and find the right model for your workflow: <https://www.worldoftest.com/handheld-portable-xrf-analyzer-qualix-2000-series>. For expert guidance on selecting the right XRF analyzer for your needs, contact us at [sales@qualitest-inc.com](mailto:sales@qualitest-inc.com).

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