

 **QUAKELOGIC**

QL-TraceGuard ETD Pro

HANDHELD EXPLOSIVE TRACE DETECTION SYSTEM



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- **The QL-TraceGuard ETD Pro** is a lightweight, handheld explosive trace detection system designed for rapid screening of mail, parcels, cargo, and other suspicious items in security-sensitive environments. Utilizing advanced trace detection technology with both vapor and particulate sampling capabilities, the system delivers fast and reliable identification of a broad spectrum of military, commercial, and homemade explosive compounds. Its rugged portable design, extended battery operation, intuitive user interface, and comprehensive alarm notification system make it ideal for military, government, critical infrastructure, and public safety applications.

✓ Technical Specifications:



• Handheld Explosive Trace Detector (ETD)	
• Dual-Mode Sampling Capability:	• Non-Contact Vapor Detection and Particulate Swab Analysis
• Detection Sensitivity:	• Nanogram-Level Detection or Better
• Detection Technology:	• Advanced Trace Explosive Identification System

Technical Specifications:

- Threat Library:
 - PETN, RDX, TNT, Dynamite, Semtex, C-4, Black Powder, Ammonium Nitrate, Urea Nitrate, and Additional Military, Commercial, and Homemade Explosive Compounds

- Total System Weight (Including Battery):
 - 2.3 kg (5.1 lbs)

- Ruggedized Portable Housing

- Environmental Protection Rating:
 - IP54

- Operating Environment:
 - Continuous Operation in Standard Indoor and Office Environments (50°F to 90°F / 10°C to 32°C)

- Continuous Battery Operation:
 - Minimum 8 Hours

- Hot-Swappable Rechargeable Lithium-Ion Battery System

- Audible Threat Alarm

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- Audible Threat Alarm

- Visual Threat Alarm

- Vibration Threat Alarm



Technical Specifications:

- Integrated Color Touchscreen Display
- On-Screen User Guidance and Operational Prompts
- Integrated Training and Video Tutorial Functions
- Internal Storage Capacity: Minimum 100,000 Detection Records
- Data Export via USB
- Data Export via Wi-Fi
- Automatic Event Logging and Record Management
- Fast System Start-Up and Ready-State Operation
- Portable Carrying Case Included
- Battery Charger Included
- Calibration and Verification Accessories Included
- Operator Manual Included
- Virtual or On-Site Operator Training for Minimum Two Personnel Included
- Minimum One-Year Comprehensive Manufacturer Warranty Covering Parts and Labor
- Remote Technical Support Included
- Software Updates Included During Warranty Period



Advanced Explosive Trace Detection & Security Screening Solutions

Corporate Headquarters

QUAKELOGIC INC.
2008 Opportunity Dr. Suite 130
Roseville, CA 95678, USA

Available Monday - Friday, 9 AM -
5 PM PST

Executive Support Line

+1 (916) 899-0391

Direct support for explosive trace detection, mail and parcel screening, vapor and particulate sampling, calibration, operator training, and field security applications.

Strategic Inquiries

sales@quakelogic.net

For explosive trace detection systems, mail screening, parcel inspection, cargo security, and critical infrastructure protection applications.

Our Commitment to Advanced Explosive Trace Detection Solutions

Rapid Threat Screening

Delivering fast and reliable explosive trace detection for mail, parcels, cargo, and suspicious item screening in security-sensitive environments.

Dual-Mode Detection Performance

Providing non-contact vapor detection and particulate swab analysis with nanogram-level sensitivity for a wide range of explosive compounds.

Dedicated Operational Support

Ensuring reliable operator training, calibration support, remote technical assistance, software updates, and after-sales service for detection operations.

Scan to Explore Explosive Trace Detection & Security Screening Solutions



Explore QL-TraceGuard ETD Pro Capabilities and Security Screening Applications

Discover how QL-TraceGuard ETD Pro supports explosive trace detection, mail and parcel screening, cargo inspection, and security operations for government, military, and critical infrastructure applications.

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