



Kit Contents

Each Fire Investigation Kit includes:

- **Tiger XT / Tiger XTL** detector unit
- **Premium Carry Case**
- **Fire Investigation Accessory Kit:** Exhaust Barb, PTFE Filters (Pack of 10), Bump Test Pen
- **1m Flexi Probe**
- **USB Cable**
- **Mains Adaptor** with multiple plug adaptors
- **Quick Start Guide**
- **Warranty Registration Card**
- **Calibration Certificate**
- **Safety Notice**

Technical Specifications

Minimum Resolution

- **10.6 eV:** 1 ppb or 0.001 mg/m³
- **11.7 eV:** 0.6 ppm (600 ppb)

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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Detectable Range

- **10.6 eV:** 1 ppb up to 20,000 ppm
- **11.7 eV:** up to 9,000 ppm

Response Time

- **10.6 eV:** $T_{90} < 2$ seconds
- **11.7 eV:** < 6 seconds

Accuracy

- **10.6 eV:** $\pm 5\%$ of display reading or ± 1 digit
- **11.7 eV:** $\pm 12\%$ of display reading

Approvals & Certifications

- **ATEX / IECEX / UKEX:**
 - II 1G Ex ia IIC T4 Ga
 - Tamb = -25 °C to +45 °C (Li-ion battery pack)
 - Tamb = -25 °C to +40 °C (Alkaline battery pack)
 - IECEX ITS 22.0025X, ITS-I22ATEX35111X, ITS22UKEX0635X
- **UL / CSA Compliance:**
 - UL Std. 913, 61010-1
 - CAN/CSA Std. C22.2 No. 61010-1
- **North America:**
 - Class 1 Division 1 approval for Groups A, B, C & D, T4

Battery Life

- **Li-ion:** up to 24 hours, charge time ~ 8 hours
- **Alkaline (3 x AA):** ~ 8.5 hours typical life

Lamps

- Standard: **10.6 eV Krypton PID lamp**
- Optional: **10.0 eV** and **11.7 eV** lamps

Data Logging

- Up to **120,000 data points** with date and time stamp

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Communication

- Direct **USB 1.1 interface**

Calibration

- Supports **2-point and 3-point calibration** (via calibration kit accessory)

Alarm System

- **Visual:** Flashing LEDs (Amber – Low Alarm, Red – High Alarm)
- **Audible:** 95 dBA @ 300 mm (12")
- **Vibration:** Triggered on alarm
- Programmable **TWA (Time-Weighted Average)** and **STEL (Short-Term Exposure Limit)**

Flow Rate

- ≥ 220 ml/min
- Equipped with **blocked flow alarm**

Environmental Conditions

- **Humidity:** 0–99% RH (non-condensing)
- **Protection:** IP65-rated design

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