

The Tiger XT is a handheld VOC detector, that utilizes patented Fence Electrode Technology and anti-contamination materials to perform in even the most challenging environments. The XT is capable of accurately measuring VOCs from 1ppb to 20,000 ppm with within just two seconds - faster than any gas detection technology on the market! This advanced device also boasts a wide range of over 750 detectable chemicals; perfect for those working with hazardous materials or air quality monitoring.

FEATURES

- Robust body design to withstand harsh field environments
- Large backlit display for viewing in any light conditions
- Vibration mode when in alarm
- Integrated dual flashlight for dimly lit areas
- Clear keypad navigation for one hand operation
- Up to 24-hour continuous battery life
- IP65 for protection against weather and field conditions
- 5 Year Extended Warranty
- Full upgradeable – *add functionality as required

*The Tiger XT is fully upgradeable, allowing users to add further functionality as needed. Upgradeable feature includes PPB sensitivity.

APPLICATIONS

- Environmental Monitoring
- Soil Contamination
- Solid Waste
- Emergency Response
- Fugitive and Leak Emissions
- Fire Investigation

CALL GEOTECH TODAY (800) 833-7958

Geotech Environmental Equipment, Inc.
2650 East 40th Avenue • Denver, Colorado 80205
(303) 320-4764 • FAX (303) 322-7242
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KIT & UPGRADE OPTIONS

Tiger Kit Contains:

- Tiger XT Instrument
- Premium Carry Case
- Tiger XT Accessory Kit
- USB Cable
- Mains Adapter with Multiple Plug Adapter
- Quick Start Guide
- Warranty Registration Card
- Calibration Certificate
- Safety Notice

Tiger XT Fire Investigation Kit Adds:

- Premium Carry Case
- Fire Investigation Accessory Kit (Exhaust Barb, 10x PTFE Filters, Bump Test Pen)
- 1m Flexi Probe

Upgrade Options

The following features can be purchased either during initial sale, or via remote upgrade post-sale:

• ppb Sensitivity

Add ppb for the widest detection range available on the market:
Detect VOCs from 1 ppb to 20,000 ppm (Note: a base unit detects VOCs from 0.1 ppm to 20,000 ppm).



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SPECIFICATIONS

Lamps	10.0 eV Krypton PID lamp (standard) 10.0 eV and 11.7 eV lamps available
Data Logging*	>120,000 points including date/time stamp
Communication	Direct USB 1.1 connection
Calibration	2 and 3 point calibration (via calibration kit accessory)
Battery Life	<i>Li-ion:</i> Life up to 24 hours, charge time 8 hours <i>Alkaline:</i> 3 x AA, typically 8.5 hours life
Flow Rate	220 ml/min. (with blocked flow alarm)
Protection	Designed to IP65 (heavy rain) EMC tested to EN61326-1:2013, EN50270:2015 & CFR 47:2008 Class A
Alarm	Flashing LEDs Amber (Low alarm) Red (High Alarm) Sounder 95 dBA at 300mm (12") Vibration on alarm Pre-programmed TWA and STEL*
Intrinsically Safe Approvals	Ex II 1G Ex ia IIC T4 Ga Tamb = 5°F ≤ Ta ≤ +113°F (with lithium ion or alkaline battery pack) ITS-I22ATEX35111X IECEx ITS 22.0025X 3193491 conforms to UL Std. 913, 61010-1 Certified to CAN/CSA Std. C22.2 No. 61010-1 Class 1 Division 1. Approval for Groups A, B, C & D, T4
Minimum Sensitivity*	<i>10.6 eV</i> 1 ppb or 0.001 mg/m ³ *** <i>11.7 eV</i> 0.6 ppm (600 ppb)***
Max. Reading (Range)**	<i>10.6 eV</i> 20,000 ppm or 20,000 mg/m ³ *** <i>11.7 eV</i> 9,000 ppm***#
Accuracy*	<i>10.6 eV</i> ±5% or ±one digit*** <i>11.7 eV</i> ±12% display reading***
Response Time T90 (s)*	<i>10.6 eV</i> < 2 seconds <i>11.7 eV</i> < 6 seconds
Lamp Lifetime*	<i>10.6 eV</i> 10,000 hours <i>11.7 eV</i> ≥500 hours****
Temperature Range*	<i>10.6 eV:</i> -4°F to +140°F <i>11.7 eV:</i> 32°F to +140°F
Humidity	0-99% RH (non condensing)
Weight & Dimensions	<i>Instrument with Probe:</i> 91 W x 370 H x 60mm D <i>Instrument Weight:</i> 870g (1.91 lb.)

*Model and gas dependent.

**Maximum reading is achieved with certain analytes such as ethanol.

***Specifications are based on isobutylene calibrations at 20°C and 1000mBar.

All specifications quoted are at calibration point and under the same ambient conditions.

**** Based on continuous running.

#For indicative measurement only. Quoted accuracy achievable up to 2,000 ppm. For more accurate detection, calibration around concentration of interest is recommended.

Specifications can change without notice.