

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 1 ppb 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
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KIT & UPGRADE OPTIONS

Tiger XT Kit Contains:

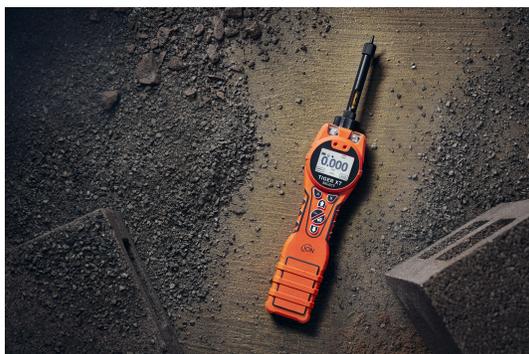
- Tiger XT Instrument and Rubber Boot
- Rechargeable Battery (Li-ion)
- Battery Charger Cradle with Mains Adapter
- PTFE Filter Discs
- Removal Tool MiniPID Stack
- PID Lamp Cleaning Kit
- USB Cable
- Quick Start Guide
- Carbon Zero Filter Assembly
- Calibration Adapter
- Lanyard
- Rugged Carry Case

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 VOC's from 1 ppb to 20,000 ppm (*Note: a base unit detects VPC's from 0.01 ppm to 20,000 ppm*)



Technical Specifications	
Lamps	10.0 eV Krypton PID lamp (standard) 10.0 eV and 11.7 eV lamps available
Data Logging *model dependent*	>120,000 points including date/time stamp Single log (push to log) Multi log (time-based log) Health & Safety Mode
Communication	Direct USB 1.1 connection
Calibration	2 and 3 point calibration (via calibration kit accessory)
Battery Life	Li-ion: Life up to 24 hours, charge time 8 hours. Alkaline: 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 battery pack) ITS-I22ATEX35111X IECEX ITS 22.0025X 3193491 conforms to UL Std. 913, 61010-1 Certified to CANCSA Std. C22.2 No. 61010-1 Class 1 Division 1. Approval for Groups A, B, C & D, T4
Minimum Sensitivity*	10.6 eV: 1 ppb or 0.001 mg/m3*** 11.7 eV: 0.6 ppm (600 ppb)***
Maximum Reading**	10.6 eV: 20,000 ppm or 20,000 mg/m3*** 11.7 eV: 9,000 ppm ***#
Accuracy	10.6 eV: ±5% or ±one digit*** 11.7 eV: ±12% display reading***
Response Time T90	10.6 eV: < 2 seconds 11.7 eV: < 6 seconds
Lamp Lifetime*	10.6 eV: 10,000 hours 11.7 eV: ≥500 hours****
Temperature Range	10.6 eV: -4°F to +140°F 11.7 eV: 32°F to +140°F
Humidity	0-99% RH (non condensing)
Weight & Dimensions	Instrument with Probe: 370 mm (H) x 91 mm (W) x 60 mm (D) Instrument Weight: 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.

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