

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
email: sales@geotechenv.com website: www.geotechenv.com

KIT & UPGRADE OPTIONS

Tiger 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	>120,000 points including datetime stamp
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/m ³ *** 11.7 eV: 0.6 ppm (600 ppb)***
Maximum Reading **	10.6 eV: 20,000 ppm or 20,000 mg/m ³ *** 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.

CALL GEOTECH TODAY

(800) 833-7958

Geotech Environmental Equipment, Inc.

2650 East 40th Avenue Denver, Colorado 80205

(303) 320-4764 FAX (303) 322 7242

email: sales@geotechenv.com website: www.geotechenv.com