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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

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KIT & UPGRADE OPTIONS

Tiger Kit Contains:

- Tiger XTL 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 date/time stamp |
| Communication | | Direct USB 1.1 connection |
| Calibration | | 2 and 3 point calibration (via calibration kit accessory) |
| Battery Life | Li-ion Alkaline | Life up to 24 hours, charge time 8 hours. 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 = $5^{\circ}F \le Ta \le +113^{\circ}F$ (with lithium ion 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 Divison 1. Approval for Groups A, B, C & D, T4 |
| Minimum Sensitivity* | 10.6 eV 11.7 eV | 1 ppb or 0.001 mg/m ³ *** 0.6 ppm (600 ppb)*** |
| Maximum Reading ** | 10.6 eV 11.7 eV | 20,000 ppm or 20,000 mg/m ³ *** 9,000 ppm ***# |
| Accuracy | 10.6 eV 11.7 eV | ±5% or ±one digit*** ±12% display reading*** |
| Response Time T90 | 10.6 eV 11.7 eV | < 2 seconds < 6 seconds |
| Lamp Lifetime* | 10.6 eV 11.7 eV | 10,000 hours ≥500 hours**** |
| Temperature Range | 10.6 eV 11.7 ev | -4°F to +140°F 32°F to +140°F |
| Humidity | | 0-99% RH (non condensing) |
| Weight & Dimensions Instrument with Probe: Instrument Weight: | | 370 mm (H) x 91 mm (W) x 60 mm (D) 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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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

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