

**TIGER XT SELECT BENZENE & TACs DETECTOR**

The Tiger XTS is a handheld Benzene and Total Aromatic Compounds (TACs) detector, that utilizes patented Fence Electrode Technology and anti-contamination materials to perform in even the most challenging environments. The XTS is capable of accurately measuring Benzene from 0.01ppm to 200ppm (tube mode) 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 in standard VOC mode; perfect for those working with hazardous materials, leak detection, or air quality monitoring.

**FEATURES**

- Robust body design to withstand harsh field environments
- Basic & Advanced Modes\*\*
- 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
- Fully Upgradeable\*

5 Year Extended Warranty

\*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 XTS Kit Contains:

- Tiger XTS Instrument
- Tiger XTS Accessory Kit
- Premium Carry Case
- Benzene Pre-Filter Inlet Probe
- Benzene Pre-Filter Tubes
- Benzene Pre-Filter Tube Opener
- USB Cable
- Mains Adapter with Multiple Plug Adapters
- Quick Start Guide
- Warranty Registration Card
- Calibration Certificate
- Safety Notice

### 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).

## SPECIFICATIONS

<b>Lamps</b>	10.0 eV Krypton PID lamp (standard)
<b>Data Logging*</b>	120,000 data log points including date and time stamp
<b>Calibration</b>	2 and 3 point calibration (via calibration kit accessory)
<b>Communication</b>	Direct USB 1.1
<b>Battery Life</b>	
<i>Li-ion:</i>	Life up to 24 hours, charge time 8 hours
<i>Alkaline:</i>	3 x AA, typically 8.5 hours life
<b>Alarm</b>	Flashing LEDs Amber (low alarm) Red (high alarm) Sounder 95 dBA at 300 mm (12") Vibration on alarm- Pre-programmed TWA and STEL*
<b>Flow Rate</b>	220 ml/min. (with blocked flow alarm)
<b>Temperature Range*</b>	
<i>Operating:</i>	-4°F to +140°F
<i>Humidity:</i>	0-99% RH (non condensing)
<b>Protection</b>	Designed to IP65 (heavy rain) EMC tested to EN61326-1:2013, EN50270:2015 & CFR 47:2008 Class A
<b>Intrinsically Safe Approvals</b>	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 CAN/CSA Std. C22.2 No. 61010-1 Class 1 Division 1. Approval for Groups A, B, C & D, T4
<b>Minimum Sensitivity (PPM Model)*</b>	Standard running mode: 0.1 ppm TAC mode: 0.01 ppm Tube mode 0.01 ppm (res. 0.001 ppm)
<b>Minimum sensitivity (PPB Model)*</b>	Standard running mode: 0.001 ppm TAC mode: 0.001 ppm Tube mode: 0.01 ppm (res. 0.001 ppm)
<b>Maximum Reading*</b>	Standard mode up to 20,000 ppm or 20,000 mg/m3* Tube mode 200 ppm or 639 mg/m3 benzene
<b>Response Time T90 (s)*</b>	130 seconds at 68°F (variable) Progressive indication of benzene breakthrough is displayed in real time
<b>Accuracy*</b>	± 10% display reading ± one digit Benzene (tube mode)
<b>Weight &amp; Dimensions</b>	370 mm (H) x 91 mm (W) x 60 mm (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.

## 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