

## THE VOC DETECTOR WITH THE WIDEST MEASUREMENT RANGE ON THE MARKET.

The Tiger handheld PID detector is equipped with revolutionary technology that gives its user the best possible performance in terms of detection and software operation capabilities.

It has an extremely wide dynamic detection range of 1ppb to 20,000ppm and an impressively quick response time of under 2 seconds. The Tiger VOC detector is preprogrammed to detect over 450 gases.

It is delivered in a travel case, ready to use straight out the box. It is very accessible as its integrated software eliminates the need for a complicated set-up procedure or programming.

### THREE UPGRADES ARE AVAILABLE FOR THE TIGER VOC DETECTOR:

#### Data logging

Up to 120,000 events with time and date stamps

#### Health and safety mode

The Health and Safety mode monitors compliance with the time-weighted averages (TWAs) and short-term exposure limits (STELs) specific to certain dangerous environments

#### Ppb detection

The widest detection range on the market: from 1 ppb to 20,000 ppm (standard range from 0.1 ppm to 20,000 ppm)

These settings can be configured from the user's own computer: the device does not have to be returned to the factory.



## TECHNICAL DATA

### SPECIFICATIONS

- Patented fence electrode technology
- Easily changeable mini-PID sensor with lamp and electrode
- Intuitive and incredibly easy to use
- No set-up procedures required
- Certified batteries that can be replaced in explosive environments
- Fully upgradable with selectable functions
- Choice of data recovery options
- Meets ATEX, IECEx and cUL standards
- Robust design with protective rubber housing
- Wireless option

### THE TIGER VOC DETECTOR IS DELIVERED WITH:

- Travel case
- Li-ion rechargeable battery
- Charger with mains adaptor
- Rubber housing
- Lanyard
- Sampling probe (60mm)
- USB stick
- Dust filter
- USB cable
- User manual

**Size:** 13.4 x 3.6 x 2.4 in. (34.0 x 9.0 x 6.0 cm) with probe

**Weight:** 1.56 lbs(0.72 kg)

**Resolution:** 1 ppb or 0.001 mg/m<sup>3</sup> (optional)

**Range:** 0-20,000 ppm or 0-20,000 mg/m<sup>3</sup>

**Accuracy:** ± 5% display reading

**Sensor type:** 10.6eV Krypton PID lamp (10.0eV and 11.7 lamp available)

**Datalogging:** 120,000 points including date and time stamp

**Alarms:** Visual (flashing LEDs), Audible (95dB) and vibrating alarms

**Flow rate:** ≥ 220 ml/min (with blocked flow alarm)

#### Operating time:

Li-ion: life up to 24 hours, charge time 6.5 hours  
Alkaline: 3 x AA, typically 8.5 hours life

**Temperature:** -4 to +140 °F (-20 to +60 °C)

**Humidity:** 0-99% RH (non condensing)

**Protection Class:** IP 65 (Heavy rain)

#### Approvals:

ATEX II 1G Ex ia IIC T4 Ga Tamb = - 15 °C ≤ Ta ≤ +45 °C (with lithium ion battery pack)  
ATEX II 1G Ex ia IIC T4 Ga Tamb = - 15 °C ≤ Ta ≤ +45 °C (with alkaline battery pack)  
IECEx ITS 10.0036X

**Warranty:** 5 years (without filter, lamp)