

# Ambi-VOC

## Portable Photoionization Detector (PID)



The Ambi-VOC total volatile organic compound (TVOC) detector is the easiest way to monitor and record PID detectable TVOCs using any PC with a Windows operating system.

Using the award-winning piD-TECH *plus* photoionization detector (PID) makes the Ambi-VOC the most reliable, accurate, and inexpensive portable TVOC detector on the market.

Designed for ease of use whether you are an air quality consultant, safety engineer, maintenance manager, or just concerned about the TVOCs in your indoor environment.

The USB compatible Ambi-VOC can operate while connected to a PC, or it can remotely store up to 36,000 sample readings with the detector's internal memory using the optional rechargeable power supply. Alarm levels are programmable with LED and/or audible notification. The Ambi-VOC is also compatible with numerous USB accessory options.

### Air Quality Analysis For:

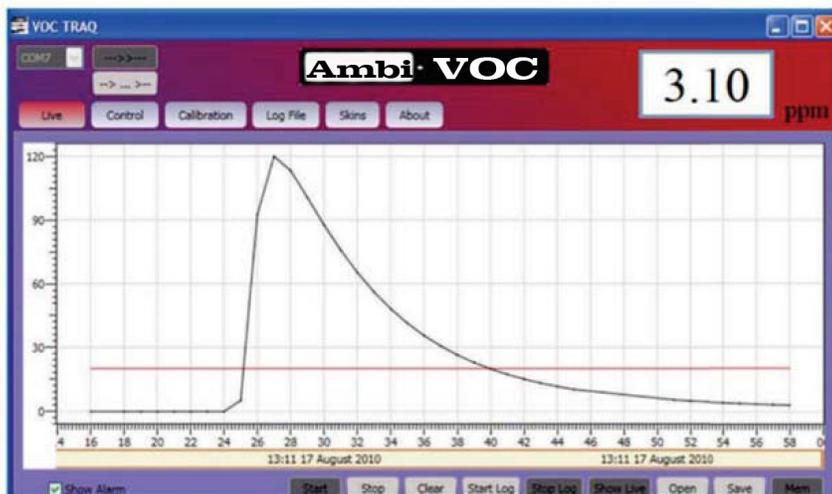
- Cleanrooms
- Educational Facilities
- Work Environments
- Public Places
- Leak Detection

### Included Accessories:

- USB Cable
- Ambi-VOC PC software

### Optional Accessories:

- Device Sstand
- Rechargeable 50 hour battery for data logging without a PC
- USB server
- Wireless USB extender



# SPECIFICATIONS

Gases Monitored:

Many volatile Organic Compounds (VOCs)  
*For general purpose use; not for use in hazardous areas*

Sensor:

piD-TECH *plus* shielded photoionization detector

Available 10.6 eV Ranges (Isobutylene):

- Part #042-963 0.01 to 20ppm
- Part #042-962 0.05 to 200ppm
- Part #042-961 0.1 to 2000ppm

Available 9.6 eV Ranges (Isobutylene):

- Part #043-209 0.25 to 1000ppm
- Part #043-208 1.25 to 10000ppm

Operating Temperature:

-4 to 104°F (-20 to 40°C)

Operating Humidity:

0 - 90% RH, non-condensing

Response Time:

T90 10 seconds typical

Accuracy:

+/- 3% of reading, w/ constant temperature and pressure

Dimensions:

1" dia x 3.6" H (2.5 cm dia x 9.1 cm H)

Weight:

1.9 oz (54 g)

Internal Memory:

2 Mb EEPROM Memory with programmable sample frequency

Output:

USB

Power:

Powered from USB (5.0 VDC, 40 mA) or power supply

Calibration:

Software controlled

Computer Requirements:

Windows XP/Vista/7 PC or equivalent via USB

