

# **DirectSense TVOC**

## **Mobile PC based PID Meter**

GrayWolf Sensing Solutions of Trumbull Connecticut and Tuamgraney, Ireland introduces a new monitoring kit for measuring Total Volatile Organic Compounds (TVOCs), along with other Indoor Air Quality (IAQ) Parameters.

The DirectSense TVOC comes with a 10.6eV PID sensor for ppb range or ppm concentration range measurement of TVOCs. Relative humidity and temperature sensors are also included. Additionally mix or match up to 3 electrochemical gas sensors from a choice of Ozone (O<sub>3</sub>), Ammonia (NH<sub>3</sub>), Nitrogen Dioxide (NO<sub>2</sub>), Nitric Oxide (NO), Sulfur Dioxide (SO<sub>2</sub>), Hydrogen Sulfide (H<sub>2</sub>S), Hydrogen Cyanide (HCN), Ethylene Oxide (EtO), Oxygen (O<sub>2</sub>), Chlorine (Cl<sub>2</sub>), Hydrogen Chloride (HCl), Hydrogen (H<sub>2</sub>), Arsine (AsH<sub>3</sub>), Carbon Monoxide (CO) and more. Added probes for Carbon Dioxide (CO<sub>2</sub>), Particle Counts, Differential Pressure and other parameters may be simultaneously monitored by the system.

On-board sensor tips for all parameters include a detailed list of 100+ compounds ionized by the PID sensors, along with common potential IAQ sources and correction factors for these compounds. Government and industry guidelines and report templates are also included. Meanwhile, end-users may add their own sensor tips, and can load their own Word, .pdf, Excel or HTML documents onto the Mobile PC for field access.

Desktop PC software is included for easy analysis and report generation of logged data. Field collected text notes; drawings and photos are auto-incorporated into reports. Available accessories include a rugged, waterproof Pocket PC case, a hard-shell case for secure long-term logging, built-in camera, portable printer, wireless keyboard and more.

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