

Ecosensors C-21 VOC Gas Sensor



Simple, Inexpensive VOC Gas Sensor

Includes Audio Alarm, Battery operation and Provision for External Alarm and Data Logger

For paint shops, printers, dry cleaners, woodworkers, vehicle repair facilities, chemical production areas and wherever indoor air quality monitoring is required: the Eco Sensors® Model C-21 gas sensor helps you comply with the new VOC air quality regulations for hydrocarbon gases and solvent vapors.

Benefits:

- Constantly monitors your work environment. Detects leaks and poor air quality before they are a health hazard. Alarms below [OSHA](#) TLV for most common solvent-based VOCs.
- No installation. Easily used and understood by non-technical personnel.
- Virtually no maintenance.

Features:

- Highly sensitive to solvent vapors and other VOCs. Bright green-yellow-red display clearly shows hazard level of gas or vapor.
- Detects down to OSHA, [EPA](#), and other regulatory-mandated levels...typically at low ppm concentrations.
- Has built-in rechargeable battery for portable use in tracking leaks.
- Rugged construction with many safety features.

Specifications:

- **Range:** Full scale = 50-100 ppm for most solvent based VOCs.
- **Bargraph display:** Green = normal. Yellow = caution. Red = danger.
- **Response time:** Within a few seconds of the VOC gas reaching the sensor.
- **Measurement principle:** HMOS (heated metal oxide semiconductor) sensor.
- **Size:** 85 x 35 x 60 mm (3.25 x 1.375 x 2.375 in)
- **Weight:** 140 gr (5 oz).
- **Power requirements:** 12 VDC at 300 mA. AC adapters available worldwide.
- **Battery:** Self-contained NiCad or NiMH. Approximately 2 hour capacity. Recharged by AC adapter overnight.

