



PORTABLE GENERAL GAS DETECTOR WITH OXYGEN (O2) DETECTION

**Telecommunications Approved*

Suits specific use in the industry as a 4 Gas Detector

Safety in the workplace is something that we all agree is important .

Most businesses have undertaken improvements to lessen the risks but now Standards have been written or amended, making workplace safety law. Detection of gases come in a variety of forms, from flammable gases in a workshop to Carbon Dioxide in the hospitality industry, they are all classed as workplace hazards.

The Peel **01/OAVB-02** is a totally portable General Gas detector with the ability to monitor Oxygen levels. The detector is an indicative unit and can be understood without any training . All alarms are both visual and audible for use in noisy areas as well as the Oxygen alarm is distinctively different to any other alarm.

Features: Model #01/OAVB-02

- Ability to hone in on minute traces of (i.e. 3 Gas),
*with a sensitivity from 40ppm Propane.
 - Flammable/Combustible Gases (see list over leaf),
 - Hydrogen Sulphide H₂S
 - Carbon Monoxide CO
- Continuous monitoring of Oxygen O₂ Level for either a Deficiency or Excess .
- Factory calibration of sensors with no need for recalibration .
- 3 metre extendable probe for hard to get at locations (for 3 gases)
- Oxygen monitoring via the two locations from within the case .
- Rechargeable NmH batteries offering a run time of up to 14 hours .
*charge time of 5 hours.
- Ease of use - Minimal training required to operate
 - Simple color coded warning lights

Supplied with :

- Fast Charger which has a 5 hour charge time.
- Leather Protection case incorporating a belt clip and shoulder strap
*Ability to lower into pits etc when using strap.
- Australian Made and Designed.
- Service and Warranty is local.

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Product Specification

Combustible Gases detected:	Some Combustible Gases Detected are: Hydrocarbons Methane, Propane, Butane, Acetylene, Petroleum, Benzene, Halogenized Hydrocarbons, Methyl Chloride, Vinyl Chloride, Trichloro Ethane, Methylene, Chloride. Toxic Gases Carbon Monoxide, Ammonia, Sulphur Dioxide, Sulphide, Hydrogen, Hydrogen Sulphide. Alcohols Methanol, Ethanol, Propanol, Iso Propanol Ethers Methyl, Ether, Ethyl Ether. Ketones, Acetone, Esters, Methyl Acetate, N-Butyl.
Oxygen levels	O2 +/- 1.5% above and below free air of ~ 21% (20.94%)
Operating temp:	+ 5 to 45 deg C - Oxygen sensors
Warm-up times:	O2 sensor instant . 3 gas section will stabilize in 45 seconds once sensitivity is set.
Alarm levels :	O2 Deficiency 19.5% RED with audio prompt and ext switch Excess 22.5% YELLOW with audio prompt and ext switch CO2 Excess 1.5% YELLOW with audio prompt and ext switch Excess 3% RED led with audio prompt and ext switch
Alarm types:	Alarms are both audible and visual instant when the set gas levels are detected . Oxygen alarm distinctively different from other warnings.
Battery run time :	min 14 hrs with 1/2 hr on low batt .
Charging time :	max 5hrs intelligent fast charger
Unit Life :	Peel standard warranties apply for the main unit. The sensors used in this instrument are backed by the manufacturer of the sensor. Oxygen sensor has a lifespan of 5 years + 3 gas sensor is a minimum of 10-20 years.

3 Gas version **Excludes Oxygen Detection**



Upgrade **Available for earlier models**

- **Includes O2 sensor , Battery and Charger**

Perfectly suited for use in: Telecommunications Industry (4 Gas), LPG Workshops, All Automotive Repair Workshops, Fuel Storage Facilities, Household & Commercial Plumbing, Safety in Confined Spaces, OHS Workplace Safety Detection.

Please Note:

Certain Applications using Peel Gas Detectors may involve potential risks of Death, Personal Injury, or severe property or environmental damage ("Critical Applications"). Peel Gas Detectors are not Authorized, or warranted to be suitable for use in Life-Support Devices or systems or other Critical Applications. Inclusion of Peel Gas Detectors is understood to be fully at the Customer's Risk.