



# GA5000 Gas Analyser



The GA5000 is a landfill and contaminated land portable gas analyser, that measures CH<sub>4</sub>, CO<sub>2</sub>, O<sub>2</sub>, H<sub>2</sub>S and CO.

A market leading quality, reliable and accurate gas analyser, used for global environmental legislation compliance. Easy to use, the GA5000 is reliable and accurate for monitoring landfill gas, waste to energy sites and site investigation.

Service support by Van Walt

## Features

- Used to measure critical gases such as % CH<sub>4</sub>, CO<sub>2</sub> and O<sub>2</sub>, H<sub>2</sub>S (up to 10000ppm), NH<sub>3</sub>, H<sub>2</sub> and CO (H<sub>2</sub> compensated).
- Internal pump and flow pod. Capable of gas analysis, pressure test and flow test
- Measure barometric pressure, relative pressure and temperature
- Simultaneous display of all gases, peak and previous readings also shown
- 3-axis compass: exact latitude, longitude and altitude ensures accuracy
- ATEX Certified – Zone 1
- Infrared and electrochemical sensors for reliable and accurate results
- Adaptable to low flow measurements
- Ease of use and calibration
- Provides traceability and trends of key gas data through its supporting software
- Available for hire and purchase

## Compatibility Options & Accessories

- Tubing:
  - GA5S Sample Tubing for GA5000
- GA5000 Filter (GA4.9)

## Applications

- Gas flaring
- Landfill gas field management
- Landfill perimeter monitoring



Dimensions	L 220mm, W 155mm, D 60mm
Weight	1.6kg
Case Material	ABS/ polypropylene with rubber over-moulding
Display	Ultra-clear high resolution 4.3" full colour TFT
Connections	Colour coded gas inlet, outlet and pressure ports. Waterproof USB port, anemometer and charger/ temperature probe connections
Gas sample filters	External user changeable 2.0µm ptfe water traps
Battery life	Typical use 8 hours from fully charged
Charge time	Approximately 4 hours from complete discharge
Response time	CH <sub>4</sub> --- ≤ 10 seconds CO <sub>2</sub> --- ≤ 10 seconds O <sub>2</sub> --- ≤ 20 seconds CO --- ≤ 30 seconds H <sub>2</sub> S --- ≤ 30 seconds H <sub>2</sub> --- ≤ 90 seconds
Alarm	User selectable alarm levels
Operating temperature range	-10°C to +50°C
Case seal	IP65