

GA2000 Landfill Gas Analyser

The industry standard GA2000 is designed to meet landfill monitoring protocols set by Government legislation. Utilised with dedicated software the GA2000 becomes an extremely powerful detection monitoring and change indicator tool.

This equipment has been certified for use in potentially explosive atmospheres in accordance with ATEX directive 94/9/EC. Equipment group and category: EX II 2 G. Protection concept: Eex ibd IIA T1 (Ta = 0 °C to +40 °C).

Features & Benefits

- ATEX certified
- 5 Gases standard
- Peak CH4 recording
- Simultaneous display of all gases
- Storage of site and ID questions
- Field proven
- Standardises monitoring routines
- Easy transfer of data
- Optional Internal flow
- Optional Event log with technician log
- Data storage 2000 readings and
- Optional GPS

Main Applications

- Landfill sites
- Biogas
- Site investigation

GPS Option

The on-board GPS option locates boreholes simply, fast and accurately. Its easy-to-read 'where-to-go' on-screen directions save time especially for technicians on different sites.

- Real time GPS tracking and location
- GPS location of borehole stored with readings
- On-site store locations
- Google Earth mapping



GA2000 & GA2000Plus

GA2000 Plus H2 Compensated CO Landfill Gas Analyser

The GA2000 Plus utilises new technology to give more reliable readings for Carbon Monoxide (CO), helping determine the presence of fires on landfill. It incorporates the existing technology and features of the industry standard GA2000.

GA2000 & GA2000 Plus Specs

CH ₄	0-70% by specification, 0-100% reading
CO ₂	0-60% by specification, 0-100% reading
O ₂	0-25%
H ₂ S	0-500ppm *H2 Compensated
CO	0-500ppm* for GA2000 Plus

Gas Accuracy

	CH ₄	CO ₂	O ₂
0-5%	±0.5%	±0.5%	±1.0%
5-15%	±1.0%	±1.0%	±1.0%
15% Full Scale	±3.0%	±3.0%	±1.0%

Relative Pressure

±500mbar (direct measurement)

Operating Temperature Range

0°C - 40°C

Relative Humidity

0-95% non-condensing

Barometric Pressure Range

± 200 mbar from calibration pressure

Barometric Pressure Activity

± 5 mbar absolute

Battery Life

Typical use 10 hours from fully charged

Charge Time

Approximately 2 hours from complete discharge

Ordering Information

GTIGA2000 GA2000 ATEX Certified Infra-red Gas Analyser - 5 Gas

Measures CH₄/CO₂/O₂/H₂S/CO.

GTIGA2K2-E000 GA2000 ATEX Certified

Infra-red Gas Analyser (no cells) - 3 Gas
Measures CH₄/CO₂/O₂.

GTIGA2K4 GA2000Plus ATEX Certified

Infra-red Gas Analyser - CO Version
Measures CH₄/CO₂/O₂/H₂S and CO
with a Hydrogen compensated CO Cell
(Hydrogen level also indicated)

GTIGA2K5 GA2000Plus ATEX Certified

Infra-red Gas Analyser NH₃ Version
Measures CH₄/CO₂/O₂/H₂S/NH₃

GTIGA2K3 GA2000Plus ATEX Certified

Infra-red Gas Analyser H₂ Version
Measures CH₄/CO₂/O₂/H₂S/H₂

GTIINTFLOWMAN Internal flow option

GTIEVENTMAN Event log option

GTIGPSKIT GPS option

GTIGAM Gas Analyser Manager
Software

GTIUSBLEAD USB Communications
Lead

ThermoFisher
SCIENTIFIC

For customer service, call 1300-735-295
Email InfoEnviroAU@thermofisher.com
Visit us online: www.thermofisher.com.au

©2010 Thermo Fisher Scientific Inc. All rights reserved. A.B.N. 52 058 390 917