



## LFG20 Plus Portable Multigas Analyser



The LFG20 permits simple and precise measurements of carbon dioxide, methane, and oxygen in a sample drawn by an internal pump at 200 ml per minute.

The rate of decomposition of organic material varies within and between sites whilst the composition of landfill gas varies with time. Consequently the LFG20 incorporates dual ranges for the carbon dioxide and methane readings.

These ranges are automatically selected according to the gas concentration in the sample and measurements are displayed digitally for each gas, together with the oxygen content.

- **Tried and tested technology with proven reliability**
- **Up to 3 gases measured simultaneously**
- **Compact Design**
- **Optional data logger with Windows setup and transfer Software**
- **Fully portable - weighing only 3 Kg**
- **Battery charger/external power supply included**
- **Self diagnostic built in**
- **On-site calibration capability**

**Experts in Gas Analysis**

Pure gas analysis  
Waste incineration  
Glass production  
Refinery processes  
Appliance testing and compliance  
Solvent incineration  
Power generation  
Paper manufacturing  
Cement production  
Food processing  
Pharmaceutical  
Natural gas  
Crematoria  
Combustion control  
Land fill gases  
Clean Development  
Mechanism (CDM)  
Wood burning boilers  
Particulate emissions

## TECHNICAL SPECIFICATION

### Carbon Dioxide and Methane IR

<b>Range:</b>	0-10, 0-100%
<b>Resolution:</b>	0-10% 0.5% 0-50% 3.0% 50-100% 5.0%
<b>Response Time:</b>	better than 15 sec's

### Oxygen Electrochemical Cell

<b>Range:</b>	0-25%
<b>Resolution:</b>	0.4%

### General

<b>Weight:</b>	3 Kg
<b>Dimensions:</b>	230 x 210 x 80 mm
Complete with carry case, charger and Calibration certificate	

### Options

Sample probe and filter trap, data logger and download software

### Data Logger

When used with the LFG20 the built in Logger, it can be set to continuous Logging of all parameters, including the event logging.  
Simple set up routines using Windows based software configure the logger to suit a wide variety of applications.

The logged data can be used to produce graphs or exported to alternate Software such as spreadsheets, with long life battery back up and USB PC Connection.



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