

# Gas Data LMSxi

Portable multi-channel environmental monitor - up to 7 gas analysis, pressures, flow rates, and temperature measurements in one unit.

Infra red Methane\*, Carbon dioxide\*, LEL\* and Hydrocarbons. Oxygen\*, atmospheric pressure\*, differential pressure, flow rate and temperature.

\*Standard channels



- Intrinsically safe to Eex ib IIB T2
- Modular design for easy upgrade
- 4 internal gas expansion points
- Serial interface allows upload of site, bore hole and historic data.
- Fully programmable pump operation
- Auto peak CH4 detection
- Auto flush function
- Multifunction data storage
- Automatic unattended data logging
- Clear easy to use operator controls

Gas Data Ltd has been a leader in the field of portable gas analysers and environmental monitors since 1993. Using the most advanced optical sensor technology, our infra red gas analysis techniques quickly deliver accurate results even under tough field conditions. Our instruments continue to offer an unbeatable combination of measurements giving our customers the best possible solution to their field monitoring requirements.



EEx ib IIB T2

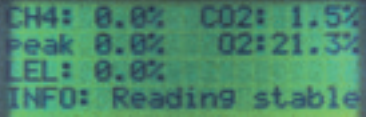
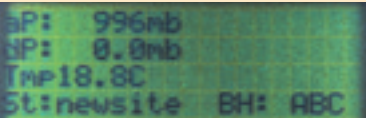
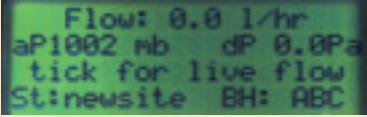
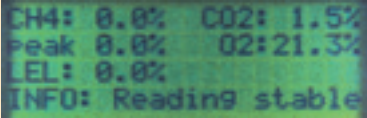
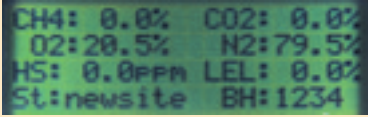
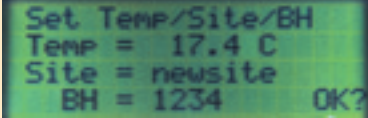
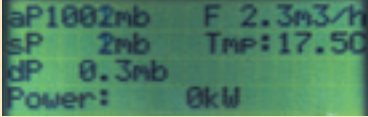
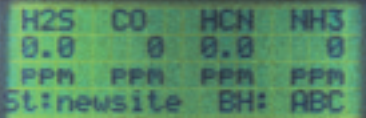
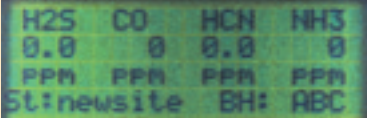


Certificate No.8374



**GAS DATA**  
Environmental Instruments

The Gas Data LMSxi offers an extremely versatile solution to the monitoring of soil gases from landfill and contaminated land. The basic unit can be expanded and upgraded to meet your requirements at any time.

The table below is a guide to possible configurations		
Landfill and Contaminated Land		Gas Extraction and energy generation schemes
Type 4 software	Type 3 software	Type 2 software
<p><b>Standard configuration</b></p>  <ul style="list-style-type: none"> <li>CH4, LEL, CO2 and Oxygen</li> </ul>  <ul style="list-style-type: none"> <li>Atmospheric pressure</li> <li>Optional differential pressure</li> <li>Optional temperature</li> </ul>	<p><b>Standard configuration</b></p>  <ul style="list-style-type: none"> <li>Low level flow (0.1 to 30 l/h)</li> <li>Low level bore hole pressure (1 to 300 Pa)</li> <li>Atmospheric pressure</li> </ul>  <ul style="list-style-type: none"> <li>CH4, LEL, CO2 and Oxygen</li> </ul>	<p><b>Standard configuration</b></p>  <ul style="list-style-type: none"> <li>Gas analysis and balance gas calculation (Assumed N2)</li> </ul>  <ul style="list-style-type: none"> <li>Bore hole specific flow device calibration and valve</li> </ul>  <ul style="list-style-type: none"> <li>Gas flow rate</li> <li>Atmospheric pressure</li> <li>Differential pressure</li> <li>Suction pressure</li> <li>Power output</li> </ul>
<p><b>Additional channels</b></p>  <ul style="list-style-type: none"> <li>Toxic gases eg H2S, CO, Cl, NO, NO2, NH3 etc</li> </ul>	<p><b>Additional channels</b></p>  <ul style="list-style-type: none"> <li>Toxic gases eg H2S, CO, Cl, NO, NO2, NH3 etc</li> </ul>	
<ul style="list-style-type: none"> <li>Upgrade to type 3 or type 2 software</li> <li>Add other gas channels, temperature and differential pressure</li> </ul>	<ul style="list-style-type: none"> <li>Add other gas channels</li> <li>Add temperature</li> </ul>	<ul style="list-style-type: none"> <li>Add other gas channels</li> </ul>

### Other Instrumentation for landfill and contaminated land from Gas Data



LMSp - fixed systems and custom installations



Bore hole Logger - Single point bore hole monitor



GF60 Bore hole flow monitor

Gas Data Limited  
 Clifford Annexe  
 44 Binley Road  
 Coventry CV3 1JT U.K.  
 Tel: +44 (0) 24 7625 2288  
 Fax: +44 (0) 24 7625 2266  
 E-mail: sales@gasdata.co.uk  
 Web: www.gasdata.co.uk

