

Gas Data LMSr Environmental Monitor

Self contained temporary datalogging equipment for gas and flow measurements

The **Gas Data LMSr** is custom built to order and designed to offer the user many channels of measurement in one single self contained package. The system is based on an electronic instrument with typically upto 20 channels of measurement, each configured to suit the range necessary for the particular application.

Power is provided ether by the internal batteries (supported by solar if necessary) or a mains supply. It is designed to be used outdoors with minimal or no weather protection.

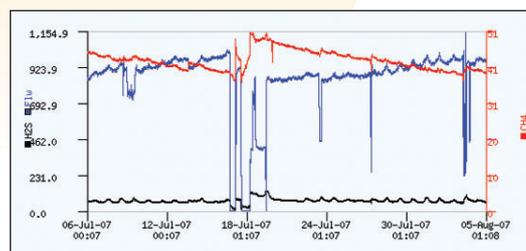
All data is remotely downloaded using **mobile phone technology** and published to a secure area of www.gasdata.net. This allows customers to generate reports and view all data online. This remote communication also allows users to enter gas alarm trigger levels and generate email and text alerts. This facility also allows Gas Data to perform maintenance checks and software updates as required and also highlights if there are any faults with the **LMSr** system.

Applications

- Remote location medium term datalogging
- Landfill gas extraction gas and flow datalogging
- Landfill gas perimeter gas and flow datalogging
- Biogas logging
- Landfill gas extraction feasibility studies
- Composting control

Features

- Methane, carbon dioxide, oxygen, carbon monoxide and hydrogen sulphide, more channels available.
- Pressure and flow measurement
- Temperature
- Gas velocity and flow using anemometer devices
- Interface to orifice plates and pitot tubes
- 4-20 mA signals from existing plant
- Telemetry using mobile phone technology
- Publishing of data to www.gasdata.net



Example of data from the Gas Data LMSr



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GAS DATA
Gas Analysis and Control

Other products available from Gas Data



GFM100 - Single and multiple gas analyser



GFM200 - Stowaway detection



GFM400 - Biogas and landfill gas analysers



GFM600 - Pressure and flow analyser



LMSp biogas/landfill monitoring systems



LMSxi - Contaminated land and landfill gas analyser



Combimass - Gas flow monitoring