

Click! System Gas Analyser

Fixed System

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Our Values

For nearly 30 years Gas Data have been designing and developing fully engineered gas analysis techniques. Our expertise is focused around generation of sustainable green energies, such as biogas. Every day, we help businesses all over

the world to deliver clean energy through our safe, reliable and scientific data analysis. We believe that the environment is our responsibility, which is why we are dedicated to empowering environmental evolution.



Click! System Features

- Sample gas from any number of sample points
- Sensors come in a variety of ranges so the best one for your application can be selected
- Based on modular technology, allowing us to create a configuration to suit your exact need
- Cater to a large variety of applications and customers all across the UK; commonly configured for biogas, biomethane or syngas





GAS DATA
empowering environmental evolution

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Click! System Technical Specification

General

Sample Point number	As many as needed
Ambient Temperature Range	-10°C to 40°C
Protection rating	IP56
Power Supply	240V AC or 24V DC
Dimensions	400x300mm to 1000x800mm
Material	GRP (Glass Reinforced Plastic) free from corrosion

Gas Measurements

Channel	Sensor	Range	Accuracy
Methane	IR	0 - 10%	± 0.1%
		0 - 100%	± 1%
Carbon Monoxide	IR	0 - 30%	± 0.3%
		0 - 10%	± 0.1%
Carbon Dioxide	IR	0 - 20%	± 0.2%
		0 - 100%	± 1%
		0 - 5%	± 0.05%
Oxygen	EC	0 - 10%	± 0.1%
		0 - 25%	± 0.25%
		0-50ppm	± 0.5 ppm
Hydrogen Sulphide	EC	0-500ppm	± 5 ppm
		0-5000ppm	± 50 ppm
		0-10000ppm	± 100 ppm
		0 - 30%	± 0.3%
Hydrogen	TC	0 - 30%	± 0.3%

Optional Specific Features

- On site installation, servicing and maintenance available for UK sites
- Innovative sample and purge system to remove moisture content in the gas
- Gas Data Portal available through addition of modem to remotely log data
- Data access available on the customer's choice of protocol - modbus, profibus, profinet, 4-20mA, and/or visual read off
- Autocalibration for frequent self-check and correction of the system without any user intervention required
- Built-in leak alarm with auto-shutdown safety feature
- Integrated orifice plate and flow meters for GCV calculation in syngas applications



Does your application call for something not mentioned here? The modular design of the Click! System allows our R&D team to design in new features. Get in touch and we would be happy to consider your needs.

Other products available



Maintenance



Handheld Instruments



Gas Flow Monitoring



ATEX Rated Systems