



EGA41

CO₂, O₂ and Humidity Analyser



Versatile, portable CO₂ Infra-Red Gas Analyser with advanced sensors for O₂ and H₂O measurement

Auto-logging to SD card.

Quality Assured

The EGA41 features an expertly fashioned, gold plated IRGA, ensuring stable, accurate and clear CO₂ readings.

Oxygen is measured by a dual, high quality electro-galvanic fuel cell. H₂O measurements are made by the latest, laser trimmed sensors.

All readings are automatically compensated for changes in atmospheric pressure and temperature.

Fit For Purpose

The EGA41 is the ideal instrument for continuous monitoring over several days:

- Power with a car battery for up to 4 days
- Auto zero calibration
- Remote, automatic logging

User Friendly

You will have the EGA41 installed and analysing in minutes. Compact and lightweight, with a carrying handle for convenient transportation.

The EGA41 has a long life sample pump, designed to give many years of service. The integral soda lime column is used to auto zero the IRGA, ensuring long-term stability of CO₂ calibration.

The 2Gb, SD memory card stores hundreds of thousands of data sets. Data appears in [.csv], compatible with Excel. Download data via the USB port or SD card.

Gas readings, flow indication, power status, date and time are all displayed on the large, LED backlit LCD screen.



EGA41 Technical Specification

CO ₂ :	0 - 2000ppm as standard Resolution: 1ppm
O ₂ :	0 - 100% Resolution: 0.1%
H ₂ O:	0-100% RH, Resolution: 1% RH
Pump flow Max.:	At least 500cc/min
Flowmeter (optional):	0 - 500cc/min
DC Voltage in:	Min. 11.5V Max. 17.5V
DC Current in:	1A Max. Replaceable fuse.
Analogue Inputs (7):	12 bit Resolution Accuracy +/- 1.5%
Atmospheric pressure range:	600-1100 mbar Accuracy -4/+2 mbar
Dimensions:	Width 287mm Depth 191mm Height 168mm
Weight:	2.7kg

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