GQM

GAS QUALITY METER

- Handles line pressures up to 10 Bar

- Inbuilt digital flow and pressure controller

- For use with both gas cylinders and piped bulk gas supplies

- Simple and easy-to-use system

- Clear readout of the monitored data

- Can be retrofitted with additional sensors

Easy and efficient gas level logging.

The GQM is a gas level measurement system that features a large, easy-to-read LCD screen. It is a simple and easy-to-use system that can be configured to measure oxygen, helium, nitrogen, carbon dioxide, moisture, and can calculate argon levels. The gas level data is logged directly to a pen stick flash drive along with the test date and time.

The GQM gas level measurement system can be used with both gas cylinders and piped bulk gas supplies. It can handle line pressures up to 10 Bar. For optimum accuracy, the GQM has an inbuilt digital flow and pressure controller.

The GQM is a rugged yet lightweight gas level measurement system that is housed in a durable plastic case. It is battery-powered for portability, but can also be powered directly from a mains supply for extended use.

The GQM is a straightforward system to use. The LCD display provides a clear readout of the monitored data, along with onscreen operational information. Desired sensors are specified at the time of ordering, but all GQM units can be retrofitted with additional sensors if required.

The GQM is a reliable and accurate gas level measurement system that is easy to use making it the perfect solution for a wide range of applications.

WHEN ACCURACY MATTERS
Design, Manufacture, Calibration & Supply

tvcalx.co.uk

General Specifications

Applications	Welding Gas Analysis
Memory	4GB Removable Flash Drive
Screen	5.7-inch Full Colour LCD
Operating Temperature	0 - 50°C
Maximum Dimensions	530 x 440 x 240mm
Weight	5Kg
Battery Type	12V 7.2 Ah Rechargeable Gel Filled Sealed Lead Acid Battery
Battery Charger	External 90-240V AC, Auto Selection

Monitored Parameters

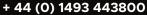| Flow	0.1 - 5L/min +/- 5% FSD
Oxygen Flow	0.0001 - 5% +/- 0.1% FSD (1 - 50000ppm)
Helium Level	0 - 100% Accuracy +/- 1%
Nitrogen Level	0 - 100% Accuracy +/- 1%
Carbon Dioxide Level	0 - 100% Accuracy +/- 1%
Moisture	0 - 3000ppmv Accuracy +/- 2%

Calculated Parameters

Argon Level	0 - 100% Accuracy +/- 3%

Full calibration certification provided, traceable to The National Physical Laboratory (NPL), UK.