

Gas Quality Monitor - GQM



The GQM features a 5.7" LCD screen for a clear view of the measured parameters. It is a simple and easy to use system which can be configured to measure Oxygen, Helium, Nitrogen Co2, moisture and can calculate Argon levels. Data-logging of the Gas levels is logged directly on to a 4GB Pen Stick Flash Drive along with the test date and time.

The GQM is housed in a rugged but lightweight plastic case. It is battery powered but can be powered directly from a mains supply

The 5.7" LCD display provides a clear readout of the monitored data together. Onscreen operation information makes the GQM a very simple and easy to use system. The required sensors are specified at the time of ordering however all GQM units can be retrofitted with additional sensors if required.



General Unit

Applications	Welding Gas Analysis
Dimensions	530 x 440 x 240mm
Screen	5.7" Colour LCD
Memory	4GB External Flash Drive
Temperature Range	0 - 50°C
Weight	5Kg
Power	Battery with external 90-260 V AC Charger

Monitored Parameters

Flow	0.1 – 5 litres/min \pm 5% fsd
Oxygen Flow	0.0001 – 5% \pm 0.1% fsd (1 -50000ppm)
Helium Level	0 – 100% Accuracy \pm 1%
Nitrogen Level	0 – 100% Accuracy \pm 1%
Carbon Dioxide Level	0 – 100% Accuracy \pm 1%
Moisture Level	0 – 3000ppmv Accuracy \pm 2%

Calculated Parameters

Argon Level	0 – 100% Accuracy \pm 3%
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The Validation Centre (TVC) Limited reserves the right to alter or change product specification without prior notice.



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