GFM2

GAS FLOW MONITOR

- Accurate and reliable flow measurement
- Reduces shielding gas wastage
- Helps to comply with welding procedures
- Peak gas flow display for gas usage analysis
- Data logging facility with three recording modes
- Versatile and accurate for a wide range of shielding gases and gas mixes

Accurate measurement of shielding gas flow

The GFM2 is a portable, battery-operated device that measures the flow of shielding gas inline.

The GFM2 can be installed inline in the gas line downstream of the regulator. It can record gas flow data for up to 24 hours on a single charge or can be operated continuously using mains power. The unit also measures gas pressure and temperature, and these variables are accounted for in the final display of gas flow.

Peashooter gas flow meters are commonly used in the welding industry, but they are subjective and can be easily misread. This can lead to significant errors in the setting of gas flow. The GFM2 is a more accurate and reliable alternative. It has an easy-to-read, illuminated colour display that gives clear indications of gas flow, even in poor light conditions. It also displays the peak gas flow for gas usage analysis. This helps to ensure that gas usage is in compliance with the welding procedure and significantly reduces shielding gas wastage.

The GFM2 is a versatile and accurate gas flow meter that can be used with a wide range of shielding gases and gas mixes. The correct gas mix can be selected from a pre-programmed list of the most popular gas mixes, or custom and special gas mixes can be factory set.

The GFM2 has a data logging facility that records flow results, surge data, temperature, and gas pressure to the unit's internal memory. Recorded data can be downloaded and imported directly into the data viewing and reporting software.

The GFM2 can be connected directly to any of the TVC range of welding data logging systems to create a permanent record of measured gas flow. This is useful for tracking gas usage over time, troubleshooting gas flow problems, and ensuring that gas usage is in compliance with welding procedures.

GFM2 Analysis

The GFM2 Analysis model is an advanced version of the GFM2 that includes additional sensors to measure and record the carbon dioxide and oxygen levels in sample gases. It also has a visual indicator that shows the user when the flow rate is in an acceptable range. The set flow rate indicator turns from red to green when the flow rate is within the acceptable range.

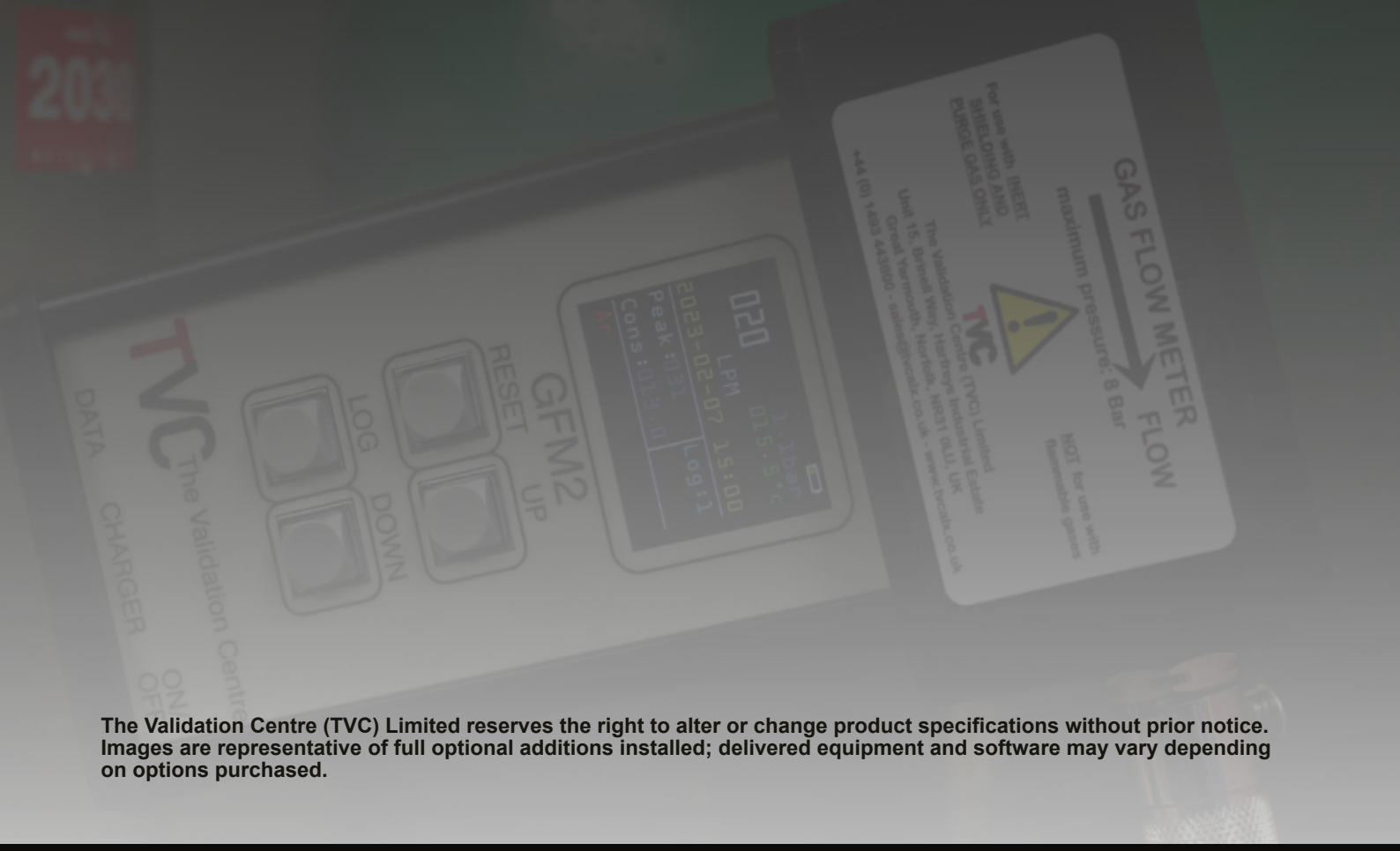
General Specifications

Applications	All Inert Welding Gases
Screen	35 x 30mm Colour LCD
Operating Temperature	0 - 50°C
Size	185 x 100 x 60mm
Weight	1.2Kg (excluding Accessories and Charger)
Battery Type	Li-Ion 7.4V 2.6Ah (19.24Wh) Rechargeable
Battery Charger	External 90 - 240V AC input, Auto Selection, 2 Hour Recharge Time

Measured Parameters

Gas Flow	5 - 100L/min +/- 5% of RDG +/- 1 Digit
Peak Flow	5 - 100L/min +/- 5% of RDG +/- 1 Digit
Pressure	Up to 8 Bar +/- 1% of RDG +/- 1 Digit
Temperature	Up to 50°C +/- 2% of RDG +/- 1 Digit

Full calibration certification provided, traceable to The National Physical Laboratory (NPL), UK.
UKAS 17025 calibration available on request.



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