

G.T.F.M. IV.

The TVC Gas Turbine Flow Meter (GTFM IV) is a stand alone gas monitoring system which can also give a readout to the TVC range of arc welding data loggers. As a stand alone unit, the GTFM is capable of measuring gas flow of all popular shielding gases and gas mixes to a high accuracy. The GTFM IV has an internal alarm to detect out of limits flow either upper or lower.



Designed for use by production or QA Departments, the GTFM IV provides many benefits.

- Upper and lower gas flow limit alarm
- Detect leaks in pipework and equipment
- Greater control of gas usage
- In line or portable units available

FEATURES INCLUDE:

- Programmable input
- Gas surge measurement
- Low cylinder level indication
- Measures flow of all popular shielding gases
- Battery powered portable unit
- Mains powered in line unit
- Certified and traceable calibration

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TECHNICAL SPECIFICATION

MEASUREMENT RANGE:	2 – 120 Litres/min
DISPLAY RESOLUTION:	+/- 1 Litre/min
ACCURACY:	+/- 1% of full scale +/- 1 digit
OPERATING PRESSURE:	50 psi max.
FAULT RELAY OUTPUT:	N.O. clean contact closure
RELAY RATING:	5.0 amps @ 120 vac (non inclusive) 1.0 amp @ 24 vdc (non inclusive)
ANALOGUE SENSOR OUTPUT:	0 – 2.55 vdc @ 10 mA
ANALOGUE SCALING:	0.01v = 1 Litre/min
POWER REQUIREMENT:	10 – 28 vdc @ 100 mA
OPERATING TEMPERATURE RANGE:	20 – 140 degrees C
BATTERY CHARGER (Portable Unit):	12 vdc @ 300 mA
BATTERY LIFE:	2 hrs with full charge

MECHANICAL SPECIFICATION

DIMENSIONS:	85mm x 45mm x 127mm
WEIGHT:	652 grams
PIPE FITTINGS:	3/8" NPT hose tails

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

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