

Gas Purge Monitor - **GPM**

The GPM features a 5.7" LCD screen for a clear view of the monitored Oxygen level.

Oxygen level can be displayed in Percent (%) or Parts Per Million (ppm) user-selectable.

The Zirconia Oxygen Sensor can measure Oxygen levels from 5% down to 0.0001% (50000 to 1ppm).

Optional inline hygrometer sensor is available for the measurement of moisture content in the purge gas from 3000ppm down to 1ppm.

Data-logging of the Oxygen level and operation time directly on to a 4GB Pen Stick Flash Drive can be programmed by the user to record at pre-set intervals.



The GPM is housed in a rugged die-cast aluminium case. Outputs are provided for optional external warning beacons, proportional output together with changeover relay contacts for clients own warning systems.

The 5.7" LCD Display provides a clear readout of the monitored data together with an on-board printout of the logged data. The proportional output can be programmed to output a DC voltage of 0 to 5V DC (0-10V DC and 4-20mA optional) over a pre-programmed oxygen level range. High/Low Alarm Limits can be programmed by the user to provide external signalling via the Alarm Outputs on the GPM.

The GPM screen will also provide clear indication of the Alarm condition. Red, when the level is above the High limit. Yellow, when the level is between the High and Low limits and Green when the level is below the low limit.

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General Unit

Applications	Welding Gas Purging
Dimensions	230 x 240 x 140mm
Screen	5.7" Colour LCD
Memory	4GB External Flash Drive
Temperature Range	0 - 50°C
Weight	3Kg
Power	External 90-260V AC

Measured Parameters

Flow	0.1 - 2 litres/min \pm 5% fsd
Oxygen Level	0.0001 - 5% \pm 0.001% fsd \pm 1 Digit
Operational Time	0 - 9999 \pm 1% fsd (seconds)

Optional Parameters

Moisture	0 - 3000ppm \pm 1.5%
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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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