

NFM3

NOZZLE FLOW METER



- Ensures consistent welding results
- Improves quality control
- Saves time and money
- Versatile and user-friendly
- Provides real-time data
- Records data for future analysis
- Easy to transfer data to a PC
- Available in two models to meet your needs

One-handed measurement of shielding gas flow.

The NFM3 is a compact, battery-powered unit that measures shielding gas flow right at the welding nozzle. This gives the welder a measurement of the actual gas flow being used, which is more accurate and can help to improve welding quality and productivity.

Traditional peashooter gas flow meters are often situated upstream away from the welding nozzle. This means that they cannot account for any gas leakage in the pipework feeding the welding nozzle, which can give inaccurate readings of the useful gas flow.

The NFM3 is a different type of gas flow meter that measures the gas flow right at the welding nozzle. This gives the welder a measurement of the actual gas flow being used, which is more accurate and helps to improve welding quality and productivity.

The NFM3 has either a fixed inlet or an extension pipe for use on robots and automated machines where the nozzle is difficult to reach.

The NFM3 is available as either a Standard or Advanced model. The Advanced model includes data logging facilities that record flow results and surge data on the device's internal memory. The recorded data can then be downloaded via a USB connection for direct import into the viewing and reporting software.



WHEN ACCURACY MATTERS

Design, Manufacture, Calibration & Supply

tvcalx.co.uk

General Specifications

Applications	All Inert Welding Gases
Screen	35 x 30mm Colour LED
Operating Temperature	0 - 50°C
Maximum Dimensions	180 x 85 x 50mm
Battery Type	Li-Ion 7.4V 2.6Ah (19.24Wh) Rechargeable
Battery Charger	External 90-240V AC, Auto Selection

Measured Parameters

Gas Flow	5 - 100L/min +/- 5% RDG +/- 1 Digit (Imperial: 0 - 212 CFH)
Peak Flow	5 - 100L/min +/-5% RDG +/- 1 Digit (Imperial: 0 - 212 CFH)

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

The Validation Centre (TVC) Limited reserves the right to alter or change product specifications without prior notice. Images are representative of full optional additions installed; delivered equipment and software may vary depending on options purchased.



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