

DM2 Digital Micromanometers

The DM2 range offers a choice of hand held medium and low-pressure digital micromanometers for fast, accurate and inexpensive pressure measurement.

Suitable for positive, negative and differential pressure they are multi scaled for high resolution readings across a wide pressure range. Fully microprocessor controlled with extensive data logging capabilities they provide both RS232 and analogue outputs and are supplied with a calibration certificate and carry case. The optional Windows® compatible software allows further interrogation and analysis of measured values.

- Inexpensive digital pressure meters
- Choice of low or medium pressure versions
- High contrast display in mbar, Kpa and Psi
- 700 reading data logging, min/max
- Hand held, easy to use.
- Battery or mains operation (optional adaptor)
- Optional Windows® software



SPECIFICATION

| PARAMETER | DM2 | DM2L |
|--------------------------|--|---|
| Pressure Range | -2000 ...0... + 2000 mbar -200.0 ...0... + 200.0 Kpa -29.0 ...0... + 29.99 Psi | -99.99 ...0... + 99.99 mbar -10.0 ...0... + 10.0 Kpa -1,450 ...0... + 1,450 Psi |
| Resolution (adjustable) | 1 or 0, 1 mbar 0, 1 or 0,01 Kpa | 0, 1 or 0,01 mbar 0, 1 or 0,001 Kpa |
| Accuracy at 20°C 1013 mb | ± 0, 5% of reading | ± 0, 5% of reading |
| Operating Temperature | 0-40°C | 0-40°C |
| Memory Size | | 700 readings |
| Digital Output | | RS232 |
| Analogue Output | | ± 1 volt (adjustable) |
| Power Supply | 1 off 9v battery 6 LR 61 A | 1 off 9v battery 6 LR 61 A |
| Battery Life | Approximately 50 hours (alkaline cell) | |
| Overall Dimensions | 150 x 80 x 30mm | |
| Weight (less battery) | 240gm | |
| Standard Accessories | Protective carrying case | |

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Airflow Developments Limited reserve the right, in the interests of continuous development, to alter specifications without prior notice. All orders are accepted subject to our conditions of sale which are available on request.



CERTIFICATE 152
BS5750 ISO9001 EN29001