

PVM100 Micromanometer

The Airflow PVM100 Micromanometer represents the latest microprocessor technology, offering an outstanding choice of time saving features at surprisingly low cost. Reading Air Velocity and Pressure direct, PVM100 combines exceptional accuracy with a high memory capability so that up to 60 measured values can be instantly stored, recalled and reviewed. Incorporating indefinite memory retention with an RS232 output as standard downloading data to a compatible PC, printer or data logger is simplicity itself.

The ergonomic casing with its safety wrist strap comfortably fits in the hand and is both functional and lightweight. On-site reading is also enhanced on the high clarity dot matrix display by adjustment of the contrast control. Together with the backlit facility, testing in very low light conditions can now be tackled with ease. Another particularly helpful feature is the turbulent flow indicator, a digital bar graph which immediately alerts the user to unstable flow conditions, an important consideration when traversing in ducts.

Windows® Compatible

Using industry standard WINDOWS® software PVM100 data can be quickly and easily configured into your spreadsheet programmes to produce charts, graphs, technical analysis and full reporting data. All the benefits of the worlds leading software are at your disposal to store, review, manipulate and print all the measured data provided by PVM100. Simply order the appropriate data comms cable.

- Ideal for HVAC, environmental safeguards, commissioning tests, process control and system balancing.
- Impressive features include averaging, 60 stage retained memory, store and recall.
- English or Metric back lit display with fast or slow response and real time or recall modes.
- Advanced digital bar graph instantly responds to warn of turbulent conditions.
- RS232 output for PC, Mini Printer and Logger.
- Use with Pitot Tubes, Flow Grids and many other Pressure Sensors.
- Unique "Self Help" calibration facility.
- Reads Air Pressure and Velocity - directly and precisely.
- Supplied in a protective case
- Optional "hands free" neck strap and cradle

ACCESSORIES

- APU10 Mini Printer
- Manometer Accessory Kit
- Pitot Static Tubes (Various Lengths)
- Telescopic Pitot Static Tube
- PC Comms cables for windows® interface
- Neck strap and cradle

AIRFLOW™

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BEST SELLER



SPECIFICATION

| PARAMETER | METRIC MODE | IMPERIAL MODE |
|-----------------------|--|------------------------|
| Velocity Range | 2.8 - 76 m/sec | 550 - 15000 ft/min |
| Pressure Range | 0 - 3500 Pa | 0 - 14 in wg |
| Pressure Resolution | 1 Pa | 0.001 in wg |
| Accuracy @ 20°C | Better than ± 1% of Reading ± 1 Digit | |
| Maximum Overload | 17.5 kPa | 70 in wg |
| Operating Temperature | - 5° to + 50°C | 23° to 122°F |
| Memory Size | 60 Concurrent Velocity or Pressure Readings | |
| Output | RS 232 Interface | |
| Storage Temperature | - 10° to +50°C | 14° to 122°F |
| Power Supply | 4 x 1.5 volt AA Cells (Rechargeable, Alkaline or Zinc Carbon). | |
| Battery Life | Approximately 35 hours using Alkaline Cells | |
| Overall Dimensions | 185 x 92 x 30 mm | 7.28 x 3.62 x 1.18 ins |
| Weight (Less Battery) | 290 gms | 10.3 oz |
| Standard Accessories | Durable Carrying Case RS232 Connector Plug PVC Tube and Adaptors | |



Optional telescopic pitot static tube