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**
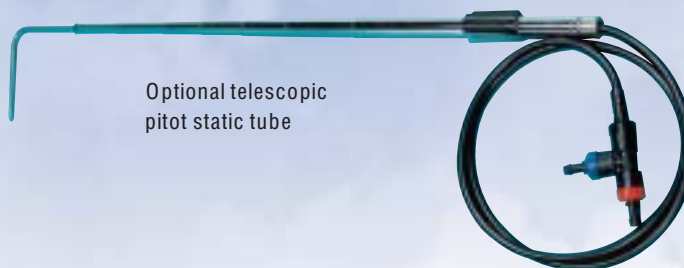- **Optional "hands free" neck strap and cradle**

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

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

AIRFLOW™