

PVM 610



Features and Benefits:

- Measure differential and static pressure from -3735 to +3735 Pa (-15 to +15 inH₂O)
- Calculate and display velocity when using a Pitot Tube

Airflow PVM 610 is an easy to use, handheld digital Micromanometer.

It can also calculate velocity.

Applications:

- HVAC commissioning and troubleshooting
- Testing and balancing
- Pitot Tube duct traverses
- Static pressure measurements
- Environmental airflow testing

Specifications:

		Metric Mode	Imperial Mode
Static / Differential Pressure	Range ¹	-28.0 to +28.0 mmHg -3735 to +3735 Pa	-15 to +15 inH ₂ O
	Resolution	0.01 mmHg 1 Pa	0.001 inH ₂ O
	Accuracy	± 1% of reading ± 0.001 mmHg ± 1% of reading ± 1 Pa	± 1% of reading ± 0.005 inH ₂ O
Velocity from a Pitot Tube	Range ²	1.27 to 78.7 m/sec	250 to 15,500 ft/min
	Resolution	0.1 m/sec	1 ft/min
	Accuracy ³	± 1.5% at 10.16 m/sec	± 1.5% at 2,000 ft/min
Duct Size		1 to 635 cm In increments of 0.1 cm	1 to 250 in. In increments of 0.1 in.
	Volumetric Flow Rate	Actual range is a function of velocity, pressure, duct size and K factor	
Operating Temperature Range		5 to 45°C	40 to 113°F
Storage Temperature Range		-20 to 60°C	-4 to 140°F
External Meter Dimensions		8.4 x 17.8 x 4.4 cm	3.3 x 7.0 x 1.8 in.
Weight (with batteries)		0.27 kg	0.6 lbs
Power Requirements		Four AA size batteries	



Associated Instrument Repairs

Unit 11, Top Angel, Buckingham Industrial Park
Buckingham, England. MK18 1TH
Tel / Fax +44 (0)1280 817122
www.a-i-r.co.uk email air@ttseries.com

¹Overpressure range = 7 psi (190 inH₂O, 360 mmHg, 48 kPa)

²Pressure velocity measurements not recommended below 1,000 ft/min (5 m/sec)

³Accuracy is a function of converting pressure to velocity. Conversion accuracy improves when actual pressure values increase