

dpm Test Set

Pressure	Velocity
± 0.06 Pa to 7.50 KPa ± 0.000 to 30.00 inH ₂ O	0.27 to 90.0 m/sec 53 to 17730 ft/min

dpm Ane™:



dpm - i Pitot Tube:



Ellipsoidal Pitot Tube:



Features:

- Fits into one handheld case
- Utilises fundamental principles
- No moving parts or electronic sensors on sensing probes
- One Micromanometer operates all sensing probes

The TT 570 Standard and TT 550 High Res Micromanometers with their unique differential capacitance transducers and programmable auto zero facility store up to three Pitot Tube factors, up to four duct settings and a maximum of 2500 readings.

Readings can be downloaded to PC in basic format with optional download software.

Weighing 555 g, measuring 45 x 92 x 185 mm and powered by a single battery; the TT 570 Standard and TT 550 High Res Micromanometers are ideal for the modern engineer.

The 100 mm (4 in) dpm Ane™ head weighs 133 g (4.7 oz) and contains no sensing electronics and no moving parts.

It features an array of calibrated forward and reverse facing sensors around a central hub and utilises fundamental principles for the accurate measurement of pressure and conversion to velocity.

dpm-i Pitot Tubes give access to velocity measurements where a standard Pitot Tube cannot be used. They can replace thermally heated instruments, where power requirements are high.



Standard Accessories:

- 2 x 6 mm Tubing Adaptors (2)
- 3 m x 2 mm Bore Flexible Tubing (2)
- 300 x 10 mm Stainless Steel Poles (3)
- Calibration Certificate
- dpm Ane™
- Rubber Holster
- TT Series Micromanometer
- Ane Handle
- Foam Divider
- Instruction Manual
- Knuckle Adaptor

• Neck Sling

Optional Extras

- dpm Ellipsoidal Pitot Tube
- dpm-i Straight Pitot Tube
- Download Software

TT 550 Series Micromanometers:

	550	550 S	550 M	550 A	550 B	550 C	550 D	
	●	●		●		●	●	Range / Resolution in High Sensitivity Setting:
	●		●			●	●	Pressure:
	●			●		●	●	Pa ± 0.06 to 99.99 ± 100.0 to 999.9 ± 1000 to 5000
	●		●			●	●	mmH ₂ O ± 0.004 to 9.999 ± 10.00 to 99.99 ± 100.0 to 510.0
	●			●		●	●	inH ₂ O ± 0.000 to 9.999 ± 10.00 to 20.00
	●				●	●	●	mbar ± 0.000 to 9.999 ± 10.00 to 50.00
		●	●		●			Velocity : Ellipsoidal dpm-i dpm Ane™
				●				m/sec 2.00 to 90.0 0.27 to 30.0 0.27 to 25.0
					●			ft/min 394 to 17730 53 to 5905 53 to 4921

TT 570 V Series Micromanometers:

	570	570 SV	570 MV	570 AV	570 BV	570 CV	570 DV	
	●	●				●	●	Range / Resolution:
	●		●			●	●	Pressure:
	●			●		●	●	KPa ± 0 to 99.9 Pa ± 100 to 999 Pa ± 1.00 to 7.50 KPa
	●		●			●	●	mmH ₂ O ± 0 to 0.999 ± 1.00 to 9.99 ± 10.0 to 99.9 ± 100 to 750
	●			●		●	●	inH ₂ O ± 0 to 9.999 ± 1.00 to 9.99 ± 10.0 to 30.0
	●				●	●	●	mbar ± 0 to 0.999 ± 1.00 to 9.99 ± 10.0 to 75.0
		●	●		●	●		Velocity : Ellipsoidal dpm-i dpm Ane™
				●				m/sec 2.00 to 90.0 0.70 to 30.0 0.70 to 25.0
					●		●	ft/min 394 to 17730 138 to 5905 138 to 4921

Accuracy:

Pressure at 20°C, Velocity with Ellipsoidal Pitot Tube at 16°C, 1000 mbar:

Readings < 100 counts ± 2 counts.

Readings > 100 counts ± 1% of reading ± 1 count

Velocity with dpm - i Pitot Tube at 16°C, 1000 mbar:

± 3% of reading or ± 0.05 m/sec (10 ft/min) ± 1 count. Whichever is greater

Velocity with dpm Ane™ at 16°C, 1000 mbar:

Readings up to 8 m/sec (1575 ft/min) ± 1% of reading ± 0.03 m/sec

Readings from 8 to 25 m/sec (1575 to 4921 ft/min)

± 1 m/sec (197 ft/min)



In the interest of continuous product development and improvement DP Measurement reserve the right to amend specifications and discontinue models, features and colours of the TT Series and dpm Ane™ at any time without prior notice.

Manufactured in UK

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