

# New Micromanometer

## Handheld Micromanometer MP200

### Multi-function Micromanometer

Handheld Micromanometer MP200 is an ideal tool for pressure and airflow measurements. It is compatible with pitot tube and flow grids. It simultaneously measures and displays pressure, air velocity, and flow rate.

### Features & Benefits

- Simultaneously measures and displays pressure, air velocity, and airflow
- Store up to 8000 measurements
- Optional data processing software is available for data transfer

### Applications

- HVAC Testing
- Critical Environment Certification
- HEPA Filter Performance Testing
- Manufacturing Process Control



Pitot tube sold separately

#### Micromanometer MP200 Specifications

Pressure Measurement		
<b>Range</b>	-500 to 500 Pa -2500 to 2500 Pa -10000 to 10000 Pa	<b>Accuracy</b> 0.2% of reading +/- 0.8 Pa (+/- 100 Pa) 0.2% of reading +/- 1.5 Pa (beyond +/- 100 Pa) 0.2% of reading +/- 2 Pa 0.2% of reading +/- 10 Pa
<b>Units</b>	Pa, mmH2O, In WG, mbar, hPa, mmHg, DaPa, kPa	
Air Velocity Measurement (with Pitot tube)		
<b>Range</b>	2 to 5 m/s 5.1 to 10 m/s	<b>Accuracy</b> +/- 0.3 m/s 0.5% of reading +/- 0.2 m/s
<b>Units</b>	m/s, ft/min, Km/h, m/h	
Airflow Measurement (with Pitot tube)		
<b>Range</b>	0 to 99999 m3/h	<b>Accuracy</b> 0.2% of reading +/- 1% PE
<b>Units</b>	m3/h, cf/min, l/s, m3/s	
<b>PC Interface</b>	USB or RF	
<b>Datalogging</b>	Data storage up to 8000 measurements (PC communication with optional data processing software)	
<b>Power Supply</b>	4 x AA batteries or AC adapter	
<b>Weight</b>	0.7 lbs	

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# Pitot Static Tube

## Stainless Steel Construction Pitot Tubes

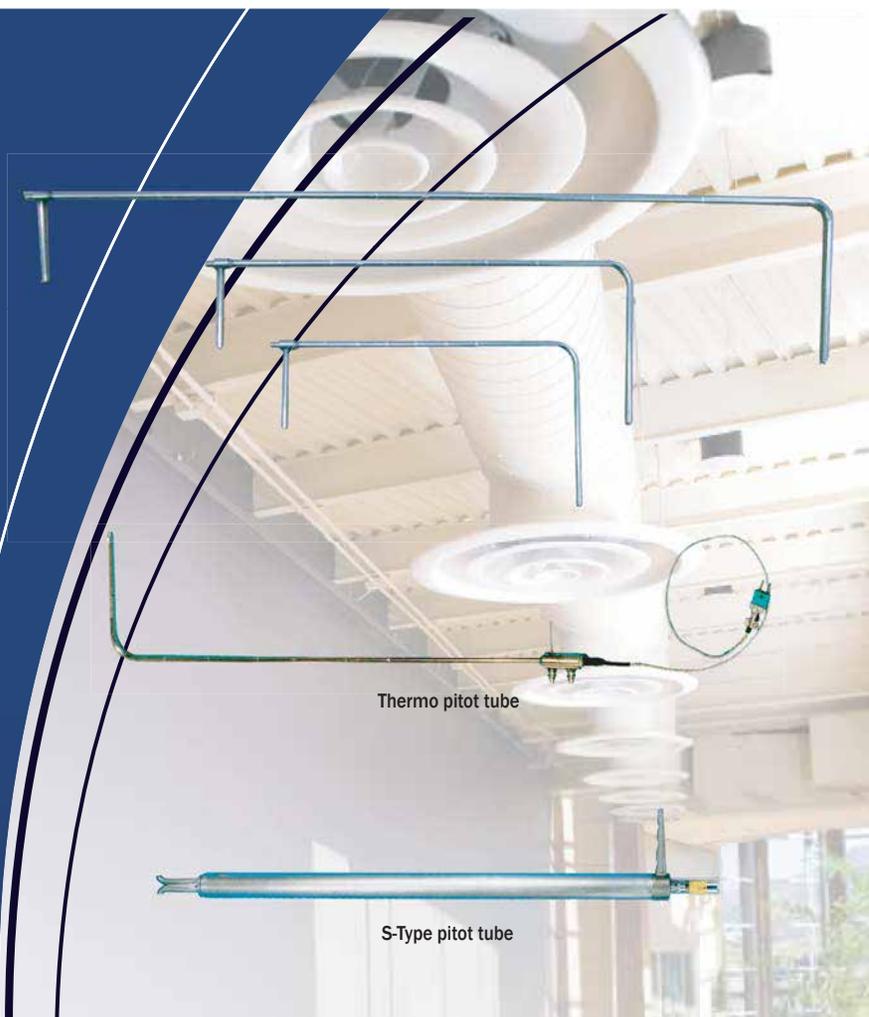
The unique ellipsoidal nose form results in exceptional accuracy, insensitivity to errors in alignment and elimination of the need for calibration curves. Constructed from stainless steel, tubes can be as small as 2.3 mm in diameter yet scaled up to 4 m in length.

### Features & Benefits

- Totally compatible with manometers, pressure gauges and pressure transmitters
- Ideal for measurement of air velocity in hostile environments
- Integral thermocouple for combined pressure and temperature sensing
- Can be used in permanent position when fitted with gland
- S-Type for limited access and adverse conditions



\*Micromanometer is available from Kanomax.



### Pitot Tube Specifications

#### Easy Fit Ellipsoidal Pitot Tube

Overall Length (m)	0.2	0.3	0.3	0.5	0.5	0.75	0.75	1.0	1.0	1.25	1.25
Tube Diameter (mm)	4	4	4	8	8	8	8	8	8	9.5	9.5
Head Diameter (mm)	2.3	4	4	8	8	8	8	8	8	9.5	9.5
Gland (inch)			1/4"		3/8"		3/8"		3/8"		1/2"

#### Classic Ellipsoidal Pitot Tube

Overall Length (m)	1.83	2.13	2.44	2.74	1.0	1.22	1.52	1.83
Tube Diameter (mm)	12.7	19	19	19	8	9.5	9.5	12.7
Head Diameter (mm)	9.5	9.5	9.5	9.5	8	9.5	9.5	9.5
Gland (inch)					3/8"	1/2"	1/2"	1/2"

#### Pitot with K-Type Thermocouple

Overall Length (m)	0.3	1.0
Tube Diameter (mm)	4	8
Head Diameter (mm)	4	8

#### S-Type Pitot Tube

Overall Length (m)	0.7	1.2	2.2	3.2
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