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Fluke 922
Airflow Meter/ Micromanometer

Technical Data

Today's HVAC technicians need a simple solution for diagnosing ventilation issues. The Fluke 922 makes airflow measurements easy by combining pressure, air flow, and velocity into a single, rugged meter. Compatible with most pitot tubes, the Fluke 922 allows technicians to conveniently enter their duct shape and dimensions for maximum measurement accuracy.

The Fluke 922 Airflow Meter helps you:

- Monitor air pressure across key HVAC components
- Ensure proper air flow balance
- Promote good indoor air quality
- Maintain a comfortable environment

Use the Fluke 922 to:

- Measure pressure drops across filters and coils
- Match ventilation to occupant loads
- Monitor indoor vs. outdoor pressure relationships and manage the building envelope
- Perform duct traversals for accurate airflow readings

Features:

- Powerful meter provides differential and static pressure, air velocity and flow readings
- Rugged design built for field use
- Easy to use without sacrificing performance
- User-defined duct shape and size for maximum airflow accuracy
- Convenient colored hoses help you properly diagnose pressure readings
- Bright, backlit display for clear viewing in all environments
- Min/Max/Average/Hold functions for easy data analysis
- Auto power off saves battery life

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Fluke 922 Airflow Meter Specifications

Feature	Range	Resolution	Accuracy
Operating Specifications			
Air Pressure	± 4000 Pascals ± 16 in H_2O ± 400 mm H_2O ± 40 mbar ± 0.6 PSI	1 Pascal 0.001 in H_2O 0.1 mm H_2O 0.01 mbar 0.0001 PSI	± 1 % + 1 Pascal ± 1 % + 0.01 in H_2O ± 1 % + 0.1 mm H_2O ± 1 % + 0.01 mbar ± 1 % + 0.0001 PSI
Air Velocity	250 to 16,000 fpm 1 to 80 m/s	1 fpm 0.001 m/s	± 2.5 % of reading at 2000 fpm (10.00 m/s)
Air Flow (Volume)	0 to 99,999 cfm 0 to 99,999 m3/hr 0 to 99,999 l/s	1 cfm 1 m3/hr 1 l/s	Accuracy is a function of velocity and duct size
Temperature	0 °C to 50 °C 32 °F to 122 °F	0.1 °C 0.1 °F	± 1 % + 2 °C ± 1 % + 4 °F
General Specifications			
Operating Temperature	0 °C to +50 °C (+32 °F to +122 °F)		
Storage Temperature	-40 °C to +60 °C (-40 °F to +140 °F)		
Operating Relative Humidity	0 % to 90 %, non-condensing		
IP Rating	IP40		
Operating Altitude	2000 m		
Storage Altitude	12000 m		
EMI, RFI, EMC	Meets requirements for EN61326-1		
Vibration	MIL-PREF-28800F, Class 3		
Max Pressure at Each Port	10 PSI		
Data Storage	99 readings		
Warranty	2 years		
Power	Four AA batteries		
Typical Battery Life	375 hours without backlight, 80 hours with backlight		

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Fluke 922 comes complete with the following:
Fluke 922 Airflow Meter, Two Rubber Hoses, Wrist Strap, Four AA Batteries 1.5 V Alkaline, Users Manual and Soft Carrying Case

Fluke 922/Kit comes complete with the following:
Fluke 922 Airflow Meter, 12 in. pitot tube, ToolPak™, Two Rubber Hoses, Wrist Strap, Four AA Batteries 1.5 V Alkaline, Users Manual and Hard Carrying Case

Ordering Information

Fluke-922	Airflow Meter
Fluke-922/Kit	Airflow Meter with 12 in Pitot Tube
PT12	Pitot Tube, 12 in

Optional accessories

PT12
Pitot Tube, 12 in

TPAK
ToolPak™

Fluke. *Keeping your world up and running.®*

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Specifications subject to change without notice

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