

# 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



## Fluke 922 Airflow Meter Specifications

Feature	Range	Resolution	Accuracy
<b>Operating Specifications</b>			
Air Pressure	± 4000 Pascals ± 16 in H <sub>2</sub> O ± 400 mm H <sub>2</sub> O ± 40 mbar ± 0.6 PSI	1 Pascal 0.001 in H <sub>2</sub> O 0.1 mm H <sub>2</sub> O 0.01 mbar 0.0001 PSI	± 1 % + 1 Pascal ± 1 % + 0.01 in H <sub>2</sub> O ± 1 % + 0.1 mm H <sub>2</sub> O ± 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 m <sup>3</sup> /hr 0 to 99,999 l/s	1 cfm 1 m <sup>3</sup> /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
<b>General Specifications</b>			
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		



### Optional accessories



**PT12**  
Pitot Tube, 12 in



**TPAK**  
ToolPak™



### 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

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