

# FLUKE®

# 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>			
<b>Air Pressure</b>	± 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
<b>Air Velocity</b>	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)
<b>Air Flow (Volume)</b>	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
<b>Temperature</b>	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>			
<b>Operating Temperature</b>	0 °C to +50 °C (+32 °F to +122 °F)		
<b>Storage Temperature</b>	-40 °C to +60 °C (-40 °F to +140 °F)		
<b>Operating Relative Humidity</b>	0 % to 90 %, non-condensing		
<b>IP Rating</b>	IP40		
<b>Operating Altitude</b>	2000 m		
<b>Storage Altitude</b>	12000 m		
<b>EML, RFI, EMC</b>	Meets requirements for EN61326-1		
<b>Vibration</b>	MIL-PREF-28800F, Class 3		
<b>Max Pressure at Each Port</b>	10 PSI		
<b>Data Storage</b>	99 readings		
<b>Warranty</b>	2 years		
<b>Power</b>	Four AA batteries		
<b>Typical Battery Life</b>	375 hours without backlight, 80 hours with backlight		



**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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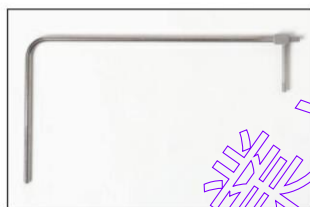
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**Optional accessories**



**PT12**  
Pitot Tube, 12 in



**TPAK**  
ToolPak™

