

922 Airflow Meter



Fluke 922

Measures pressure, air flow and velocity for maintaining balanced and comfortable ventilation

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.

- Provides differential and static pressure, air velocity and flow readings
- 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

Use the Fluke 922 to: Ensure proper air flow balance and maintain a comfortable environment; measure pressure drops across filters and coils; match ventilation to occupant loads; monitor indoor vs. outdoor pressure relationships and manage the building envelope; and perform duct traversals for accurate airflow readings.

Specifications

(Check the Fluke web for detailed specifications)

Feature	Range	Resolution	Accuracy
Operating Specifications			
Air Pressure	± 4000 Pascals ± 16 in H ₂ O ± 400 mm H ₂ O ± 40 mbar ± 0.6 PSI	1 Pascal 0.001 in H ₂ O 0.1 mm H ₂ O 0.01 mbar 0.0001 PSI	± 1% +1 Pascal ± 1% + 0.01 in H ₂ O ± 1% + 0.1 mm H ₂ 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 10 m/s (2000 p/min)
Air Flow (Volume)	0 to 99,999 cfm 0 to 99,999 m ³ /hr 0 to 99,999 l/s	1 cfm 1 m ³ /hr 1 l/s	Accuracy is a function of velocity and duct size
Temperature	0 °C to 50 °C	0.1°C	± 1 % + 2 °C

General Specifications

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Operating Temperature	0 °C to +50 °C
Storage Temperature	-40 °C to +60 °C
Operating Relative Humidity	Non condensing (<10 °C) 90% RH (10 °C to 30 °C) 75% RH (30 °C to 40 °C) 45% RH (40 °C to 50 °C) Without Condensation
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

Size (HxWxD): 175 mm x 77.5 mm x 41.9 mm

Weight: 0.64 kg

Battery: Four AA batteries

Battery Life: 375 hours without backlight,
80 hours with backlight

Two Year Warranty



Fluke 922/Kit

Included Accessories

Fluke 922: Two Rubber Hoses, Wrist Strap, Four AA Batteries 1.5 V Alkaline, Users Manual and Soft Carrying Case

Fluke 922 Kit Includes: Fluke 922 Airflow Meter, 30.48 cm 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	Air Flow Meter
Fluke 922/Kit	Airflow Meter with 30.48 cm Pitot Tube

Recommended Accessories



PT12
Pitot Tube, 30.48 cm



TPAK
Toolpak
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