

FLUKE®

Fluke 922 Airflow Meter

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



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

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

The Fluke 922 makes airflow measurement easy by combining pressure, air flow, an 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.

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 reading.

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

Specification

(Check the Fluke web for detailed specifications)

Feature	Range	Resolution	Accuracy
Operating Specification			
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 Specification

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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-PRF-28800F, Class 3
Max Pressure at Each Port	10 PSI

Data Storage: 99 readings
 Size (HxWxD): 17.5 cm x 7.75 cm x 4.19 cm
 Weight: 0.64 kg
 Battery: Four AA batteries
 Battery Life: 375 hours without backlight,
 80 hours with backlight
 Two Year Warranty



Fluke 922/Kit



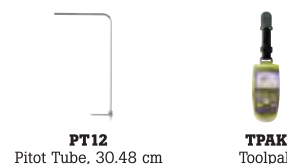
Included Accessories

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