

# 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
<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 10 m/s (2000 p/min)
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	0.1°C	± 1 % + 2 °C



## General Specifications

<b>General specifications</b>	
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

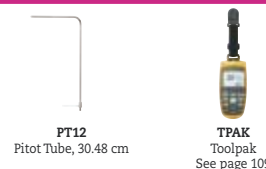
**Data Storage:** 99 readings  
**Size (HxWxD):** 175 x 775 x 419 mm  
**Weight:** 0.64 kg  
**Battery:** Four AA batteries  
**Battery Life:** 375 hours without backlight, 80 hours with backlight

**Two Year Warranty**



Fluke 922/Kit

## Recommended Accessories



PT12 Pitot Tube, 30.48 cm

TPAK Toolpak See page 109

## 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



宇宏企業股份有限公司 RADIOTEK CORPORATION

台北縣三重市重新路五段609巷16號6樓之1

TEL: 02-22782269 FAX: 02-22782059

Home page : [www.radiotek.com.tw](http://www.radiotek.com.tw)

E-mail : [salesmag1@rdmail.com.tw](mailto:salesmag1@rdmail.com.tw)