

FLUKE®

Fluke 922 Airflow Meter

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



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

Fluke Europe B.V.
P.O. Box 1186
5602 BD Eindhoven
Science Park Eindhoven 5110
5692 EC Son
The Netherlands
Tel: +31 (0)40-2675 200
Fax: +31 (0)40-2675 222

Web: www.fluke.eu

Fluke (UK) Ltd.
52 Hurricane Way
Norwich
Norfolk
NR6 6JB
United Kingdom
Tel: (020) 7942 0700
Fax: (020) 7942 0701
E-mail: industrial@uk.fluke.nl

Web: www.fluke.co.uk

© 2007 Fluke Corporation. All rights reserved.
Printed in the Netherlands. 02/07.
Data subject to change without notice.

Pub_ID: 11215-eng

Fluke 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.

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.

- 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

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

| General Specifications | |
|-------------------------------|---|
| 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 |
| EML 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): 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

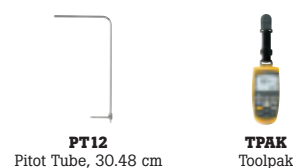
Fluke 922: Two Rubber Hoses, Wrist Strap, Four AA Batteries 1.5 V Alkaline, Users Manual and Soft Carrying Case

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