Fluke 922
Airflow Meter/
Micromanometer

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

### Operating Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Range</th>
<th>Resolution</th>
<th>Accuracy</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Air Pressure</strong></td>
<td>± 4000 Pascal</td>
<td>1 Pascal</td>
<td>± 1 % + 1 Pascal</td>
</tr>
<tr>
<td></td>
<td>± 16 in H₂O</td>
<td>0.001 in H₂O</td>
<td>± 1 % + 0.01 in H₂O</td>
</tr>
<tr>
<td></td>
<td>± 400 mm H₂O</td>
<td>0.1 mm H₂O</td>
<td>± 1 % + 0.1 mm H₂O</td>
</tr>
<tr>
<td></td>
<td>± 40 mbar</td>
<td>0.01 mbar</td>
<td>± 1 % + 0.01 mbar</td>
</tr>
<tr>
<td></td>
<td>± 0.6 PSI</td>
<td>0.0001 PSI</td>
<td>± 1 % + 0.0001 PSI</td>
</tr>
<tr>
<td><strong>Air Velocity</strong></td>
<td>250 to 16,000 fpm</td>
<td>1 fpm</td>
<td>± 2.5 % of reading at</td>
</tr>
<tr>
<td></td>
<td>1 to 80 m/s</td>
<td>0.001 m/s</td>
<td>2000 fpm (10.00 m/s)</td>
</tr>
<tr>
<td><strong>Air Flow (Volume)</strong></td>
<td>0 to 99,999 cfm/hr</td>
<td>1 cfm</td>
<td>Accuracy is a</td>
</tr>
<tr>
<td></td>
<td>0 to 99,999 m³/hr</td>
<td>1 m³/hr</td>
<td>function of velocity</td>
</tr>
<tr>
<td></td>
<td>0 to 99,999 l/s</td>
<td>1 l/s</td>
<td>and duct size</td>
</tr>
<tr>
<td><strong>Temperature</strong></td>
<td>0 °C to 50 °C</td>
<td>0.1 °C</td>
<td>± 1 % + 2 °C</td>
</tr>
<tr>
<td></td>
<td>32 °F to 122 °F</td>
<td>0.1 °F</td>
<td>± 1 % + 4 °F</td>
</tr>
</tbody>
</table>

### General Specifications

- **Operating Temperature**: 0 °C to +50 °C (+32 °F to +122 °F)
- **Storage Temperature**: -40 °C to +60 °C (-40 °F to +140 °F)
- **Operating Relative Humidity**: 0 % to 90 %, non-condensing
- **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
- **Warranty**: 2 years
- **Power**: Four AA batteries
- **Typical Battery Life**: 375 hours without backlight, 80 hours with backlight

### Optional accessories

- **PT12**: Pitot Tube, 12 in
- **TPAK**: ToolPak™

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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

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

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