Handheld Digital Manometer
Precise Air Pressure Measurement, \( \pm 0.1\% \) E.S. Accuracy

The Popular Model 477A is now available with 0.1\% full-scale accuracy in the new Series 477A. The 477A contains a highly accurate differential pressure sensor that offers a 0.1\% full-scale accuracy on air ranges from 20 in w.c. to 100 psig.

Features:
- Measure positive, negative, or differential pressures
- Instant selection from up to nine English/metric units
- Stores 40 readings in memory for later reference
- Both audible and visual overpressure alarms
- Operates up to 100 hours on a single 9 volt battery
- New adjustable damping feature for averaging fluctuating readings

See page 587 for process tubing options.

Specifications:
- Service: Air and non-combustible compatible gases
- Wetted Parts: Consult factory
- Accuracy: \( \pm 0.1\% \) of full-scale from 60 to 78°F (15.6 to 25.6°C); \( \pm 1\% \) of full scale from 32 to 60 and 78 to 104°F (0-15.6 and 25.6-40°C).
- Pressure Hysteresis: \( \pm 0.1\% \) of full-scale.
- Pressure Limits: See chart.
- Temperature Limits: 32 to 104°F (0 to 40°C).
- Storage Temperature Limits: -4 to 176°F (-20 to 80°C).
- Display: 0.42" (10.6 mm) 4 digit LCD.
- Resolution: See chart.
- Power Requirements: 9 V alkaline battery, included, user replaceable.
- Weight: 10.2 oz. (289 g).
- Connections: Two barbed connections for use with 1/8" (3.18 mm) or 3/16" (4.76 mm) ID tubing for Series 477A Manometer. Double zippered for quick and easy access.

Accessories:

<table>
<thead>
<tr>
<th>Model</th>
<th>Range</th>
<th>bar psi</th>
<th>in Hg kPa</th>
<th>in w.c. mm Hg mbar FTWC</th>
<th>mm w.c.</th>
<th>Ps</th>
<th>Maximum Pressure</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>477A-1</td>
<td>0-20.0 in w.c.</td>
<td>0.0169</td>
<td>0.925</td>
<td>1.471</td>
<td>4.982</td>
<td>20.0</td>
<td>57.38</td>
<td>49.82</td>
</tr>
<tr>
<td>477A-2</td>
<td>0-40.0 in w.c.</td>
<td>0.0338</td>
<td>1.851</td>
<td>3.942</td>
<td>9.964</td>
<td>40.0</td>
<td>74.73</td>
<td>99.8</td>
</tr>
<tr>
<td>477A-3</td>
<td>0-200.0 in w.c.</td>
<td>0.1690</td>
<td>11.25</td>
<td>17.14</td>
<td>54.87</td>
<td>200.0</td>
<td>373.6</td>
<td>496.2</td>
</tr>
<tr>
<td>477A-4</td>
<td>0-10.00 psi</td>
<td>0.0051</td>
<td>0.361</td>
<td>0.551</td>
<td>1.675</td>
<td>20.0</td>
<td>517.1</td>
<td>689.5</td>
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<tr>
<td>477A-5</td>
<td>0-50.00 psi</td>
<td>0.0256</td>
<td>1.706</td>
<td>2.513</td>
<td>7.564</td>
<td>50.0</td>
<td>1384.0</td>
<td>1848.0</td>
</tr>
<tr>
<td>477A-6</td>
<td>0-100.00 psi</td>
<td>0.0512</td>
<td>3.413</td>
<td>5.026</td>
<td>15.12</td>
<td>100.0</td>
<td>2307.0</td>
<td>3050.0</td>
</tr>
</tbody>
</table>

Call to order 800/872-9141

OPTION
For NIST traceable calibration certificate, add suffix -NIST to model numbers. Example: 477A-1-NIST $75.00

Items are net priced and are not subject to any discount.