SINGLE PRESSURE AND DIFFERENTIAL PRESSURE DIGITAL MANOMETERS
Electronic Zeroing, ±1.5% Accuracy

The Series 476A Single Pressure Digital Manometer can be used to measure low pressures from -20 to 20 in w.c. with ±1.5% FS accuracy. The Series 478A Differential Pressure Digital Manometer can be used to measure positive, negative, or differential pressures. Both units are constructed of an extruded aluminum case for exceptional durability.

FEATURES/BENEFITS
• ±0.5% FS accuracy
• Rugged extruded aluminum housing
• One button auto-zero function
• Auto power off function to conserve battery life
• Instant selection of up to nine English/metric units

APPLICATIONS
• Verify field instrumentation performance
• Adjust fuel mixture on combustion systems

MODEL CHART

<table>
<thead>
<tr>
<th>Model</th>
<th>Range in w.c.</th>
<th>Available Pressure Units</th>
<th>Resolution in w.c.</th>
<th>Maximum Pressure</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>476A-0</td>
<td>-20.0 to 20.0</td>
<td>bar</td>
<td>.0498</td>
<td>0.723</td>
<td>1.045</td>
</tr>
<tr>
<td>478A-0</td>
<td>-4.00 to 4.00</td>
<td>psi</td>
<td>1.445</td>
<td>2.944</td>
<td>4.986</td>
</tr>
<tr>
<td>478A-1</td>
<td>-60.0 to 60.0</td>
<td>kPa</td>
<td>2.168</td>
<td>4.410</td>
<td>14.95</td>
</tr>
</tbody>
</table>

OPTIONS
To order add suffix: Description Price
- NIST NIST traceable calibration certificate +$109.00
Example: 476A-1-NIST

ACCESSORIES

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-402A</td>
<td>Carrying case, tough gray nylon pouch protects any Series 476/478A manometer, double zippered for quick and easy access, belt loop that snaps closed, 7-1/2&quot;H x 3&quot;W x 2-1/4&quot;D (191 x 76 x 57 mm)</td>
<td>$44.75</td>
</tr>
<tr>
<td>UHH-C1</td>
<td>Soft carrying case</td>
<td>$42.25</td>
</tr>
<tr>
<td>A-47X-BOOT</td>
<td>Protective magnetic rubber boot</td>
<td>$14.00</td>
</tr>
</tbody>
</table>

SPECIFICATIONS

Service: Air and compatible gases.
Wetted Materials: Consult factory.
Accuracy: ±1.5% FS at 72°F (22.2°C). Includes linearity and repeatability.
Pressure Hysteresis: ±0.1% FS.
Pressure Limits: 5 psig (7.4 bars).
Compensated Temperature Limits: 32 to 104°F (0 to 40°C).
Thermal Effect: 0.05% FS/°F.
Display: 4 digit LCD (.425˝H x .234˝W digits).
Power Requirements: 9 V alkaline battery, installed non-functional, user replaceable.
Process Connections: For use with 3/16˝ or 1/4˝ ID tubing.
Weight: 10.8 oz (306 g).
Agency Approvals: CE.