The Series 476A Single Pressure Differential 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 Single Pressure 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

**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 (.74 bar).
- Compensated Temperature Limits: 32 to 104°F (0 to 40°C).
- Thermal Effect: 0.05% FS/°F.

**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, psi, in Hg, kPa, in w.c., mm Hg, mbar, mm w.c.</td>
<td>±0.02</td>
<td>5 psig</td>
<td>$98.50</td>
</tr>
<tr>
<td>478A-0</td>
<td>-4.00 to 4.00</td>
<td>.0498, 0.723, 1.471, 4.96, 20.0, 37.4, 49.8, 101.6</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>478A-1</td>
<td>-60.0 to 60.0</td>
<td>.1495, 2.168, 4.41, 14.95, 60.0, 112.1, 149.5, 1524</td>
<td>.01</td>
<td>5 psig</td>
<td>$134.00</td>
</tr>
</tbody>
</table>

**OPTIONS**
- To order add suffix: Description Price
- NIST NIST traceable calibration certificate $+109.00

Example: 478A-1-NIST

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

**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 476A/478A manometer, double zippered for quick and easy access, belt loop that snaps closed, 7-1/2˝H x 3˝W x 2-1/4˝D (191 x 76 x 57 mm)</td>
<td>$43.75</td>
</tr>
<tr>
<td>UHH-C1</td>
<td>Soft carrying case</td>
<td>$40.25</td>
</tr>
<tr>
<td>A-47X-BOOT</td>
<td>Protective magnetic rubber boot</td>
<td>$13.50</td>
</tr>
</tbody>
</table>

**ACCESSORIES**

- A-402A
- UHH-C1
- A-47X-BOOT

(manometer not included)

Process Tubing Options: See page 455 (Gage Tubing Accessories)