The **Series 476A Single Pressure Digital Manometer** can be used to measure low pressures from -20 to 20 in w.c. with ±1.5% full-scale 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.

**BENEFITS/FEATURES**
- ±0.5% full-scale 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).
- **Temperature Limits:** 0 to 140°F (-17.8 to 60°C).
- **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.

**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>
</tr>
</thead>
<tbody>
<tr>
<td>476A-0</td>
<td>-20.0 to 20.0</td>
<td>bar</td>
<td>psi</td>
<td>in Hg</td>
</tr>
<tr>
<td>478A-0</td>
<td>-4.00 to 4.00</td>
<td>-</td>
<td>.0498</td>
<td>0.723</td>
</tr>
<tr>
<td>478A-1</td>
<td>-60.0 to 60.0</td>
<td>.1495</td>
<td>2.168</td>
<td>4.41</td>
</tr>
</tbody>
</table>

**OPTIONS**
To order add suffix:
- **-NIST** NIST traceable calibration certificate.
- Example: 478A-1-NIST

**ACCESSORIES**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-402A</td>
<td>Carrying case, tough gray nylon pouch protects any Series 476A/478A manometer, double zipped 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>
</tr>
<tr>
<td>A-47X-BOOT</td>
<td>Protective magnetic rubber boot</td>
</tr>
</tbody>
</table>

**PROCESS TUBING OPTIONS:** See page 453 (Gage Tubing Accessories)