SINGLE PRESSURE DIFFERENTIAL PRESSURE DIGITAL MANOMETERS
Electronic Zeroing, \( \pm 1.5\% \) Accuracy

The SERIES 476A Single Pressure Digital Manometer can be used to measure low pressures from -20 to 20 in w.c. with \( \pm 1.5\% \) 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
- \( \pm 1.5\% \) 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: \( \pm 1.5\% \) FS at 72\(^\circ\)F (22.2\(^\circ\)C). Includes linearity and repeatability.
- Pressure Hysteresis: ±0.1% FS.
- Pressure Limits: 5 psig (.74 bar).
- Temperature Limits: 0 to 140\(^\circ\)F (-17.8 to 60\(^\circ\)C).
- Compensated Temperature Limits: 32 to 104\(^\circ\)F (0 to 40\(^\circ\)C).
- Thermal Effect: 0.05% FS/\(^\circ\)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</th>
<th>Maximum Pressure</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>476A-0</td>
<td>-20.0 to 20.0</td>
<td>0.0498 bar, psi, kPa, Pa</td>
<td>0.02</td>
<td>5 psig</td>
<td>$75.00</td>
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<tr>
<td>478A-0</td>
<td>-4.00 to 4.00</td>
<td>0.0098 bar, psi, kPa, Pa</td>
<td>0.01</td>
<td>5 psig</td>
<td>$145.00</td>
</tr>
<tr>
<td>478A-1</td>
<td>-60.0 to 60.0</td>
<td>0.1495 bar, psi, kPa, Pa</td>
<td>0.1</td>
<td>5 psig</td>
<td>$110.00</td>
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</tbody>
</table>

OPTION
- 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>$41.75</td>
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<tr>
<td>UHH-C1</td>
<td>Soft carrying case</td>
<td>39.00</td>
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<tr>
<td>A-47X-BOOT</td>
<td>Protective magnetic rubber boot</td>
<td>12.50</td>
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</tbody>
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Process Tubing Options: See page 443 (Gage Tubing Accessories)