The Series 490A-HKIT Hydronic Differential Pressure Meter Kit features the 490A Hydronic Differential Pressure Manometer and all the necessary attachments and accessories to meet all your balancing, measuring, and pressure needs. The manometer featured in this kit is a versatile, handheld, battery operated manometer available in several ranges for positive or positive differential pressure measurement and can tolerate most liquid media compatible with 316L SS.

**FEATURES/BENEFITS**
- Digital dampening for low pressure stability
- Automatic resolution adjustment for finer control
- Hard carrying case protects products
- Stores up to 40 readings for later recall
- Rubber boot for easy handling and all day comfort
- Magnetic back mount for ease of use
- Backlight for use in dim areas
- Automatic resolution adjustment for finer control
- Digital dampening for low pressure stability

**APPLICATIONS**
- Rubber boot for easy handling and all day comfort
- Magnetic back mount for ease of use
- Backlight for use in dim areas
- Stores up to 40 readings for later recall
- Hard carrying case protects products
- Automatic resolution adjustment for finer control
- Digital dampening for low pressure stability

**STANDARD KIT INCLUDES:**
- Two (2) male 90° Flare to 1/4˝ NPT fittings
- Two (2) male 1/8˝ x 1-1/2˝ pressure gage adapters
- Two (2) male 1/8˝ x 1-1/2˝ pressure gage adapters
- Two (2) 1/8˝ x 3” pressure gage adapters
- One (1) adjustable 8” wrench
- One (1) 8 ft Poly tubing for purges
- One (1) hard traveling lockable case with non-absorbent foam
- One (1) 1/2” x 1-1/2” pressure gage adapters
- One (1) hard traveling lockable case with non-absorbent foam
- One (1) hand carrying strap

**SPECIFICATIONS**
- **Service:** Compatible gases and liquids.
- **Wetted Materials:** 316L SS, PTFE, Brass, Copper.
- **Accuracy:** ±0.5% FS, 60 to 78°F (15.6 to 25.6°C); ±1.5% FS from 32 to 60°F and 78 to 104°F (0 to 15.6°C and 25.6 to 40°C).
- **Pressure Hysteresis:** ±0.1% FS.
- **Pressure Limits:** See chart.
- **Electronic Temperature Limits:** -40°F to 60°C.
- **Process Temperature Limits:** 20°F to 180°F.
- **Pressure Hysteresis:** ±0.5% FS, 60 to 78°F (15.6 to 25.6°C); ±1.5% FS from 32 to 60°F and 78 to 104°F (0 to 15.6°C and 25.6 to 40°C).

**MODEL CHART**

<table>
<thead>
<tr>
<th>Model</th>
<th>Range (psig)</th>
<th>Available Pressure Units &amp; Resolution</th>
<th>Maximum Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>490A-1-HKIT</td>
<td>0 to 15</td>
<td>1.034 to 15.00</td>
<td>30 psig</td>
</tr>
<tr>
<td>490A-2-HKIT</td>
<td>0 to 30</td>
<td>2.069 to 30.00</td>
<td>60 psig</td>
</tr>
<tr>
<td>490A-3-HKIT</td>
<td>0 to 50</td>
<td>3.447 to 50.00</td>
<td>100 psig</td>
</tr>
<tr>
<td>490A-4-HKIT</td>
<td>0 to 150</td>
<td>6.895 to 100.00</td>
<td>150 psig</td>
</tr>
<tr>
<td>490A-5-HKIT</td>
<td>0 to 500</td>
<td>9999* to 500.00</td>
<td>500 psig</td>
</tr>
<tr>
<td>490A-6-HKIT</td>
<td>0 to 200</td>
<td>13.79 to 200.00</td>
<td>200 psig</td>
</tr>
</tbody>
</table>

**ACCESSORIES**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-47X-BOOT</td>
<td>Rubber boot for manometers (manometer no included)</td>
</tr>
<tr>
<td>A-HKIT-AFIT</td>
<td>Adapter fitting kit for the 490A-HKIT, includes pairs of SAE 1/4” adapters and elbow fittings</td>
</tr>
<tr>
<td>A-HKIT-BFIT</td>
<td>Adapter fitting kit for the 490A-HKIT, includes pairs of bleed fitting assemblies</td>
</tr>
<tr>
<td>A-HKIT-HOSES</td>
<td>One pair red &amp; blue 60” SAE replacement hoses for the 490A-HKIT, each with integral ball valve</td>
</tr>
<tr>
<td>A-HKIT-500</td>
<td>Piercing gage adapter for the 490A-HKIT, 1/8” dia x 1-1/2” length (2 per kit)</td>
</tr>
<tr>
<td>A-HKIT-500XL</td>
<td>Piercing gage adapter for the 490A-HKIT, 1/8” dia x 3” length (2 per kit)</td>
</tr>
<tr>
<td>A-HKIT-510</td>
<td>Piercing gage adapter for the 490A-HKIT, 1/16” dia x 1-1/2” length (2 per kit)</td>
</tr>
<tr>
<td>NIST Calibration</td>
<td>Please contact your regional Dwyer distributor or Dwyer International Sales Office for scheduling your NIST recertification</td>
</tr>
</tbody>
</table>

USA: California Proposition 65

©WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov