Gas Pressure Manometer
The “Tube in a Tube” Direct Reading Manometer

Provide visual indication of pressure with the Series 1213 Gas Pressure Manometer. Designed for use with natural gas, the manometer can also be used to monitor any compatible gases up to 15 inches of water column. Tap water is used as the sensing media and a magnetic clip provides temporary or permanent mounting. Economically priced and made of durable plastic for years of trouble-free service. Includes 3’ of vinyl tubing and 1/8˝ nylon male NPT to barb fitting.

**SPECIFICATIONS**
- Temperature Limit: 140°F (60°C) maximum.
- Pressure Limits: 15 in. w.c. (381 mm).
- Piping Connections: 1/8˝ male NPT connector provided.
- Wetted Materials: Vinyl, PVC and nylon.
- Weight: 5 oz (142 g).

**Vinyl Tubing**
- 1/4 ID x 3/8 OD x 3 ft Long
- 1/8-27 NPT

**1213-15 SHOWN.**
1213-7 IS 11 INCHES LONG OVERALL

**1/2**
[12.70]

**1**
[25.40]

**3/4 DIA**
[19.05]

**17**
[431.80]

**1213-15 SHOWN.**
1213-7 IS 11 INCHES LONG OVERALL

Dwyer® solid plastic portable manometers are precision instruments in inclined and vertical (well-type) styles for the measurement of static pressure, vacuum or differential pressure. To assure the accuracy required in instruments of this type, all machining of bores and wells is to the highest standards of precision backed by Dwyer’s years of experience in the fabrication of acrylic instruments.

**Series 100**
Durablock® Solid Plastic Portable Gages
Suitable for Total Pressures Up to 100 psig, Temperatures Up to 150°F,
Accuracy ±2% of Full Scale (1% on Model 115 Only)

**STANDARD ACCESSORIES**
- Plastic or steel carrying case (plastic pouch for 170, 171 and 172), two magnetic mounting clips, two rapid shut-off nylon tubing connections, one 9’ length rubber tubing, terminal tube and extra bottle .826 red gage fluid.

**Dimensions**

<table>
<thead>
<tr>
<th>Model</th>
<th>Range of Water</th>
<th>Minor Scale Divisions</th>
<th>Scale Length</th>
<th>Carrying Case</th>
<th>Weight lb-oz.</th>
</tr>
</thead>
<tbody>
<tr>
<td>100.5</td>
<td>10-0-1.5</td>
<td>.01</td>
<td>6-1/4” Plastic</td>
<td>13-1/2 x 10 x 2-3/8</td>
<td>5-1</td>
</tr>
<tr>
<td>101</td>
<td>0-0.5-0.5</td>
<td>.01</td>
<td>5” Plastic</td>
<td>12-1/4 x 6-1/4 x 1-3/4</td>
<td>3-5</td>
</tr>
<tr>
<td>102.5</td>
<td>20-0-2.0</td>
<td>.01</td>
<td>8-3/4” Plastic</td>
<td>13-1/2 x 10 x 2-3/8</td>
<td>5-10</td>
</tr>
<tr>
<td>109</td>
<td>20-0-3.0</td>
<td>.02</td>
<td>8-3/4” Plastic</td>
<td>13-1/2 x 10 x 2-3/8</td>
<td>6</td>
</tr>
<tr>
<td>115</td>
<td>0.05-0.25</td>
<td>.05</td>
<td>6” Plastic</td>
<td>12-1/4 x 6-1/4 x 1-3/4</td>
<td>3-10</td>
</tr>
<tr>
<td>170</td>
<td>0-0.5</td>
<td>.02</td>
<td>2-1/2” Plastic</td>
<td>7 x 9</td>
<td>1-7</td>
</tr>
<tr>
<td>171</td>
<td>0-0.25</td>
<td>.01</td>
<td>2-1/2” Plastic</td>
<td>7 x 9</td>
<td>1-6</td>
</tr>
</tbody>
</table>

**Inclined Type**

<table>
<thead>
<tr>
<th>Model</th>
<th>Range of Water</th>
<th>Minor Scale Divisions</th>
<th>Scale Length</th>
<th>Carrying Case</th>
<th>Weight lb-oz.</th>
</tr>
</thead>
<tbody>
<tr>
<td>104</td>
<td>0-4</td>
<td>.10</td>
<td>4-1/2” Plastic</td>
<td>12-1/4 x 6-1/4 x 1-3/4</td>
<td>3-0</td>
</tr>
<tr>
<td>104-6</td>
<td>0-6</td>
<td>.10</td>
<td>7-3/4” Plastic</td>
<td>13-1/2 x 10 x 2-3/8</td>
<td>4-8</td>
</tr>
<tr>
<td>104-8</td>
<td>0-8</td>
<td>.10</td>
<td>9” Metal</td>
<td>18-1/2 x 4-3/8 x 2-1/4</td>
<td>4-12</td>
</tr>
<tr>
<td>104-10</td>
<td>0-10</td>
<td>.10</td>
<td>11-1/8” Metal</td>
<td>18-1/2 x 4-3/8 x 2-1/4</td>
<td>4-15</td>
</tr>
</tbody>
</table>

**Note:** Model 100.5 replaces model 100. Model 102.5 replaces model 102.

**100.5, solid plastic portable gage with 10-0-1.0 in w.c. range. Shown with carrying case and standard accessories.**

**104, solid plastic portable vertical manometer shown attached to inside of carrying case. Gage may also be removed from case and used in standing position or attached to any vertical steel surface with magnetic clips provided.**