The Series 763/764 Process Gages possess psi scales with 0.5% full scale ANSI B40.1 Grade 2A accuracy. The 763/764 gages are designed with a Phenolic safety-case. This safety-case has a solid front with blow-out back. Internal overload and under-load protection is provided to prevent damage to the gage from extreme over or under range sensing. Access to the adjustable needle pointer is simple via the removable bezel. Series 763 units are provided to prevent damage to the gage from extreme over or under range sensing. Access case has a solid front with blow-out back. Internal overload and under-load protection is Grade 2A.

The 763/764 gages are designed with a Phenolic safety-case. This safety-case possesses psi scales with 0.5% full scale ANSI B40.1 Grade 2A accuracy. The 763/764 Process Gages are typically used to monitor suction pressures on the blower. Bourdon tube. A wide offering of ranges are available from full vacuum, compound to 20,000 psi. The 763/764 is usually used to monitor suction pressures on the blower.

Specifications:
- Service: Compatible gases and liquids.
- Wetted Materials: 316 SS socket and Bourdon tube.
- Housing: Phenolic.
- Lens: Polycarbonate.
- Fill: Glycerin (764 only).
- Accuracy: 0.5% full scale ANSI B40.1 Grade 2A.

Pressure Limit: 115% of full scale >1500 psi; 130% full scale 1500 psi and below.

Temperature Limits: Ambient: 763: -40 to 160°F (-40 to 71°C); 764: 30 to 160°F (-1 to 71°C); Process: 212°F max (100°C max).

Size: 4.5" (115 mm).

Process Connection: 1/4" or 1/2" male NPT lower.

Weight: 763: 31.36 oz (0.9 kg); 764: 41.6 oz (1.18 kg).

For glycerin fill change series from 763 to 764. For 1/4" NPT connections, change ending 4N to 2N.

### Series 761 Process Pressure Gages

These gages have a dual English/metric scale with ±0.5% or ±1% full scale accuracy. Series 761 gages may be easily liquid filled in the field without the need for a separate kit. The gages are designed with 316L SS tube and socket for excellent chemical compatibility and are offered in a wide selection of ranges.

### APPLICATIONS

Chemical, refinery, fertilizer, petrochemical, pharmaceutical, power, oil, cement, sugar, food and beverage, pulp and paper, and waste water

### SPECIFICATIONS

- **Service**: Compatible gases and liquids.
- **Wetted Materials**: 316L SS socket and Bourdon tube.
- **Housing**: Fiber-reinforced polypropylene.
- **Lens**: Shatterproof safety glass.
- **Accuracy**: ±0.5% full scale, ASME B40.1, Grade 2A.
- **Pressure Limit**: 130% of full scale for ranges 8000 psi or less; 115% of full scale for ranges greater than 8000 psi.
- **Temperature Limit**: Ambient: -4 to 150°F (-20 to 65°C); 761 Process: 300°F max (150°C max).
- **Size**: 4-1/2" (115 mm).
- **Process Connection**: 1/2" male NPT lower.
- **Enclosure Rating**: NEMA 3 (IP55).
- **Weight**: 761: 4.5” (115 mm): 13.9 oz (0.4 kg).

### Table

<table>
<thead>
<tr>
<th>Model</th>
<th>Range</th>
<th>Model</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>761-1</td>
<td>0-15 psi (0 to 100 kPa)</td>
<td>761-5</td>
<td>0-100 psi (0 to 1000 kPa)</td>
</tr>
<tr>
<td>761-2</td>
<td>0-30 psi (0 to 200 kPa)</td>
<td>761-6</td>
<td>30&quot; Hg-0 vac (0 to -100 kPa)</td>
</tr>
<tr>
<td>761-3</td>
<td>0-60 psi (0 to 400 kPa)</td>
<td>761-7</td>
<td>0-200 psi (0 to 1400 kPa)</td>
</tr>
<tr>
<td>761-4</td>
<td>0-100 psi (0 to 700 kPa)</td>
<td>761-8</td>
<td>0-300 psi (0 to 2000 kPa)</td>
</tr>
<tr>
<td>761-9</td>
<td>0-400 psi (0 to 2800 kPa)</td>
<td>761-10</td>
<td>0-500 psi (0 to 2400 kPa)</td>
</tr>
<tr>
<td>761-11</td>
<td>0-600 psi (0 to 4000 kPa)</td>
<td>761-12</td>
<td>0-1000 psi (0 to 7000 kPa)</td>
</tr>
</tbody>
</table>