

## PHARMA-FLOW PRESSURE GAUGE SPECIFICATIONS

### PERFORMANCE:

<b>Accuracy</b>	<b>± 0.75% of Full Scale <sup>(1)</sup></b>
<b>Over-Range Capability</b>	<b>+ 30%</b>
<b>Repeatability</b>	<b>± 0.5% of Full Scale</b>
<b>Linearity</b>	<b>± 0.5% of Full Scale</b>
<b>Hysteresis</b>	<b>± 0.5% of Full Scale</b>
<b>Process Temperature Range 3½" and 5" Dial</b>	<b>10 to 250 °F (-12 to 121 °C) <sup>(2)</sup></b>
<b>Process Temperature Range 2½" and 4" Dial</b>	<b>10 to 176 °F (-12 to 80 °C) <sup>(2)</sup></b>
<b>Ambient Operating Limits 3½" and 5" Dial</b>	<b>25 to 160 °F (-4 to 71 °C)</b>
<b>Ambient Operating Limits 2½" and 4" Dial</b>	<b>25 to 140 °F (-4 to 60 °C)</b>
<b>Ambient Storage Limits</b>	<b>0 to 250 °F (-18 to 121 °C)</b>

### CONSTRUCTION:

<b>Compliance</b>	<b>3-A; NEMA 4X; IP67; ISO 9001:2015</b>
<b>Product Contact Material</b>	<b>316L Stainless Steel<sup>(3)</sup></b>
<b>Product Contact Surface Finish</b>	<b>Ra = 8 µin (0.20 µm)<sup>(4)</sup></b>
<b>Case and Lens Ring Material</b>	<b>304L Stainless Steel</b>
<b>Lens Material</b>	<b>Polycarbonate – ¼" Thick (6.4 mm)</b>
<b>Dial Face Material</b>	<b>Aluminum Printed with UV Inks (no adhesive labels)</b>
<b>Available Dial Sizes</b>	<b>2½" (63.5 mm); 3½" (90 mm) 4" (101.6 mm); 5" (120 mm)</b>
<b>Bourdon Tube and Socket 3½" and 5" Dial</b>	<b>Phosphor Bronze and Brass</b>
<b>Bourdon Tube and Socket 2½" and 4" Dial</b>	<b>316L Stainless Steel</b>
<b>Re-Zero Adjustment</b>	<b>Standard on all Gauges (100% of Span)</b>
<b>Standard Case Fill Media</b>	<b>99.7 USP Food Grade Glycerin<sup>(5)</sup></b>
<b>Standard System Fill Media</b>	<b>99.7 USP Food Grade Glycerin<sup>(5)</sup></b>
<b>Approx. Shipping Weight</b>	<b>2½" Dial – 1 lb. (0.5 kg) 3½" &amp; 4" Dial – 3 lbs. (1.4 kg) 5" Dial – 5 lbs. (2.3 kg)</b>

<sup>(1)</sup> ±1% of full scale with 3/4" Tri-Clamp fitting

<sup>(2)</sup> High Temperature Option increases maximum process temperature to 176°C (350°F)

<sup>(3)</sup> For other diaphragm material options – please consult factory or see website configurator

<sup>(4)</sup> Not applicable for 3/4" tri-clamp fitting

<sup>(5)</sup> For other fill options – please consult factory or see website configurator