

PHARMA-FLOW PRESSURE GAUGE SPECIFICATIONS

PERFORMANCE:

Accuracy	± 0.75% of Full Scale ⁽¹⁾
Over-Range Capability	+ 30%
Repeatability	± 0.5% of Full Scale
Linearity	± 0.5% of Full Scale
Hysteresis	± 0.5% of Full Scale
Process Temperature Range	10 to 250 °F (-12 to 121 °C) ⁽²⁾
Ambient Operating Limits	25 to 160 °F (-4 to 71 °C)
Ambient Storage Limits	0 to 250 °F (-18 to 121 °C)

CONSTRUCTION:

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

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

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

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

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

⁽⁵⁾ For other fill options – please consult factory or see website configurator