

INSTA-FLOW PRESSURE GAUGE SPECIFICATIONS

PERFORMANCE:

Accuracy	2½" ± 1.5% of Full Scale (Grade B) 4" ± 1.0% of Full Scale (Grade 1A) 6" ± 1.0% of Full Scale (Grade 1A)
Over-Range Capability	+ 25%
Repeatability	± 0.5% of Full Scale
Linearity	± 0.5% of Full Scale
Hysteresis	± 0.5% of Full Scale
Process Temperature Range	-4 to 176 °F (-20 to 80 °C) ⁽¹⁾
Ambient Operating Limits	-40 to 140 °F (-40 to 60 °C)
Ambient Storage Limits	-40 to 250 °F (-40 to 121 °C)

CONSTRUCTION:

Available Dial Sizes	2½" (63 mm) 4" (100 mm) 6" (160 mm)
Connection Type	¼" & ½" NPT Male
Compliance	NEMA 4X; IP67
Product Contact Material	316L Stainless Steel
Case and Lens Ring Material	304 Stainless Steel
Lens Material	2½" Dial – Polycarbonate: ¼" Thick (6.4 mm) 4" Dial – Shatter-Resistant Laminated Glass 6" Dial – Shatter-Resistant Laminated Glass
Dial Face Material	Aluminum Printed with UV Inks (no adhesive labels)
Bourdon Tube	316L Stainless Steel
Socket	316L Stainless Steel
Re-Zero Adjustment	Optional (100% of Span) ⁽²⁾
Standard Case Fill Media	99.7 USP Food Grade Glycerin ⁽³⁾
Approx. Shipping Weight	2½" Dial – 1 lb. (1 kg) 4" Dial – 2 lbs. (1 kg) 6" Dial – 4 lbs. (2 kg)

⁽¹⁾ For higher temperature applications - please consult factory or see website configurator

⁽²⁾ Re-zero feature on 4" and 6" dials requires optional polycarbonate lens

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