



CHICAGO STAINLESS EQUIPMENT, INC.
 QUALITY PRODUCTS SINCE 1937

BI-METAL THERMOMETER SPECIFICATIONS

Compliance - Sanitary	3-A; NEMA 4X; IP67; ISO 9001:2015
Compliance – Non-Sanitary	NEMA 4X; IP67; ISO 9001:2015
Accuracy	± 1.5% of Full Span per ASME B40.3 Grade A
Process Temperature Ranges	-100 to 1000 °F (-75 to 550 °C)
Units	°F or °C or Dual Scale °F/°C
Dial Sizes	3", 4" or 5" (76, 102, 127 mm) Diameter
Product Contact Material - Sanitary	316 Stainless Steel
Product Contact Material – Non-Sanitary	304 Stainless Steel
Product Contact Surface Finish - Sanitary	Ra = 32 µin (0.80 µm)
Case and Lens Ring Material	304 Stainless Steel
Available Fittings	1/2" NPT and Tri-Clamp
Probe Lengths	8 Standard Sizes (<i>custom lengths on request</i>)
Standard Probe Diameters	¼" on NPT - 3/8" on Tri-Clamp Fittings
Standard Lens	Glass
Optional Lens	Tempered Glass, Safety Glass, Acrylic, Polycarbonate
Optional Fill	Silicone
Recalibration Feature	Standard
Over Temperature Limits:	Up to 250°F, 100% 250 to 550°F, 50% 550 to 1000°F, Continuous Use Up To 800°F Intermittent Use Over 800°F
Dry Shipping Weight 3",4",5"	11 oz, 16 oz, 20 oz
Filled Shipping Weight 3",4",5"	14 oz, 22 oz, 30 oz



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ISO 9001 Certified Company

PS-BM110:0