

Bi-Metal Thermometers

Features:

- case: sturdy, corrosion resistant series 304 stainless steel
- bezel crystal: optically clear, strong glass, gasketed to maintain weather-tight integrity is standard
- stem: 304 series stainless steel, welded at tip and case connector to prevent leakage, ¼" (6.35 mm) diameter
- hermetically sealed per ASME B40.3 external reset
- slotted-hex adjustment head offers screwdriver or wrench use to field calibrate the thermometer
- bi-metal element: an extremely responsive temperature sensing helix which has been carefully sized and tested, heat treated and aged to relieve inherent stresses and insure continued accuracy
- dampening: bi-metal helix is coated with a viscous silicone to minimize pointer oscillation and to improve temperature transmission
- immersion: for accurate temperature readings, immerse stem a minimum of 2" (50 mm) in agitated liquids or 4" (100 mm) in moving air or gas
- over range: temporary over or under range of 50% of scale up to 260°C or 500°F will not affect the instrument accuracy
- accuracy: guaranteed to be accurate to within 1% of full scale (Grade A per ASME B40.3) (The American Society of Mechanical Engineers issued a new standard for Bi-Metal Thermometers in 1990 referred to as ASME B40.3.)
- Standard Connection is ½" male NPT

F

Model 30 Back Connected 3" Face

Stem Length	Temperature Range	Part #	Price/E
2½"	0-250°F/-20-120°C	30025064	\$60.15
2½"	50-500°F/10-260°C	30025104	60.15
4"	0-250°F/-20-120°C	30040064	60.15
4"	50-500°F/10-260°C	30040104	60.15
6"	0-250°F/-20-120°C	30060064	60.15
6"	50-500°F/10-260°C	30060104	60.15
9"	0-250°F/-20-120°C	30090064	60.15
9"	50-500°F/10-260°C	30090104	60.15



Model 31 Bottom Connected 90° Angle 3" Face

Stem Length	Temperature Range	Part #	Price/E
2½"	0-250°F/-20-120°C	31025064	\$119.70
4"	50-500°F/10-260°C	31040104	119.70



Model 50 Back Connected 5" Face

Stem Length	Temperature Range	Part #	Price/E
2½"	50-500°F/10-260°C	50025104	\$133.45
4"	0-250°F/-20-120°C	50040064	133.45



Model 52 Adjustable Angle 5" Face

Stem Length	Temperature Range	Part #	Price/E
2½"	0-250°F/-20-120°C	52025064	\$181.05
4"	0-250°F/-20-120°C	52040064	193.35
4"	50-500°F/10-260°C	52040104	193.35

