

3” Bimetal Thermometer

NSF Listed RoHS Compliant

One of the most popular sizes, the 3” bimetal thermometer comes standard with a hermetically sealed 304 stainless steel case to withstand harsh environments. For further customization, pick from a plastic case option as well as additional choices for lens, mounting, connection size, stem length and diameter.



Sample Product Photo

- **Additional Temp Ranges Available**
- Custom Logo & Color Band Options
- Markings, Dial Face, & Needle Customizable
- Also Available: External Recalibration Screw (Standard), Flange for Panel Mounting, Liquid (Silicone) Filled to Counteract Excessive Vibration, and Thermowell options
- Hollow Thread for Shorter Stem Lengths
- Application Fields: Industrial Devices, Heating, Sanitation, Restaurant, Boiler

Specifications

Dimensions	3” Dial Diameter
Case	SUS 304 (Standard) or Plastic
Lens	Polycarbonate (Standard) or Flat Glass
Markings & Dial	Blue or Black Markings on White Dial (Standard)
Needle	Variety of Options
Mounting	Variety of Options
Connection*	Threaded 1/2” NPT
Stem Length*	Min 1” (25.4mm) Max 24” (609.6mm)
Measuring Range	-40° up to 1000 °F/°C See next page table
Accuracy	± 1.5% of range

*For custom connection sizes, stem lengths & diameters please contact service@howe-technology.com

Needle Options

Red
Black (Standard)
White

Stem Options*

∅ 0.25” Stem (Standard)

Mounting Options

Adjustable
Bottom Low
Center Back

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Available Temperature Ranges*

°F Range	°C Range	Divisions
-40°F to 65°F	-40°C to 20°C	2°F, 1°C
-40°F to 120°F	-40°C to 50°C	2°F, 1°C
0°F to 140°F	-20°C to 60°C	1°F, 0.5°C
0°F to 250°F	-20°C to 120°C	2°F, 1°C
20°F to 220°F	-5°C to 110°C	2°F, 2°C
25°F to 125°F	-5°C to 50°C	1°F, 1°C
30°F to 240°F	0°C to 115°C	2°F, 2°C
50°F to 300°F	10°C to 150°C	2°F, 1°C
50°F to 500°F	10°C to 260°C	5°F, 2°C
50°F to 550°F	10°C to 300°C	5°F, 5°C
150°F to 750°F	65°C to 400°C	10°F, 5°C
200°F to 1000°F	100°C to 540°C	10°F, 5°C

*Contact for greater ranges than shown

Sample Technical Drawings

