

# Bimetal Temperature Gauges

Micro Bimetal Temperature gauges are economical, rugged, reliable, temperature measuring instruments. The bimetal helix is properly heated, coated with viscous silicon to minimize pointer oscillation and improve temperature transmission.

## CONSTRUCTION FEATURES

Dial Size	: 63mm, 100mm & 150mm.
Accuracy	: + 1.6% of full scale.
Case & Bezel (IP-65)	: SS 304 Snap Action Bayonet type & SS 304 Press Fit Type.
Temp. Element	: Wounded coil of Bimetal.
Stem & Bulb	: SS 304, SS 316 ( 6mm, 8mm, 10mm & 12mm ).
Stem Length	: SS 304, SS 316 ( up to 300mm ).
Dial	: Aluminum white painted with 270 degree black scale marking .
Pointer	: Brass with black finish.
Window	: Plain Glass / Toughened / Safety glass.
Joints	: Argon arc welded.
Mounting	: Stem (Bottom), Back & Every angle.
Connection	: 1/4" / 3/8" / 1/2" BSP / NPT ( Fix or Adjustable ).
Scale Range	: -30 to 50° to 500° C or equivalent in °F



150mm Back Direct Mounting



63mm Back Direct Mounting



100mm Bottom Mounting



100mm All Angle



Thermowells

## THERMOWELL

Thermowell are designed to protect the temperature gauges from various corrosive media, viscous material or velocity and abrasives. The use of thermowell also permit instrument interchange or calibration check without disturbing or shutting down the process stream.

MOC of Thermowell : S S 304, S S 316, Hastelloy "C".

Type : Straight, Stepped, Tapered & Flanged.

## BIMETAL TEMP. GAUGES OPTIONAL FEATURES

- Dual scale °C & °F available on request.
- Every angle mounting available on request.
- Extra stem length on request.
- TC Connection on request.

## BIMETAL TEMP. GAUGES APPLICATION

Domestic & industrial heating system, hot water boiler, power plant, food & beverage industries, pharmaceutical industry etc...