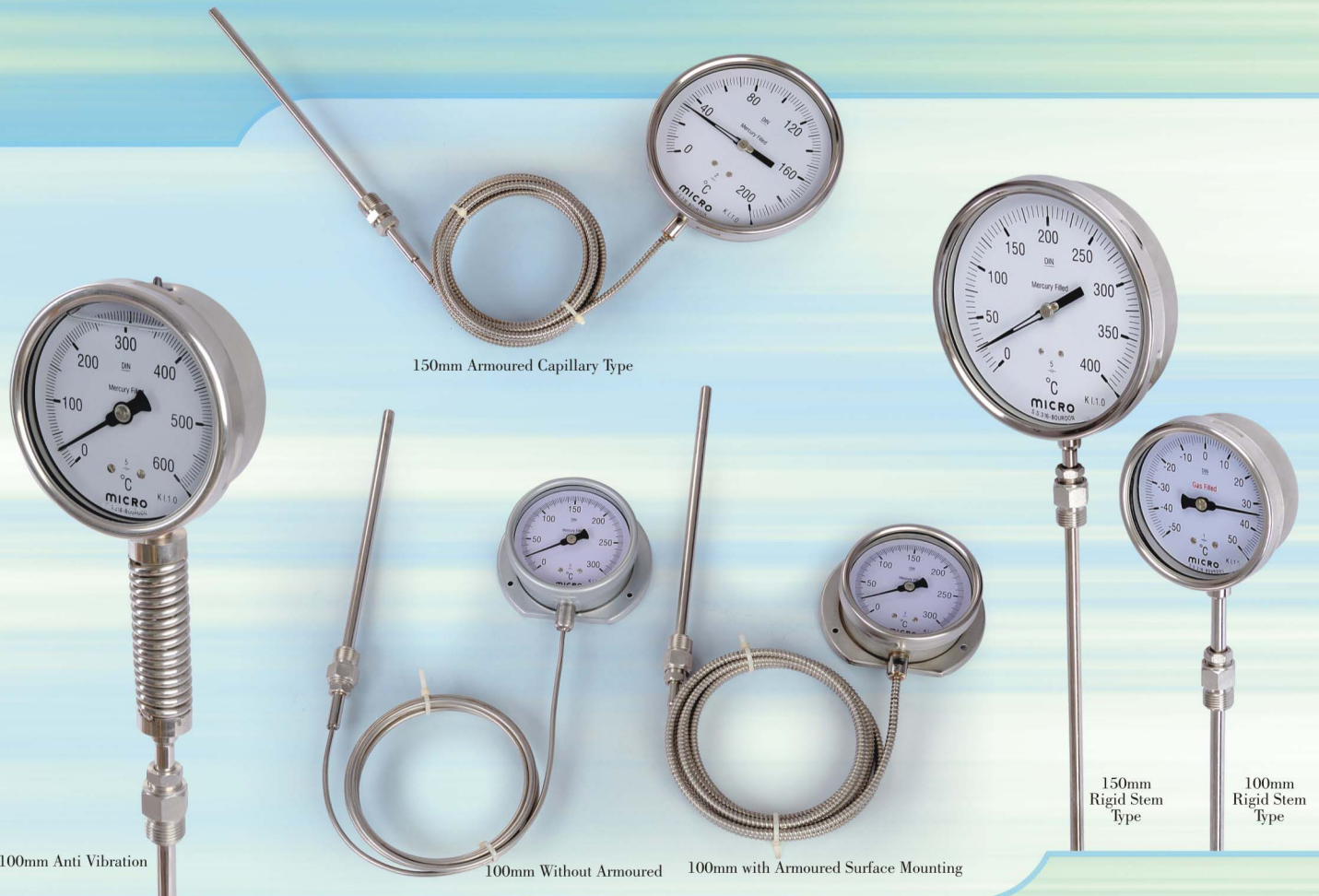


Mercury / Gas Filled Temperature Gauges

Micro Mercury / Gas filled Temperature Gauges are economical, rugged, reliable and accurate measuring instruments are made of bulb, transmitting capillary and flat bourdon or coiled bourdon tube which are pressure filled with Mercury / Inert Gas. The system is pressurized with mercury / Inert Gas. Variation of the ambient temperature are compensated by means of a Bi-metal link between

CONSTRUCTION FEATURES

Dial Size	: 100mm & 150mm.
Accuracy	: + 1% of full scale.
Case & Bezel (IP-65):	SS 304 Snap Action Bayonet type.
Temp. Element	: Mercury / Gas actuated.
Stem & Bulb	: SS 316
Stem & Bulb Dia.	: 6mm, 8mm, 10mm & 12mm.
Stem Length	: up to 300mm.
Capillary Material:	M S / S S 316 Micro bore.
Capillary Protection:	SS 304 Tubing, PVC, SS Armored.
Dial	: Aluminum white painted with 270 degree black scale marking.
Pointer Adjustment:	: Al. / Brass, Zero Adjustment / Micro Zero Adjustment.
Window	: Toughened / Safety glass.
Joints	: Argon arc welded.
Mounting extension:	: Stem (Bottom), Back & Surface with capillary
Connection	: 1/4" / 3/8" / 1/2" BSP / NPT (Adjustable).
Scale Range	: -30 to 50° C to 650° C or equivalent in °F



OPTIONAL FEATURES

- Anti vibration fitting, Dual scale °C & °F available on request.
- Liquid filled case with Glycerin or Silicon on request.
- Alarm contact type & Capillary extension on request.

APPLICATION

Pharmaceutical industries, Chemicals & Petrochemicals, Fertilizers & Refineries,
Filters for liquid control systems and all Process Industries.