

Mercury / Gas Filled Temperature Gauges

“POINTER” 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 movement mechanism & Bourdon Tube.



150mm Bottom
Mounting

100mm Bottom
Mounting

63mm Bottom
Mounting

150mm Armoured Capillary Type

CONSTRUCTION FEATURES

| | |
|----------------------|--|
| Dial Size | : 63mm, 100mm, 150mm & 250mm |
| Accuracy | : $\pm 1\%$ 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 (Std.) | : 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 | : Al. / Brass, Zero Adjustment / Micro Zero Adjustment Pointer |
| Window | : Toughened / Safety glass |
| Joints | : Argon arc welded |
| Mounting | : Stem (Bottom), Back & Surface with capillary extension |
| Connection | : $\frac{1}{4}$ " / $\frac{3}{8}$ " / $\frac{1}{2}$ " 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.
- Extra Stem length on request.
- Extra Capillary length on request.

APPLICATION

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

POINTER INSTRUMENTS PVT. LTD.

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