

Mercury Filled Temperature Gauges



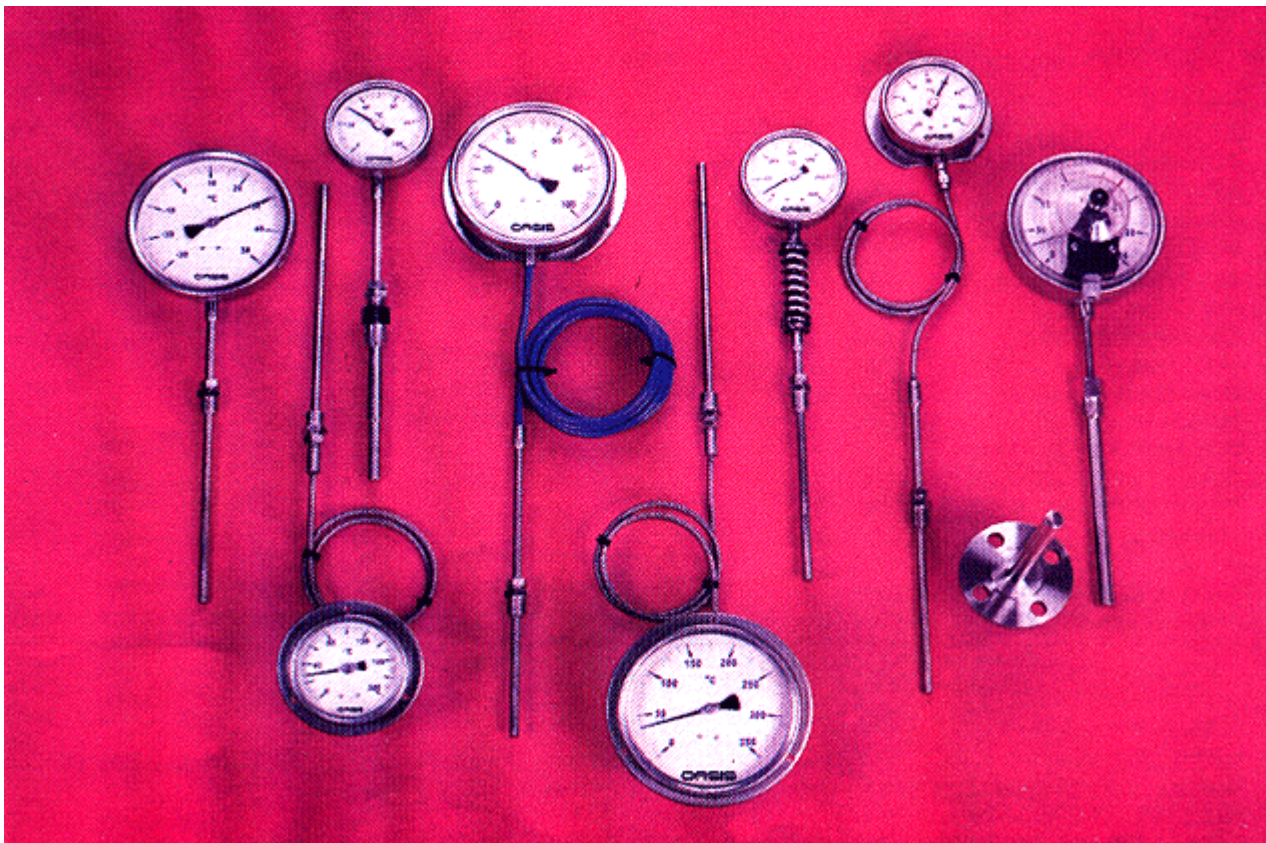
Registered No. 325327

Designed for High Temperature Applications

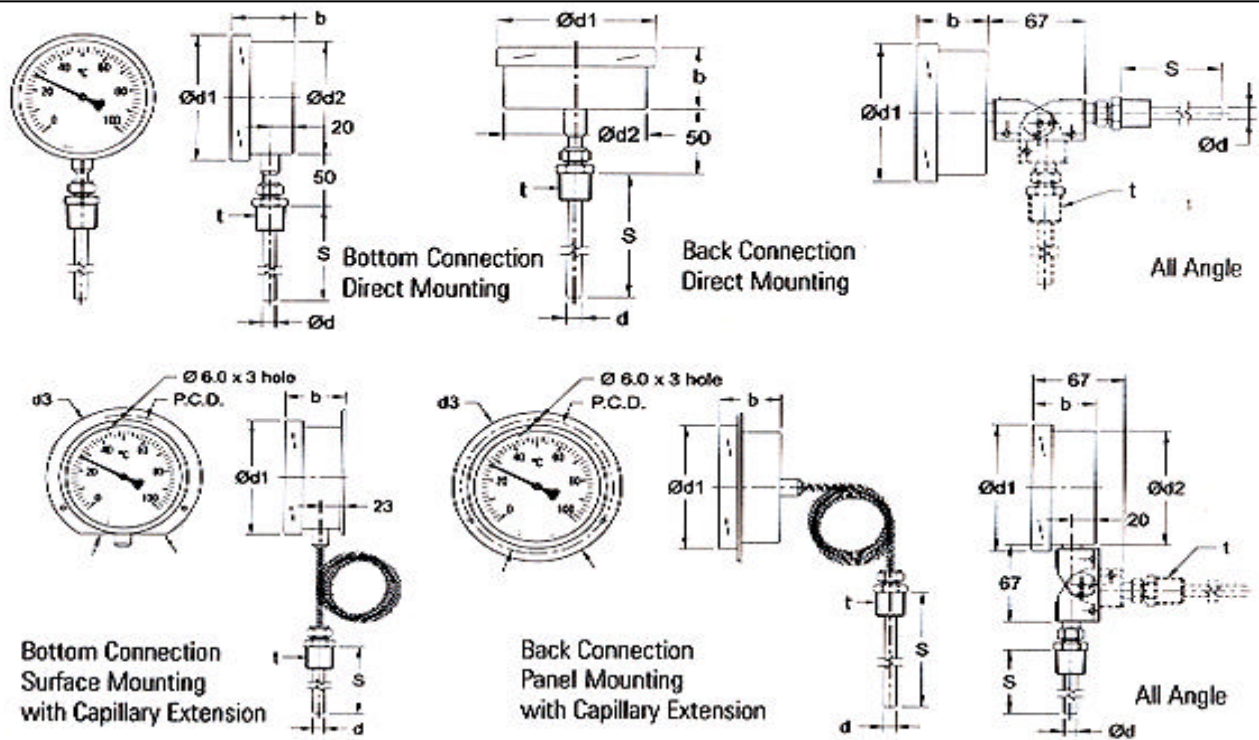
OASIS Mercury Filled Temperature Gauges are made of a sensor bulb/spiral transmitting capillary and a special flat bourdon tube, which are pressure-filled with mercury. As temperature changes, the bulb will change the pressure in the system and indicate on scale, calibrated on temperature units. A Bi-metal device is connected to the bourdon tube to compensate for temperature error due to variation in ambient temperature. Mercury filled temperature gauges measure from (-) 38^o to (+) 600^oC with an accuracy class of $\pm 1\%$ of full scale.

OASIS Mercury Filled Gauges are economical, rugged, reliable and accurate measuring instruments available in different dial sizes, connection, mounting of different type and length of capillary (maximum up to 25M). Mercury filled temperature gauges are also available with accessories like Antivibration Spring, Electrical contact, Glycerin filled and with Thermowells.

OASIS Mercury Filled Temperature Gauges are widely used in Ovens, Furnaces, Vessels, Pulp and Paper Industries, Chemical, Petrochemicals, Fertilizers and Refineries, Smelters & Foundries.



*Simplifying Technology
Redefining Value...*



DIAL SIZE	Ø d	Ø d1	Ø d2	Ø d3	P.C.D.	b		T	S
						Surface Mounting	Other		
100 mm	10	109	98.5	132	118	51	48.5	½" NPT or BSP	300
150 mm	10	166	151	186	168	52	48.5	½" NPT or BSP	300

SPECIFICATIONS:-

★ Dial Size:

100mm / 150mm / 200mm / 250mm

★ Accuracy:

± 1% of full scale range

★ Bourdon :

SS 316

★ Temperature Element :

Mercury actuated

★ Capillary Material:

Micro bore M. S. / SS 316

★ Capillary Protection :

SS 304 Tubing with PVC or SS 304 armoured from 1M to 25M

★ Case:

SS 304 snap action bayonet type IP-65

★ Movement :

SS 304

★ Stem & Bulb :

ANSI SS 316.

★ Stem Dia:

6mm, 8mm, 10mm & 12mm,

★ Joints:

Argon arc welded

★ Pointer:

Micrometer zero adjustment type

★ Window:

Toughened / Shatter proof glass

★ Process Connection:

½" NPT/BSP Adjustable SS 316

★ Mounting:

Bottom and Back

★ Ranges in °C:

0-50 to 600, (-) 38 to 50 & other compound ranges

Range in °F & other scales on request.

★ Accessories Option:

Thermowells, Dual scale and Calibration Certificate.

Antivibration fitting, Glycerin Filling liquid and Electrical contact.



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