

INDUSTRIAL TEMPERATURE GAUGE

MERCURY FILLED

airmaster

TG

SPECIAL FEATURES

- STAINLESS STEEL CASE & MEASURING SYSTEM
- MERCURY FILLED SYSTEM
- ACCURACY 1% FSD

APPLICATIONS

THE INSTRUMENT FIELD APPLICATION ARE REFINERY, DIESEL POWER GENERATION SETS, POWER, PILP & PAPER, SHIPPING, OFFSHORE, DG SETS, OIL ENGIENS, BOILERS, ALLIED PROCESS INDUSTRIES

SPECIFICATIONS

STANDARD VERSION: 100mm & 150mm



Accuracy	: Class 1 as per EN 13190
Ambient Temperature	: -25° C to 65° C
Operating Pressure	: 15 kg/cm ² (without thermowell)
Over Range Limit	: 120 % of Full Scale
Stem Diameter	: 8 mm
Process Connection	: ½" BSP(M) Adjustable

Case & Bezel	: AISI 304 SS (BayonetType)
Movement	: CopperAlloy
Stem & Connection	: AISI 316 SS
Joints	: Tig argon arc welding

Protection	: IP 65
Dial	: Aluminium, black graduation on white background
Pointer	: Aluminium, black Coloured Micrometer Zero adjustable
Window	: Sheet Glass
Gasket	: Neoprene

STANDARD VERSION :

Accuracy	: Class 1 as per EN 13190
Ambient Temperature	: Maximum 65°C
Window	: Plexi Glass
Dampening Liquids	: Silicon Oil (Option QA)
Gasket & Filling Plug*	: NBR
Other Features	: Refer Specification of Standard version

*Gasket & Filling plug of NBR.

Nominal Range, Measuring Ranges & Limits of Error as per EN 13190

Nominal Range (°C)	Measuring Range (°C)	Limits of Error (+ °C)
-20 to +40	-10 to +30	1
-20 to +60	-10 to +50	1
-20 to +120	-10 to +110	2
-30 to +30	-20 to +20	1
-30 to +50	-20 to +40	1
-30 to +70	-20 to +60	1
-40 to +40	-30 to +30	1
-40 to +60	-30 to +50	1
-100 to +60	-80 to +40	2
0 to 60	10 to 50	1
0 to 80	10 to 70	1
0 to 100	10 to 90	1
0 to 120	10 to 110	2
0 to 160	20 to 140	2
0 to 200	20 to 180	2
0 to 250	30 to 220	2.5
0 to 300	30 to 270	5
0 to 400	50 to 350	5
0 to 500	50 to 450	5
0 to 600	100 to 500	10