



FAIR™ MAKE PRESSURE & TEMPERATURE GAUGES



210, Nagdevi Street, Mumbai - 40003

Marketed by
Fairdeal
TUBES CORPORATION

Introduction

We are a leading manufacturer and supplier of a wide range of Pressure Gauges and Temperature Gauges under our **FAIR™** brand. Our products are manufactured using the finest raw materials and to rigid international standards like BS, ANSI etc. as also to Indian Standards and are designed to meet the requirements of our clients. Our facility is equipped with the latest machine tools, calibration services and precision inspection devices along with qualified, trained and experienced engineers & craftsmen. We take meticulous care from the raw material stage right up to the finished goods and offer built-in guarantee for reliability and performance.



Pressure Gauges

FAIR™ make Bourdon type pressure gauges cover ranges from 0.7kg/cm² to 1400kg/cm². They are made of 'C' type bourdon tubes made of either phosphor bronze or AISI 316 SS, closed at the upper end, and the open end is soldered, or argon welded firmly to the connecting socket. The expand or contract due to pressure or vacuum. Through a rack and pinion arrangement, motion to the closed end of the bourdon tube is transferred to the pointer mechanism. Any backlash error is eliminated by providing suitable under normal operating conditions measuring Air, Gases, Vapour, and Liquid pressure, with a gauge for every application.

1. Pressed Steel Pressure Gauges

PARTICULARS		SPECIFICATIONS
Type	:	Bourdon
Code	:	FMSPG
Accuracy	:	+/- 2% of FSD
Bourdon	:	Brass
Movement	:	Brass
Socket	:	Brass
Connection	:	1/8" BSP, 1/4" BSP, 3/8" BSP, 1/2" BSP
Case	:	Pressed Steel, Painted Stove Enameled Black
Mounting	M1 :	Bottom Connection, Projection mounting
	M2 :	Bottom Connection, Direct mounting
	M3 :	Back Connection, Direct mounting
	M5 :	Back Connection, Panel mounting



2. Non-Ferrous Pressure Gauges

PARTICULARS	SPECIFICATIONS
Type	: Bourdon
Code	: FNFPG
Accuracy	: +/- 1% of FSD
Bourdon, Movement & Socket	: Brass
Connection	: 1/4", 1/2" NPTM / BSPM
Case	: SS Casing(304) lock type with proof casing
Glass	: Plain
Temp. Limit	: 125° C
Mounting W1	: Bottom Connection, Projection mounting
W2	: Bottom Connection, Direct mounting
W3	: Back Connection, Panel mounting



3. Stainless Steel Pressure Gauges

PARTICULARS	SPECIFICATIONS
Type	: Bourdon
Code	: FSSPG
Accuracy	: +/- 1% of FSD
Bourdon & Socket Movement	: SS 316 / SS 304
Connection	: 1/4", 1/2" NPTM / BSPM
Case	: SS Casing (304) lock type with proof casing
Glass	: Plain
Temp. Limit	: 270° C
Mounting W1	: Bottom Connection, Projection mounting
W2	: Bottom Connection, Direct mounting
W3	: Back Connection, Panel mounting
Over Range Protection:	125%
Standard Fitments	: Micro Adjustable Pointer & Blow-out disc



4. Sealed Diaphragm Gauges

PARTICULARS	SPECIFICATIONS
Type	: Sealed
Code	: FSDPG
Accuracy	: +/- 1% of FSD
Sensing Element	: SS 316 Diaphragm
Top Chamber	: SS 304
Bottom Chamber	: SS 316
Connection	: 1/2" BSPM
Case & Bezel	: SS Casing(304) lock type weatherproof casing
Glass	: Plain
Sealing Fluid	: Silicon Oil
Temp. Limit	: 170° C
Mounting	W1 : Surface mounting Bottom entry
	W2 : Bottom Entry, Direct mounting
	W3 : Back Entry, Direct mounting
	W5 : Back Entry, Panel mounting



5. Accessories

1. Snubber (Pulsation Dampener)
2. Gauge Cock
3. Syphon Tube
4. Adaptor - SS / Brass
5. Glass - Plain / Shatter Proof / Toughened
6. Glycerin Filling - General / with Blow Disc
7. Needle Valve



Standard Ranges of Gauge with Least Count

Range		Least Count		Range		Least Count	
Kg/cm2	PSI	Kg/cm2	PSI	Kg/cm2	PSI	Kg/cm2	PSI
1kg	15	0.02	0.5	42kg	600	1	20
1.6kg	22	0.05	0.6	70kg	1000	2	20
2.1kg	30	0.05	1	100kg	1500	2	50
2.5kg	35	0.05	1	140kg	2000	5	50
4.2kg	60	0.1	2	160kg	2200	5	50
7kg	100	0.2	2	210kg	3000	5	100
10.6kg	150	0.2	5	280kg	4000	10	100
14kg	200	0.5	5	350kg	5000	10	100
16kg	220	0.5	6	420kg	6000	10	200
21kg	300	0.5	10	600kg	9000	20	200
25kg	350	0.5	10	700kg	10000	20	200
28kg	400	1	10	1060kg	15000	20	500
35kg	500	1	10	1400kg	20000	20	1000

Conversion Chart

Kg/cm2	PSI	ATM	BAR
1	14.223	0.968	0.980
0.0703	1	0.0680	0.0689
1.033	14.693	1	1.012
1.020	14.513	0.987	1

Temperature Gauges

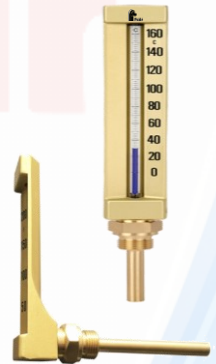
6. Bi-Metallic Temperature Gauges

PARTICULARS	SPECIFICATIONS
Type	: Bimetallic
Code	: FBMT
Accuracy	: +/- 1.5% of FSD
Bulb/Connection	: SS
Stem Dia	: 8mm
Connection	: 1/2" BSPM
Case & Bezel	: SS Casing(304)
Glass	: Plain
Mounting	W2 : Vertical with Bottom Entry fixed gland W3 : Vertical, Bottom Entry Adjustable gland W6 : Horizontal Back Entry fixed gland W7 : Horizontal Back Entry Adjustable gland
Immersion	: 75mm, 150mm, 225mm, 300mm



7. Sika Type Temperature Gauges

PARTICULARS	SPECIFICATIONS
Type	: Sika
Code	: FSTT
Stem Length	: 100mm, 200mm
Filling	: Red Liquid / Mercury
Connection	: 1/2" BSP or 3/8" BSP
Casing	: Fibre / Aluminum
Immersion	: 1.5" / 3" as desired made of BRASS or MS
Range	: 0 to 50°, 0 to 100°, 0 to 150°





210, Nagdevi Street, Mumbai - 400003

Mob: +91 99302 05150

Tel: 022 2343 8246 / 2344 5240

Email: fairdealtubescorporation@gmail.com

Website: www.fairdealtubes.com