WAAREE
Instrumentation Solutions...

STEEL CASE HIGH PRESSURE GAUGE
DIAPHRAGM

AM

SPECIAL FEATURES

- **LOW COST VERSION**
- **SUITABLE FOR GASEOUS, HIGHLY VISCOSE & LIQUID MEDIA**
- **RANGES -1 TO 25 KG/CM^2**
- **STANDARDS FOLLOWED IN GENERAL EN - 837 - 3 / IS 3624**

APPLICATIONS

AREAS OF LESS CHEMICAL EXPOSURE

SPECIFICATIONS

STANDARD VERSION : 100mm, 150mm

Accuracy	:	± 2% of F.S.
Ambient temperature	:	- 25°C to + 65°C
Process temperature	:	Max 120°C
Operating pressure	:	75 % of the Scale Value
Over pressure limit	:	130 % of Full Scale

Case	:	Steel (Painted)
Ring	:	Steel (Painted, Push Fit Type)
Top Chamber	:	Steel (Painted)
Bottom Chamber	:	AISI 316L SS
Movement	:	Brass
Diaphragm	:	Spring Steel with PTFE Protection

Dial	:	Aluminium, black graduation on white background
Pointer	:	Aluminium, black Coloured, Fixed
Window	:	Sheet Glass
Gasket	:	Neoprene

STEEL CASE HIGH PRESSURE GAUGE
DIAPHRAGM

DIMENSIONS - STANDARD VERSION

AM

TYPE - 2

NS	AK	AL	AM	AN	AO	AG	AH	AI	AT	Wt.
100	12	42	11	98.5	97	97.5	32	18	20	1.34 Kg
150	12	42	11	152.5	150	97.5	32	18	20	1.65 Kg

(*WEIGHTS MENTIONED ARE FOR STANDARD VERSION.)

Notes : • Drawings are not to scale. • All Dimensions are in mm. • NS = Nominal Size.

STEEL CASE HIGH PRESSURE GAUGE
DIAPHRAGM

AM

RANGE TABLE

Note : Waaree offers National / International Scales like kPa,Mpa,bar,psi,kg/cm^2 & Dual Scale like kPa with psi, kPa with bar, bar with psi or Equivalent scales as per the requirement can be provided on request.

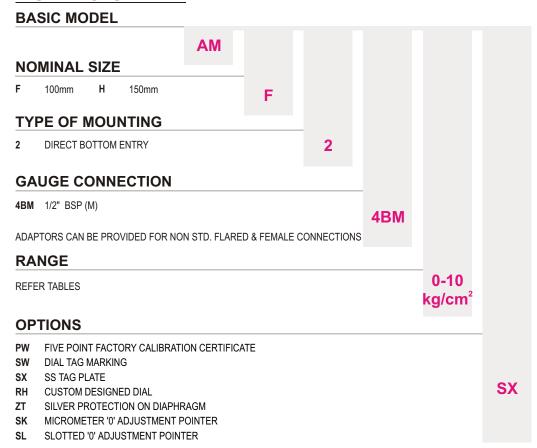**Following are the example tables for kg/cm^2 & psi scales**

PRESSURE RANGE

DUAL SCALE (kg/cm² With PSI)					
PSI	kg/cm²	PSI	kg/cm²	PSI	kg/cm²
0/15	1	0/60	4.2	0/200	14
0/30	2.1	0/100	7	0/300	21
0/50	3.5	0/150	10		

VACUUM & COMPOUND RANGE

DUAL SCALE					
inHg with PSI	mmHg with kg/cm²	inHg with PSI	mmHg with kg/cm²	inHg with PSI	mmHg with kg/cm²
- 30/0	- 760 / 0	- 30/60	- 760 / 4	- 30/200	- 760 /14
- 30/15	- 760 / 1	- 30/100	- 760 / 7	- 30/300	- 760 / 21
- 30/30	- 760 / 2	- 30/150	- 760 / 10		

HOW TO ORDER

BASIC MODEL

AM

NOMINAL SIZE

F 100mm **H** 150mm

F

TYPE OF MOUNTING

2 DIRECT BOTTOM ENTRY

2

GAUGE CONNECTION

4BM 1/2" BSP (M)

ADAPTORS CAN BE PROVIDED FOR NON STD. FLARED & FEMALE CONNECTIONS

4BM

RANGE

REFER TABLES

0-10 kg/cm^2

OPTIONS

PW FIVE POINT FACTORY CALIBRATION CERTIFICATE
SW DIAL TAG MARKING
SX SS TAG PLATE
RH CUSTOM DESIGNED DIAL
ZT SILVER PROTECTION ON DIAPHRAGM
SK MICROMETER '0' ADJUSTMENT POINTER
SL SLOTTED '0' ADJUSTMENT POINTER

SX

FLANGED CONNECTION AS PER BS/ANSI/ STANDARD WITH OR WITHOUT TEFLON PROTECTION CAN BE PROVIDED ON REQUEST.
Note : Due to continuous changes the specification may vary from time to time