

Diaphragm Sealed Pressure Gauges

"POINTER" diaphragm sealed pressure gauge are suitable for corrosive, contaminated, highly viscous, crystallizing, slurry or hot pressure media.



CONSTRUCTION FEATURES

Dial Size	: 63mm, 100mm, 150mm, 250mm
Accuracy	: $\pm 1\%$ of full scale
Case & Bezel (IP-65)	: SS 304 Snap Action Bayonet type / Crimp type
Movement	: SS 304
Pressure Element	: SS 316 (≤ 70 bar 'C' Type / > 70 bar Coil Type)
Socket	: SS 316
Dial	: Aluminum white painted with 270 degree black scale marking
Pointer	: Al. / Brass, Zero adjustment / Micro Zero Adjustment Pointer
Window	: Acrylic / Toughened / Safety glass
Blow Out Protection	: On Top / On back side at 0.6 Kg/cm^2
Over Load Protection	: 125% of f.s.d. for $\leq 150 \text{ Kg/cm}^2$ 115% of f.s.d. for $> 150 \text{ Kg/cm}^2$
Joints	: Argon arc welded
Mounting	: Stem (Bottom), Surface, Panel Mounting, Surface with capillary extension
Scale Range	: Vacuum, Compound & Pressure up to 420 kg/cm^2
Sealed Unit	
Upper Chamber Material	: SS 304
Diaphragm Material	: SS 316L / MONEL / HASTALLOY - C / TANTALUM or any other material. Teflon Coating can be provided if required
Lower Chamber	: SS 304 / SS 316 / MONEL or any other material (Threaded / Flange type)
Filling Fluid	: Silicon Oil or suitable liquid as desired by the user.

OPTIONAL FEATURES

- Different type of seals & connection available like
- Different threaded type, Open Flange Type, Flush welded diaphragm type
- Sandwich flange (cell) type, Extended welded diaphragm type, Capillary extension type.
- SMS & TC Connection for food, Biochemical & pharmaceutical industries.
- Homogenizer flange (Round or Square) Type.
- Special Connection for Pulp & Paper Industries.
- Eco Model available on request.

APPLICATION

Chemical, Petrochemical, Pulp & Paper, Food Processing industries, in water & sewage treatment plants and in electric power plant etc...