

Diaphragm Sealed Pressure Gauges

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

CONSTRUCTION FEATURES

Dial Size	: 63mm, 100mm, 150mm.
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 = 150 Kg/cm ² / 115% of f.s.d. for > 150 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



100mm Threaded Type Sealed



100mm Triclover Sealed



100mm Homogenizer Sealed



63mm Compact Type Sealed



150mm Flange End Type



150mm Capillary Type Sealed



100mm Pulp & Paper Sealed

APPLICATION

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

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.