



Diaphragm Sealed Pressure Gauges

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 .

Over Load Protection : 125% of f.s.d. for ≤ 150 Kg/cm 115% of f.s.d. for > 150 Kg/cm

Joints : Argon arc welded.

Mounting : Stem (Bottom), Surface, Panel Mounting, Surface with capillary extension.

Scale Range : Vacuum, Compound & Pressure up to 420 kg/cm . 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.