

## *DIAPHRAGM SEALED GAUGE - Technical Specs*

<b>Type:</b>	DIAPHRAGM SEALED
<b>Accuracy:</b>	± 1% of Range Span
<b>Pressure Gauge</b>	
<b>Dial Size:</b>	65, 100 & 150mm
<b>Dial Material Colour:</b>	Aluminium stove enameled white
<b>Dial Marketing:</b>	Black or White Ground
<b>Window:</b>	Clear Glass Standard
	Shatter proof glass-Optional
<b>Bourdon Tube Material:</b>	Phosphor Bronze
	AISI 316 SS
<b>Movement Material:</b>	Brass: AISI 304SS with Delrin impregnated Sector & pinion bushing
<b>Shank Material:</b>	Brass for Phosphor bronze bourdon tube
	AISI 316 SS for aIS 316 bourdon
<b>Case &amp; Bezel:</b>	Cast Aluminium weather proof with screwed inner bezel
	Stove enamelled black – Standard
	Epoxy Black Painted – Optional
	Pressed AISI 304 SS – Optional
<b>Encloser Type :</b>	NEMA – 3, IP – 54/55 & ISA –RP. 8.1 – 2B
<b>Mounting :</b>	Local (Surface/Wall/Projection)
	Flush Panel
<b>Connection Location :</b>	Bottom for Direct & Surface/Wall/Projection Mounting back for flush panel mounting
<b>Length of Capillary:</b>	Standard – 2 Meters
	Available up to 15 Meters
<b>Types of Capillary &amp; Protectio :</b>	(1) Inner copper Capillary covered with copper sheet
	(2) Innder Copper Capillary covered with ss sheet
	(3) Solid drawn SS Capillary
<b>Standard Fitments:</b>	Blow out Disc
	Micro Adjustable Pointer
<b>Standard Ranges:</b>	Pressure – 0-1, 1.6, 2, 2.5, 4, 6, 10, 16, 25, 40, 60, 100, 160, 250, 400 & 600kg/Cm2
	Vacum – 0 to 760mm Hg VAC.
	Compound – (-) 760mm Hg to 0.6.1, 1.5, 3, 5, 9, 15 &
	24Kg/Cm2
<b>Accessories Available:</b>	Shatter proof Glass, Electric contact, Booster Realy, Max, Pointer, Glycerine Filled Case, Adjustable Pulsation Dampner, 2way / 3-way Isolation Needle Valve, 2-way/3-way isolation Cock, Anti-Vibration Dampening Screw, Syphon, etc.

<b>SEALED UNIT:</b>	
<b>Construction:</b>	Diaphragm welded with SS chamber
	Diaphragm loosely placed in between top & bottom chamber
<b>Sensing Element:</b>	Diaphragm
<b>Diaphragm Material:</b>	AISI 316 L
<b>Diaphragm Protection:</b>	Teflon coating
	Teflon foil (Loose)
<b>Selling Liquid:</b>	Silicone Oil upto 150° C
	Mercury upto 300° C
<b>Top Chamber :</b>	AISI 304 SS
	Cast Iron Stove enameled Black (only for loose Diaphragm construction)
<b>Bottom Chamber &amp; Connection :</b>	AISI 316 SS –Standard
	Teflon coating – Optional
<b>Material Connection :</b>	½" BSP (M), ½" NPT (M), M20 x1.5 (M) – Standard
	Flange as per BS, ASA & DIN Standard – Optional
<b>Note :</b> Design Development wing of Unick Control System, Instrumentation Division work round the clockward, Latest and better technology, Therefore, Products supplied may from those specified herein.	