

## Schaffer & Low Pressure Diaphragm Pressure Gauges

Micro Low pressure diaphragm gauges (LPD) & Capsule gauges are suitable for low pressure measurement of dry and gaseous media, commercial heating, level measurement, gases distribution & filtration system.

### CONSTRUCTION FEATURES

- Dial Size : 100mm & 150mm.
- Accuracy :  $\pm 1\%$  of full scale.
- Case & Bezel (IP-65): SS 304 Snap Action Bayonet type.
- Movement : Brass / SS 304.
- Pressure Element : SS 316 Diaphragm / Compact capsule.
- Dial : Aluminum white painted with 270 degree black scale marking.
- Pointer : Al. / Brass, Zero adjustment / Micro Zero Adjustment pointer.
- Window : Toughened / Safety glass.
- Over Load Protection: 125% of f.s.d. for  $\leq 150 \text{ Kg/cm}^2$  / 115% of f.s.d. for  $> 150 \text{ Kg/cm}^2$ .
- Mounting : Direct Bottom entry.
- Scale Range : For Schaffer Diaphragm: 760mmHg Vacuum, Compound, 0.6 to 21 Kg/cm<sup>2</sup>.  
For Low Pressure Diaphragm : 250mmWc to 6000 mmWc.  
For Compact Capsule : 250mmWc to 6000mmWc.
- Upper Chamber Material : SS 304 / Carbon Steel Powder Coated.
- Diaphragm Material: Brass / SS 316, Teflon Coating can provided if required.
- Lower Chamber : SS 304 / SS 316, PTFE Lining provide if required. ( Threaded / Flange type ).



### OPTIONAL FEATURES

- Economic M.S. Model available on request.
- Flanged connection available on request.

### APPLICATION

Medical & Vacuum Technology, environment & heating engineering, level indication & filter monitoring.