


Low Pressure Diaphragm & Capsule Gauges



Registered No. 325327

Designed for Low Pressure Industrial Applications

 Diaphragm Gauges are suitable for measuring pressure of all kinds of fluid and gaseous medium. The measuring element is a sensitive corrugated diaphragm fixed between two flanges. For slurry and viscous liquids, flanged connections can also be incorporated. Low Pressure Bellow Capsule Gauges are designed for non-corrosive and non-aggressive application. These gauges have bellow capsule, which is composed of two corrugated metal discs of Brass/Stainless Steel joined by brazing/argon arc welding. A rise in pressure will cause the corrugated Capsule/Diaphragms to expand and this motion is transferred to the indicator through sector, pinion movement mechanism. A similar type of low-pressure built-in capsule gauge can also be offered having almost similar kind of mechanism.



Simplifying Technology

Redefining Value...

SPECIFICATIONS:-

- ★ **Dial Size:**
100mm & 150mm
- ★ **Accuracy:**
± 1.5% and ± 2% of f.s.d.
- ★ **Element :**
Diaphragm
- ★ **Element material :**
Diaphragm : S.S. 316 (Teflon or Silver protected)
- ★ **Socket material:**
Stainless Steel
- ★ **Movement material :**
S. S. 304
- ★ **Lower Chamber:**
S. S. 316/ Any Special material (Only for Diaphragm Gauge)
- ★ **Case & Bezel :**
304 SS snap action bayonet type weather proof to IP-65
- ★ **Connection :**
¼", ½" BSP/NPT (M).
'I' type flanges & Direct Flanges.
As per ASA, ANSI, DS & DIN Standard.
- ★ **Flange material:**
SS 304/SS316/ any special material/Polypropylene/Teflon/PVC
- ★ **Window:**
Glass / Toughened Glass / safety glass
- ★ **Optional Features:**
Special graduation and range on dial, other thread connection and anti-corrosive epoxy coated black paint can be provided.
- ★ **Range:**
-760 mmHg Vacuum and upto 25 kg/sq. cm for diaphragm type model & from 250 mmWC upto 10,000 mmWC for low pressure diaphragm type model

SPECIFICATIONS FOR COMPACT CAPSULE:

- Dial Size** : 63mm, 100mm & 150mm
- Accuracy** : ± 2% of f.s.d.
- Element Capsule** : Brass
- Movement** : Brass
- Socket** : Brass
- Case & Bezel** : Cast Aluminium stoved enamel black finish
- Connection** : ¼" & 3/8"
- Window** : Glass
- Range** : 250 mmWC upto 6000 mmWC



OASIS INSTRUMENTS CO.

2-2-103 to 108 Ranigunj
Ganesh Chamber, 2nd Floor
Secunderabad - 500 003
Andhra Pradesh, India
Telefax: +91-40-40025290

E-mail : oasis_instruments@yahoo.co.in, info@oasisinstruments.com

Url: www.oasisinstruments.com