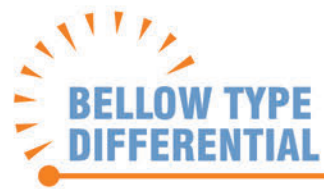


MICRO high quality bellow operated differential pressure gauges are built with stainless, chrome-nickel steels (i.e. S.S.316 or better) mounted on a force balance frame, enables direct reading of the actual differential Pressure. They can be used under all operational conditions, practically without limitations. Their concept combines sturdy design and high measuring accuracy. Each bellow of the instrument can withstand full static pressure without any damage or shifting being caused to the instrument.



PRESSURE GAUGES

Technical Specifications: (Confirming to EN-837)



Bellow Operated Diff. Gauge

- **Nominal size :**
Ø 150 mm
- **Accuracy :**
Up to 1 bar ±1.6% of FS
1 bar to 6 bar ±1% of FS
- **Case & Bezel :**
SS 304 case with Snap Action bayonet lock type bezel (SS 316 Optional)
- **Ingress Protection :**
IP 65 as per EN 60 529 or IS/IEC 60 529
IP 68 as per IS/IEC 60 529 - Optional
- **Pressure element – Bellows :**
SS 316
- **Static Pressure :**
Up to Ranges 0.6 bar : 6 bar
1 bar to 2.5 bar : 25 bar
4 to 6 bar : 40 bar
- **Movement :**
Accurate amplifying SS 304 Movement driven by means of flexible blades attached to force balance welded frame
- **Socket :**
SS 316
- **Dial :**
Aluminium – Pre-coated White with black marking
- **Pointer :**
Aluminium – Black Finish Micro Zero Adjustment
- **Window :**
4 mm thick Toughened Glass
(Safety / Shatter Proof Optional)
- **Joints :**
Argon welded
- **Sealing gasket :**
Neoprene Rubber (EPDM Optional)
- **Blow out protection :**
Neoprene Rubber (EPDM Optional)
- **Pressure relief :**
Top of Case with Vent Valve (On Request)
- **Process Connection – (HP & LP) :**
1/4" / 3/8" / 1/2" BSP / NPT / BSPT (Male)
M20 X 1.5 (Male)
- **Permissible temperature :**
Ambient : -25°C to 60°C
Process : Maximum 100°C
- **Type of mounting :**
Bottom Connection Direct Mounting
Bottom Connection Surface Mounting
Pipe or Yoke Mounting
- **Differential Pressure ΔP range :**
1000 mmWc... 4000 mmWc ... up to 6 bar
- **Optional Available features :**
 - Liquid Filled Case
 - Electrical Contact
 - Pressure Equalizing Valve
 - Maximum pointer Follower
 - Diaphragm Seal unit suitable to process medium with Capillary Extension

APPLICATION

- Refineries
- Chemicals & Petrochemicals Plant
- Water & Waste water pressure control
- Mining & Metal for Air
- Gas & Filter Application