

## PRESSURE INSTRUMENTS



Snubber

- **Snubber (Adjustable Pulsation Dampner):** Snubber is intended to suppress the effect of sudden pressure pulses and fluctuation of pressure peak. It is provided with adjustable needle screw to restrict the flow as per operating condition to enhance service life of a pressure instrument.

**MOC** : SS 304 / SS 316 / SS 316L / Brass  
**Connection** : 1/4" / 3/8" / 1/2" BSP / NPT / BSPT (M X F)  
**Max. Pressure** : 400 bar / 6000 lb/in<sup>2</sup>



Needle Valve

- **Needle Valve / Bleed Valve:** Needle Valves are intended to isolate the pressure instrument from pressure medium or to throttle and to damp pressure pulses. These are available with a variety of end connections with female ends and male-female ends.

**MOC** : SS 304 / SS 316 / SS 316L  
**Connection** : 1/4" / 3/8" / 1/2" / 1" BSP / NPT / BSPT (M X F) / (F X F)  
**Max. Pressure** : 400 bar / 6000 lb/in<sup>2</sup> - standard  
 600 & 1000 bar - optional



Two Way Gauge Cock    Three Way Gauge Cock

- **Gauge Cocks:** Gauge Cocks are economical to isolate pressure instrument from process fluid. Available in 2-Way as well as 3-Way. 2-Way provides isolation of the instrument and 3-Way has an additional provision of drain (Vent).

**MOC** : SS 304 / SS 316 / SS 316L  
**Connection** : 1/4" / 3/8" / 1/2" BSP / NPT / BSPT (F X F) for 2-Way & (M X F X F) for 3-Way. Others on Request  
**Max. Pressure** : 100 bar / 1500 lb/in<sup>2</sup>  
**Vent Hole** : Optional for 2-Way



Push to Read Valve    Gauge Saver

- **Gauge Saver:** Gauge Savers are intended to protect pressure instrument against the effect of pressure that exceeds the maximum pressure rating of a pressure instrument.

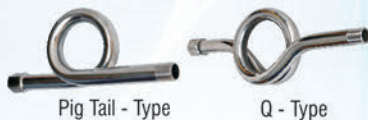
**MOC** : SS 304 / SS 316 / SS 316L  
**Connection** : 1/4" / 3/8" / 1/2" BSP / NPT / BSPT (M X F)  
**Range** : 0.2 to 400 bar  
**Max. Pressure** : 400 bar / 6000 lb/in<sup>2</sup>



U - Type    Flat U - Type

- **Gauge Siphons:** Siphons are intended to protect pressure instrument from the effect of high temperature pressure medium such as steam etc. and also to reduce the effect of pressure surge. The hot medium condensate inside the coil of siphon tube and prevent the direct contact.

**MOC** : SS 304 / SS 316 / SS 316L / Carbon Steel  
**Connection** : 1/4" / 3/8" / 1/2" BSP / NPT / BSPT (M X M) Standard (M X F Optional)  
**Types** : U-Type, U-Flat Type, Pig Tail Type, Q-Type  
**Pipe Size** : 3/8" / 1/2" SCH. 40 / 80 / 160



Pig Tail - Type    Q - Type

- **2 Valve Manifold:** These Manifolds provides direct mounting features with isolation, drain and calibration in a single unit. These types of manifolds can be directly mounted on static pressure instruments to eliminate several parts and joints.

**MOC** : SS 304 / SS 316 / SS 316L  
**Connection** : Threaded / Flanged  
**Max. Pressure** : 400 bar / 6000 lb/in<sup>2</sup>  
**Types** : 'R' & 'T'



R - Type    T - Type