Why Mass® Anti-Vibration Gauges?

It most process plants there are two types of vibrations that a pressure gauge has to endure 1) Pressure Pulsation 2) Mechanical Vibration. Because of this it is difficult to measure the reading accurately, also this vibrations affects the life of the gauge adversely. To overcome this standard practice is to use an additional Dampener/Snubber for Pressure Pulsation & Glycerin filled gauges for Mechanical Vibration. This makes the gauge assembly bigger and bulkier. Thanks to continuous research and advancement in technologies there are alternatives, like the Mass® Anti-Vibration gauge. The Anti-Vibration system from Mass® fights against both types of vibrations and enables the user to accurately measure the pressure and prolongs the life of the instrument.

How It Works?

The moving components of the Anti-Vibration Gauge are designed with smaller tolerances and a specially designed movement. The tight tolerances reduce the unnecessary movement restricting excess wear & tear of parts. And the movement contains a system that uses a **special dampening assembly with viscous jelly** that absorbs the vibration and does not allow it to be reflected on the Needle of the gauge.

Advantages of Mass® Anti-Vibration Gauges

- Longer Life of the gauge, reduced cost of ownership
- Better readability due to Vibration & Pulsation free steady pointer
- Common inventory for all applications (whether Dry or liquid filed gauges)
- No Case Glycerin Leakage problems
- Higher media temperature compatible compared to Glycerin Filled Gauge
- Reduced weight of gauge reduces transportation costs.
- No visibility issue (Glycerin in filled gauges turn yellow over time)
- No liquid filling means lower environmental pollution hazard

Use code “AV” in applicable products to avail this feature.