

- Dry Gauge • #304 Stainless Steel Case • 1.5% Full Scale Accuracy
- Ambient-Process Temp: - 58°F To + 200°F, -50°C To +93°C • Meets ASME B40.100 Standards

The ≡QUALIZER™ Pressure Gauge Series

These gauges are dry gauges that come with a dampening movement that eliminates pointer flutter caused by vibration and pulsation. This makes pressure reading much easier. No more worries of fill fluid leaking or compatibility issues with the process media. Gauges can be easily serviced without the hassle of draining and refilling the case with fluid.

≡QUALIZER™

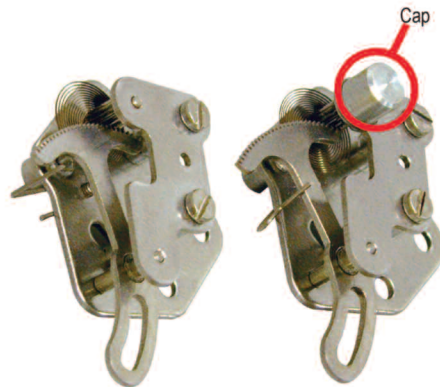
- Dampens vibration and pulsation
- Eliminates leaks and discolouration
- Can be used at higher temperatures than glycerine filled gauges
- Provides ease in reading
- Reinforced lightweight design



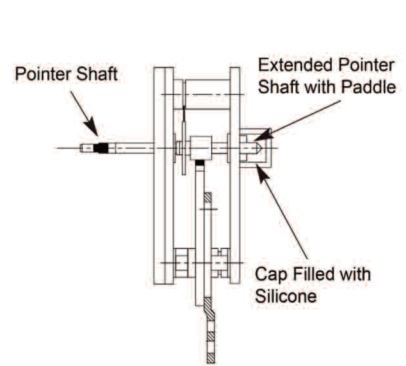
PG-60ZRSD25

How it works

The pointer shaft is extended through the back of the movement with a small flat paddle affixed to the end of the shaft. A stainless steel cap filled with silicone is pressed over the end of the shaft, covering the paddle. This creates enough resistance to dampen the pointer and movement just as if the gauge is liquid filled, but without the condenser.



Standard Movement ≡QUALIZER™ Movement



Testing Standards

250,000 cycle testing was performed on ≡QUALIZER™ and glycerin filled gauges side-by-side. The performance of the ≡QUALIZER™ gauges were comparable to that of glycerin filled gauges.

Ambient/Process Temp. -58°F to 200°F (-50°C to 93°C), without the possibility of liquid freeze-up.

Reference Gauge Pressure (psi)	≡QUALIZER™ (ZR) Series (% accurate)	Liquid (glycerine filled) (% accurate)
100	99.6	99.8
200	99.3	99.2
300	99.8	99.3
400	99.3	99.6

Average 99.5 %

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