

# AT LAST ... A GAUGE SAVER THAT CAN'T FAIL !

## Wherever there is a pressure gauge there is an application for a Semmler Gauge Saver

Semmler Gauge Savers are 100% Australian made. Our sealed snubber provides steady pulsation free flow to sensitive pressure recorders. Semmler Gauge Savers act by dampening pressure pulsations to ensure a steady accurate gauge reading and removing the chance of pressure gauge damage.

Semmler Gauge Savers are invaluable with contact gauges. They can be quickly installed in the field and suitable for all ranges of pressure up to 10,000 p.si. - 69,000 k.Pa.

- **Prevents gauge damage**  
Accurate gauge reading removes the chance of pressure gauge damage
- **Quick installation in the field**  
Save time with quick installation in the field
- **Lasting gauge accuracy, longer life**  
Save money with longer life pressure gauges
- **Easily dismantled for cleaning \***  
Simply unscrew the tip insert to clean out clogging fluids  
\* High Tensile models cannot be dismantled
- **Suitable for all ranges of pressure**  
Up to 10,000 p.s.i. - 69,000 k.Pa.
- **Automatic pressure line seal**  
In case of Bourdon Tube failure
- **Dampens sudden pressure pulsations**  
Provides steady pulsation free-flow to sensitive pressure recorders
- **Variable restriction**  
Change gauge saver fluid viscosity for variable restriction
- **Flush, surface or direct mounted**  
Suitable for use with flush, surface or direct mounted pressure gauges



Listed and installed throughout major industries in Australia and overseas. **Tested and Recommended** by leading instrument makers.

## Pressure Recommendations

### Brass

2,000 p.s.i. - 13,000 k.Pa.

### Stainless Steel (316) \*

3,000 p.s.i. - 20,000 k.Pa.

### High Tensile Steel

10,000 p.s.i. - 69,000 k.Pa.\*

\* SAF 2205 and SAF 2507 available on request

## Technical Exclusives

### Restrictor Plug

Standard Restrictor Plugs are fitted to all stock Gauge Savers. Stronger dampening can be effected by using heavier sack fluids or in extreme cases, alternate Restrictor Plugs are available.

### Fluid Sack

Viton fluid sacks are standard in all brass and high tensile steel Gauge Savers. Suitable for use with most commercial fuels, oils, acids and solvents. Stainless Steel Gauge Savers used with acids are fitted with Type E.P. fluid sacks. Refer special applications to your distributor.

### Installation

All Semmler Gauge Savers are fluid filled and ready for immediate installation. Simply remove the liquid retaining plug and screw directly and tightly to the gauge before connecting to the pressure line. Care should be taken against loss from the fluid supply. It is recommended that the Bourdon Tube of a pressure gauge previously used on a dirty pressure line, be rinsed clean prior to installation. *Do not apply internal pressure to the sack.*

### Refilling

If reservoir depletion occurs through accidental or Bourdon Tube failure, unscrewing the restrictor plug permits the sack to be refilled. Replace the restrictor plug and drain off any excess fluid in the Insert Well above the restrictor plug before reconnecting to the gauge.

## Sizes

Threads: 1/4", 3/8", 1/2" BSP and NPT

Maximum body length 140mm

Body width 35mm

## Operation

### Dampens pressure pulsations

Semmler Gauge Savers dampen pressure pulsations, ensuring steady accurate gauge readings while removing the chance of damage. Line pressure surrounding and compressing the fluid sack forces liquid through the restrictor into the Bourdon Tube accurately recording line pressure on the gauge

### Suitability

Semmler Gauge Savers are suitable for use with all flush, surface or direct mounted pressure gauges. In use with oxygen or other gases or fluids incompatible with oil, the gauge saver fluid supply should be replaced with suitable fluid ie: silicone

### Cleaning

Semmler Gauge Savers are easily dismantled for cleaning. To service and clean, unscrew the top insert, rinse or steam clean, To prevent loss of fluid from the fluid supply it is important the gauge remains connected to the snubber during cleaning. Removal of top insert allows replacement of the fluid sack.

Note: Semmler Gauge Saver will not indicate vacuum when used in conjunction with vacuum or compound gauges