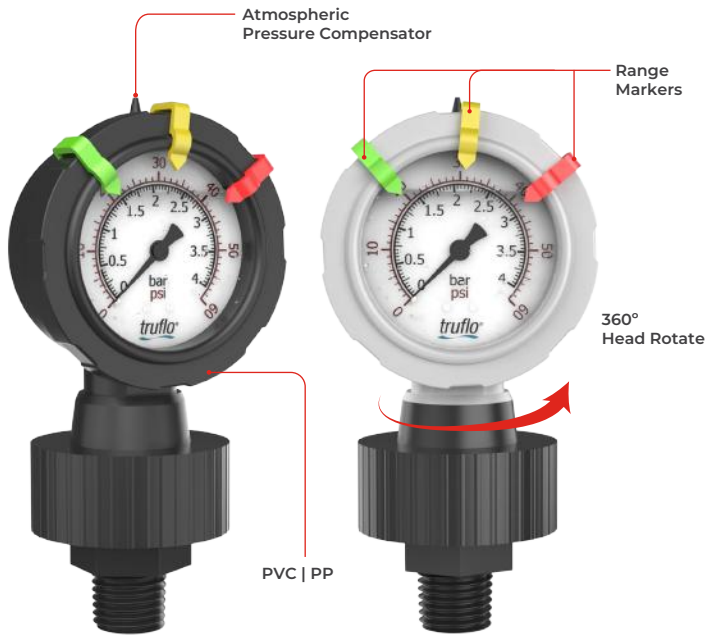


OBS-R SERIES

Rotating Pressure Gauge & Gauge Guard



- ✓ All Plastic One Piece Design
- ✓ No Filling or Assembly Required
- ✓ Industry's Most Accurate | $\pm 1.5\%$



Features

- ✓ Industry's Most Accurate | $\pm 1.5\%$
- ✓ PVC | PP
- ✓ Teflon® Bonded Diaphragm
- ✓ Large 2 1/2" Dial | Rotatable
- ✓ All Plastic | Completely Corrosion Resistant
- ✓ Dual Scale | psi | bar

Integral Molded Gauge | Gauge Guard

- ✓ No Filling or Assembly Required
- ✓ Increased Accuracy Compared to 2 Piece Gauge + Gauge Guard
- ✓ Convuluted Teflon® Diaphragm for Higher Sensitivity



Cutting-Edge One-Piece Plastic Pressure Gauges for Corrosive Environments

The OBS-R Series is the industry's only integral molded one-piece plastic pressure gauge and gauge guard. Gauge guards are utilized to protect the pressure gauge from any corrosive media in the process system via an isolator.

OBS-R Pressure Gauges are a one-piece design and come factory pre-filled, resulting in an industry leading accuracy of 1.5%. Eliminating the need for filling saves the user time and the difficulty of having to fill a gauge isolator.

The 3 movable red, yellow and green range tabs are designed to act as a visual pressure alert for bag or filter change-outs.

The OBS-R Series is available in PVC & PP, all equipped with a Teflon® Diaphragm, making the entire unit completely corrosion resistant and the perfect pressure gauge for chemical applications.

Engineering the entire body in a plastic housing rather than just the gauge guard allows users to be confident that the complete unit will stand up in even the most corrosive environments.

Pressure Range Markers

- ✓ Notification for Filter | Strainer Change Out
- ✓ Easily Customizable to your Process Conditions
- ✓ Eliminates Manual Marking on Gauge
- ✓ Red | Yellow | Green - Markers



Factory Pre-Filled

- ✓ Reduces Installation Time
- ✓ Increases Accuracy
- ✓ Eliminates the Mess of Self Filling
- ✓ Removes Air Bubble Issues

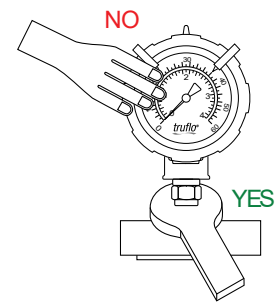


Specifications

| | |
|-----------------------|-----------------------------------|
| Mounting | Direct Mount Bottom Connection |
| Process Connection | ½" MNPT FNPT G Flanged |
| Measuring Principle | Bourdon Tube 316SS |
| Pressure Ranges psi | 0-30 0-60 |
| Lens | High Impact Polycarbonate |
| Filling | Glycerin Silicon* Halocarbon* |
| Accuracy | ± 1.5% |
| Operating Temperature | PVC - 140°F PP - 190°F |
| Dial Diameter | 2 ½" |

Installation Instructions

- Do not tighten by grasping the case of the gauge as this may cause damage. Always Pressure Test Connections for Leaks with Water Prior to Use on Chemical Service
- Before installing the OBS-R Series pressure gauge, ensure attention is given to the Process Liquid, Chemical Compatibility, Temperature, Vibration, Pressure Spikes, and other climatic and application conditions that may adversely affect the performance.
- The user shall ensure that the correct gauge pressure range and the correct materials of construction are selected.



Temperature | Pressure Graphs | Non Wetted

Note: The Pressure/Temperature graphs are specifically for the Truflo® Pressure Gauges. During system design the specifications of all components must be considered.

■ = PVC ■ = PP ■ = PVDF

Model Selection

OBS-R - P - 0-30 - M

| Body Material | Pressure Range Psi | Connection |
|--------------------|--------------------|--|
| P - PVC PP - PP | 0 - 30 0 - 60 | F - 1/2" FNPT M - 1/2" MNPT G - G Thread FL - Flanged |

