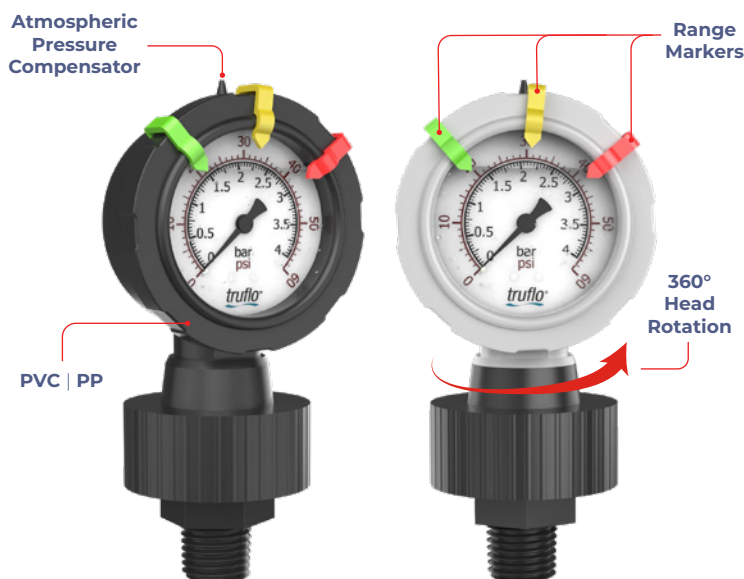


Truflo® — OBS-R 360 SERIES

Rotating Pressure Gauge & Gauge Guard

ICON™ Corrosion-Free
PROCESS CONTROLS Instrumentation Equipment™

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



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.

Features

- ✓ Large 2½" Dial | Rotatable
 - ✓ PVC | PP
 - ✓ Teflon® Bonded Diaphragm
 - ✓ All Plastic | Completely Corrosion Resistant
 - ✓ Dual Scale | psi | bar (standard)
- *psi | kPa when < 0-60psi*

Integral Molded Gauge | Gauge Guard

- ✓ Protect Internals of Gauge from Corrosive Liquids
- ✓ PTFE Teflon® Bonded Diaphragm
- ✓ PVC | PP | PVDF

Factory Pre-Filled

- ✓ Reduces Installation Time
- ✓ Increases Accuracy
- ✓ Eliminates the Mess of Self-Filling
- ✓ No Air Bubbles



Pressure Range Markers

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



Model Selection

OBS-R — 360° Pressure Gauge		
Size	Part Number	Material
¼" NPT 316SS	OBS-R-PP-0-30	PP 316SS PVC
¼" NPT 316SS	OBS-R-PP-0-60	PP 316SS PVC

½" FNPT is standard

Add Suffix -

'M' - Male ½" NPT

'F' - Flanged

'S' - ½" Socket

Consult Factory for Flanged Pricing | Alternative Pressure Ratings



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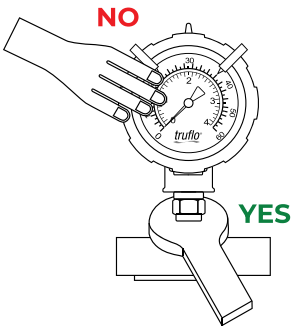
Technical Specifications

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
Fillings	Glycerin Silicon* Halocarbon*
Accuracy	± 1.5%
Operating Temperature	PVC: 140°F 60°C PP: 190°F 88°C
Dial Diameter	2½"
Standards & Approvals	CE FCC RoHS Compliant

*Optional

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-Shock

NOTE: The pressure/temperature graphs are specifically for the Truflo® Pressure Gauges, during system design the specifications of all components must be considered.

