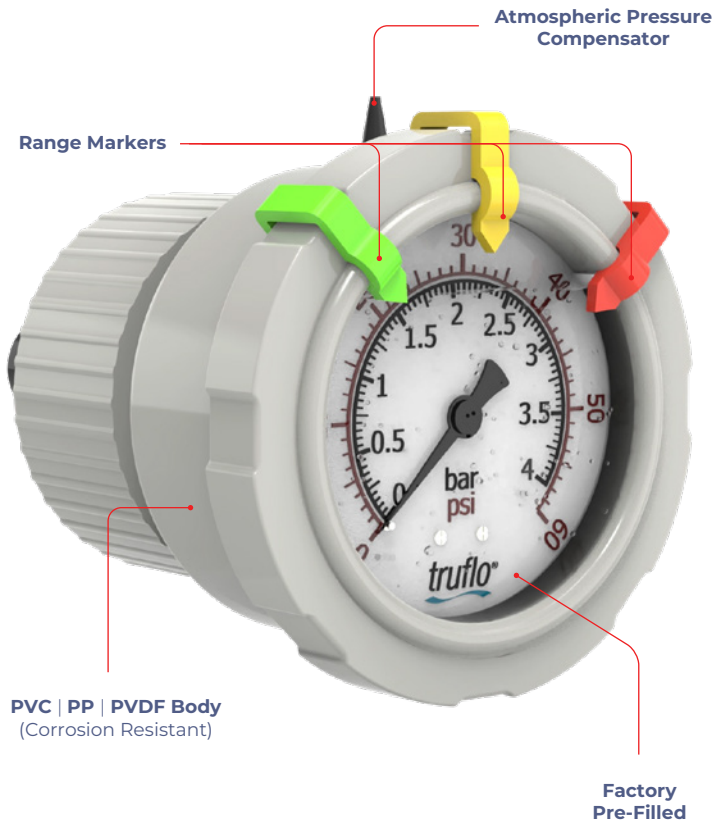


Truflo® — OBS-B Series

Center Mount Pressure Gauge & Gauge Guard

ICON™ Corrosion-Free
PROCESS CONTROLS Instrumentation Equipment™

- ✓ All Plastic One-Piece Design
- ✓ No Filling or Assembly Required
- ✓ Completely Corrosion Resistant



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



Features

- ✓ Industry's Most Accurate | $\pm 1.5\%$
- ✓ PVC | PP | PVDF
- ✓ Teflon® Bonded Diaphragm
- ✓ Large 2 1/2" Dial
- ✓ Dual Scale | Psi | Bar

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

The **OBS-B 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-B 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-B Series is available in PVC, PP & PVDF, 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 withstand even the most corrosive environments.

Integral Molded Gauge | Gauge Guard

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

PVC

PP

PVDF

PTFE



RoHS
Compliant

CE

1.800.561.8187

www.**itm**.com

information@itm.com

Truflo® — OBS-B Series

Center Mount Pressure Gauge & Gauge Guard

Specifications

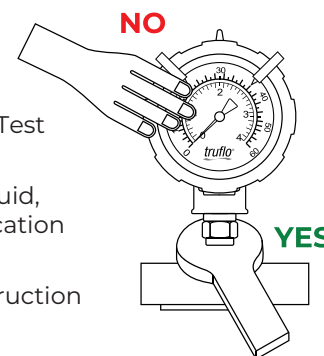
Mounting	Direct Mount Bottom Connection
Process Connection	½" MNPT FNPT G Flanged
Measuring Principle	Bourdon Tube 316SS
Pressure Ranges Psi	0-15 0-30 0-60 0-100 0-160 0-200
Lens	High Impact Polycarbonate
Filling	Glycerin Silicon* Halocarbon*
Accuracy	± 1.5%
Operating Temperature	PVC: 140°F 60°C PP: 190°F 88°C PVDF: 240°F 115°C
Dial Diameter	2 ½"
Standards & Approvals	CE FCC RoHS Compliant

*Optional

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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-B 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.

Model Selection

OBS-B — Gauge + Guard Combo		
Size	Part Number	Material
½"	OBS-B-P-0-X	PVC
½"	OBS-B-PP-0-X	PP
½"	OBS-B-PF-0-X	PVDF

X = Max. Pressure

15 ▶ 0 - 15 Psi

30 ▶ 0 - 30 Psi

60 ▶ 0 - 60 Psi

100 ▶ 0 - 100 Psi

160 ▶ 0 - 160 Psi

200 ▶ 0 - 200 Psi

End Connection Options:

Socket PVC

Flanged PP | PVDF

Butt Fused PP | PVDF

½" FNPT is standard

Add Suffix -

'M' - Male ½" NPT

'F' - Flanged

'S' - ½" Socket

*Consult Factory for Alternative Pressure Ratings

