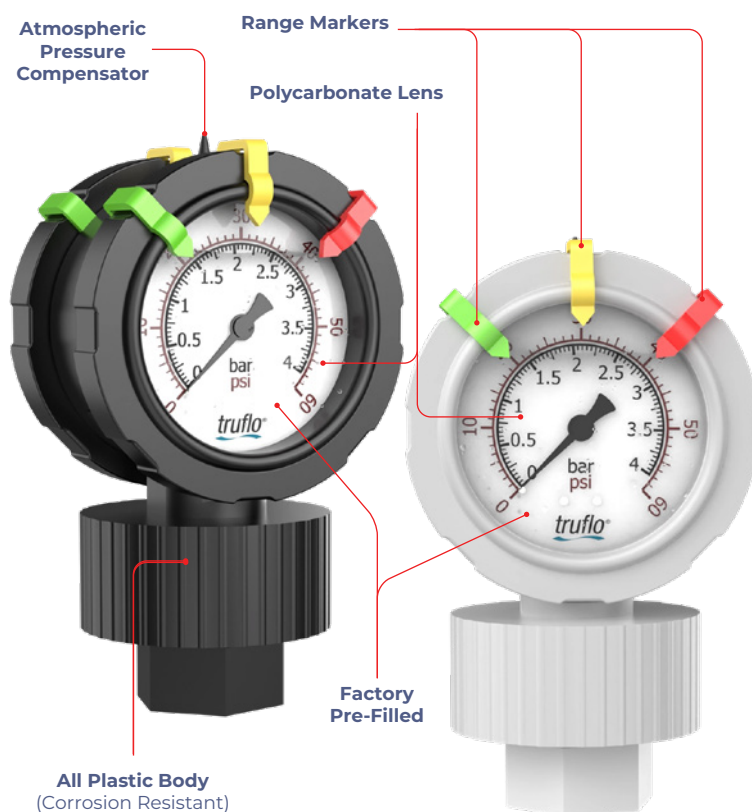


Truflo® — OBS 2VU Series

2 Sided Pressure Gauges

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

PVC

PP

PVDF

PTFE



1.800.561.8187

www.itm.com

Features

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

truflo®

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

The OBS 2VU 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.

The OBS 2VU Pressure Gauges are a one-piece design and come factory pre-filled, resulting in an industry leading accuracy of $\pm 1.5\%$. 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 (each side) are designed to act as a visual pressure alert for bag or filter change-outs.

The OBS 2VU 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 stand up in even the most corrosive environments.

Integral Molded Gauge | Gauge Guard

- ✓ Convuluted Teflon® Diaphragm for Higher Sensitivity
- ✓ Increased Accuracy Compared to 2 Piece Gauge + Gauge Guard
- ✓ Highly Corrosion Resistant
- ✓ Suitable for Chemical Applications



Integral Guard

Teflon® Diaphragm

information@itm.com

Truflo® — OBS 2VU Series

2 Sided Pressure Gauges

Specifications

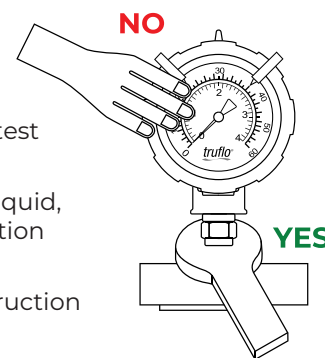
truflo®

Mounting	Direct Mount Bottom Connection
Process Connection	½" MNPT FNPT G Threaded 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 PP : 190°F PVDF : 240°F
Dial Diameter	2 ½" Double Sided
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-2VU 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

2VU — Double Sided Gauge + Guard Combo		
Size	Part Number	Material
½"	2VU-P-0-X	PVC
½"	2VU-PP-0-X	PP
½"	2VU-PF-0-X	PVDF

X = Max Pressure

- 15 ▶ 0 - 15 Psi 100 ▶ 0 - 100 Psi
30 ▶ 0 - 30 Psi 160 ▶ 0 - 160 Psi
60 ▶ 0 - 60 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' - ½" Flanged 'S' - ½" Socket 'B' - ½" Butt Fused

Consult Factory for Alternative Pressure Ratings

