

DATA SHEET

truflo®



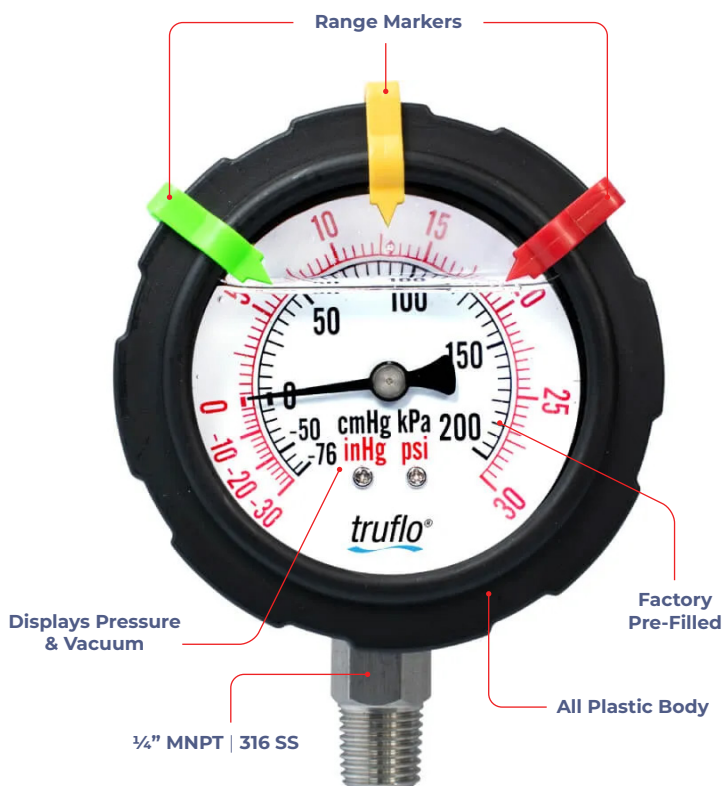
Please call:
BURT PROCESS EQUIPMENT
800-577-8111 for SALES and SUPPORT.
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Truflo® — OBS-V Series

Plastic Compound | Vacuum Gauge

ICON™ Corrosion-Free
PROCESS CONTROLS Instrumentation Equipment

- ✓ Measures -30inHg - +30 Psi | Vacuum
- ✓ Highest Accuracy in the Industry | $\pm 0.75\%$
- ✓ No Filling or Assembly Required



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
- ✓ No Air Bubbles

PVC

PP

PVDF

PTFE

316SS



RoHS
Compliant



Features

- ✓ Large 2 1/2" Dial
- ✓ Completely Corrosion Resistant Externals
- ✓ Dual Scale | psi | kPa
- ✓ Suitable for Pulsing Applications
- ✓ Perfect Mate for GI Series Gauge Guards

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Cutting-Edge Compound Pressure Gauges for Corrosive Environments

The OBS-V Series Pressure Gauge is the industry's most accurate pressure gauge on the market. With a thermoplastic polypropylene enclosure, OBS-V series gauges were engineered to last in the most corrosive environments.

A 1/4" MNPT 316 SS connection comes standard on all OBS-V Pressure Gauges. This connection allows for them to be a perfect mate with our GI Series Gauge Guards when dealing with extremely corrosive chemicals.

Gauge guards are utilized to protect the pressure gauge from any corrosive media in the process system via an isolator.

OBS-V Pressure Gauges come factory pre-filled, allowing us to achieve an industry leading accuracy of $\pm 0.75\%$.

Each OBS-V Pressure Gauge is equipped with Color Range Tabs. These 3 movable red, yellow and green range tabs are designed to act as a visual pressure alert for bag or filter change-outs.

GI Series Gauge Guard

- ✓ PTFE Teflon® Bonded Diaphragm
- ✓ 1/2" NPT Process Connection
- ✓ Glass Filled PP Bonnet
- ✓ PVC | PP | PVDF Body



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Specifications

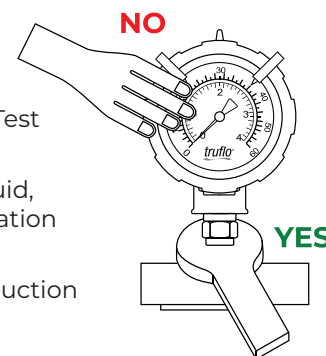
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Mounting	Direct Mount Bottom Connection
Process Connection	¼" MNPT
Measuring Principle	Bourdon Tube 316SS
Pressure Ranges psi	-30 to +30
Lens	High Impact Polycarbonate
Filling	Glycerin Silicon* Halocarbon*
Accuracy	± 0.75%
Operating Temperature	PP - 190°F
Dial Diameter	2 ½"
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-V 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.

■ = PP

Model Selection

OBS-V — Pressure Gauge		
Size	Part Number	Material
¼" NPT	OBS-V-PP	PP 316SS

Consult Factory for Alternative Pressure Ratings

GI Series — All Plastic Gauge Guard	
Part Number	Material
GI-P	PVC-Teflon® Bonded EPDM
GI-PP	PP-Teflon® Bonded EPDM
GI-PF	PVDF-Teflon® Bonded EPDM

