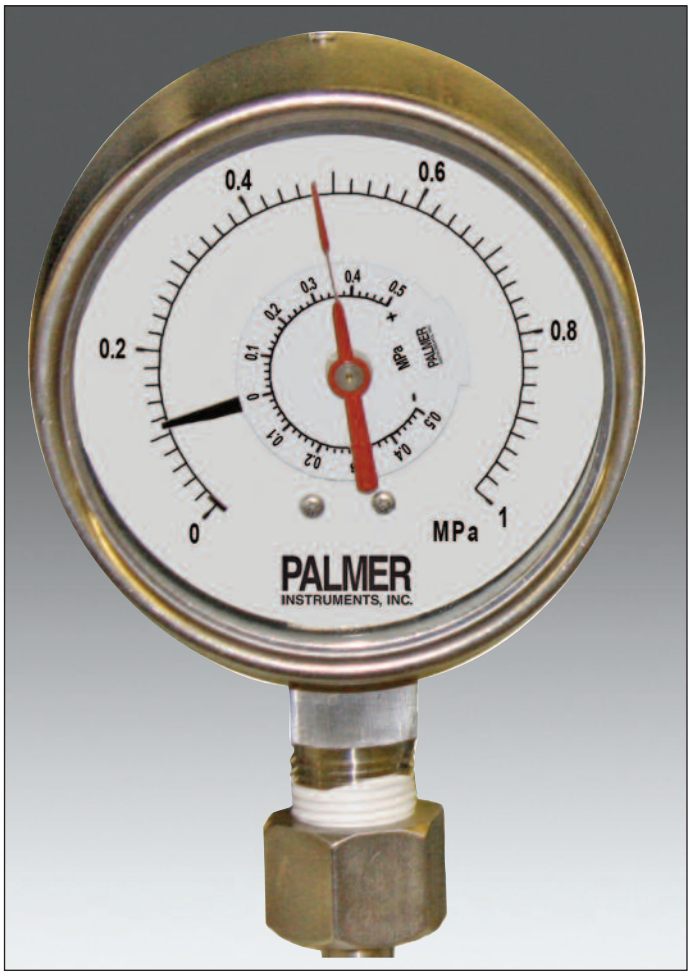
Model 40MS • Differential Gauges with Double Bourdon Tube



40MS Stainless Steel Case Pressure & Differential Gauge with Stainless Steel Internals for Use in Corrosive Environments

High, Low, and Differential Pressures
Read all three at a glance!

Palmer Instruments 40MS Industrial Strength Differential Pressure Gauge features double bourdon tube construction. This versatile gauge allows you to see the high and low pressures, as well as the differential between the two – with just a quick glance. The black pointer indicates the low on the outer scale; the red, knife-edge pointer indicates the high on the outer scale, and allows for direct reading of the differential pressure on the inner scale.

Specifications

Double Bourdon Tubes allow for differential pressure measurement.

Case: 304 SS 4" (100mm) diameter.

Fill: Dry.

Ring: 304 Stainless Steel Bayonet Connection.

Window: 3mm Instrument Quality Glass.

Socket: 316 Stainless Steel.

Connection: 1/2" NPT.

O-Ring and Blow-out Vent: Rubber.

Double Bourdon Tubes: 316 Stainless Steel.

Movement: 316 SS with wear-resistant Stainless Steel gears.

Pointer: Red Aluminum knife-edge pointer indicates both the primary or high pressure, and the differential. Black Aluminum pointer indicates low pressure. Difference is calculated by:

$$\Delta P = (P+)(High) - (P-)(Low)$$

Dial: Two white Aluminum dials with black numerals and graduations in accordance with ASME B40.1 -2005.

Welding: AISI 316 Stainless Steel, TIG Argonarc.

Accuracy: ± 1% of Full Scale.

Operating Medium Temperature: 100°C.

Ambient Temperature: -4° to 140°F (-20° to +60°C).

IP45 COMPLIANT

Ordering Guide

1) Case Size
- **40** 4" (100mm)

2) Case Material / Style
- **M** Stainless Steel Pressure & Differential Gauge

3) Element Material
- **S** Stainless Steel Bourdon Tube

4) Fill
- **D** Dry

5) Mounting
- **L** Stem Mount, Lower Connected
- **H** Flush Mount, Lower Connected, Front Flange
- **I** Surface Mount, Lower Connected, Rear Flange

6) Connection
- **H** 1/2" NPT

7) Range / Scale

PSI Ranges

15#	0-15psi
30#	0-30psi
60#	0-60psi
100#	0-100psi
160#	0-160psi
200#	0-200psi
300#	0-300psi
400#	0-400psi
800#	0-800psi

8) Options
- **V** 1/2" to 1/4" SS Adaptor

TRACEABLE TO NIST · ONE YEAR 1 WARRANTY

Register your product at www.palmerwahl.com/register

Specifications subject to change without notice.