McDANIEL

Stainless Steel Case Utility Gauges

“For the price-conscious buyer . . .

McDaniel designed its utility gauges for the price-conscious buyer and user who have an emphasis on maintaining quality and accuracy in a general purpose gauge.

Our utility line offers trusted McDaniel quality in an economical package. Special consideration given to rigorous McDaniel standards for durability, accuracy, and quality of construction.

Our Series 7: General purpose stainless steel case utility gauges with brass internals. Designed for applications with a corrosive atmosphere.

Standard features include a restrictor screw (removable) in the inlet port for pulsation dampening.

. . . and quality user.”

SPECIFICATIONS

Accuracy:
ASME B40.1 standard (Grade B) (3 – 2 – 3%)

Dial:
White enameled aluminum. Black figures.

Case:
304 Stainless steel.

Pointer:
Black enameled aluminum.

Lens:
Polycarbonate.

Precision Movement
Brass.

Bourdon Tube:
Copper alloy (C Form 600 PSI & below).
Phosphorous bronze (Spiral 800 PSI & above).

Temperature Utilization:
-4 + 176 degrees Farenheit.
-20 + 80 degrees Celsius.

Pressure Utilization:
Static: 75% maximum scale.
Dynamic: 66% maximum scale.

Stem and Socket:
Brass. Restrictor screw standard. (removable)
R7 = 1/8” NPT (1/4” NPT special order available)
T7 = 1/4” or 1/8” NPT available
J7 = 1/4” NPT (1/8” NPT special order available)

Dial Sizes / Ranges Available
1 1/2” - (R7) / Vac, Comp, Rec 3-15, up to 5,000 psi
2” - (T7) / Vac, Comp, Rec 3-15, up to 5,000 psi
2 1/2” - (J7) / Vac, Comp, Rec 3-15, up to 15,000 psi

Configurations Available:
Bottom connected standard
(L) = Center-back connected
(P) = Front flange, Center-back connected

McDaniel Controls, Inc.
P. O. Box 187, Luling, LA 70070 • 14148 Highway 90, Boutte, LA 70039 U.S.A.
(985) 758-2782 • New Orleans (504) 467-1333 • Fax (985) 758-1688
www.mcdanielcontrols.com
**HOW TO ORDER**

1. Select the model number (R7, T7, or J7)
2. Specify range code from list at left.
3. Specify mounting code:
   - (Bottom connection is standard, no code)
   - “L” = (Center-back connection)
   - “P” = (Panel mount w/front flange, Center-back connection)
4. Specify any other special configurations or options. (special NPT size, dual-scales, etc.)

**Special Configuration Adder Codes**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>B</td>
<td>psi/Bar (dual scale) (nonstock)</td>
</tr>
<tr>
<td>K</td>
<td>psi/kPa (dual scale) (nonstock)</td>
</tr>
<tr>
<td>¹⁄₈</td>
<td>¹⁄₂” NPT (use on T7 (stock), and J7 non stock)</td>
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**McDaniel also makes gauges in other materials; in sizes and ranges to fit a wide variety of applications, and in many special configurations.**

Ask your representative about McDaniel gauges with stainless steel or Monel® internals, all brass or all stainless steel gauges, test gauges, or other requirements.

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