Bourdon Tube Pressure Gauges
Cast Aluminum Black Enameled Finish
Ni-Span C® / Stainless Steel Parts

Test Series • Accuracy ± 0.25% of Span • Type 341.11
Test Series • Accuracy ± 0.10% of Span • Type 342.11

Pressure Gauges

Application
Pressure gauge for testing, calibration and laboratory measurement. Fluid medium does not clog port or corrode Ni-Span C® and stainless steel.

Size
10” (250 mm)

Accuracy
341.11: ± 0.25% of span (ASME Grade 3A)
342.11: ± 0.10% of span (ASME Grade 4A)

Ranges (All ranges not stocked)
Vacuum / Compound to 30°Hg / 0 / 200 PSI
Pressure from 10 PSI to 20,000 PSI
or other equivalent units of pressure or vacuum

Calibrating medium
≤ 400 PSI: gas
> 400 PSI: oil

Working Range
Steady: Full scale value
Fluctuating: 0.9 x full scale value

Operating Temperature
Ambient: -4°F to 140°F (-20°C to 60°C)
Media: max. 212°F (+100°C)

Temperature Error
Additional error when temperature changes from reference temperature of 68°F (20°C) +0.04% for every 18°F (10°C) rising or falling. Percentage of span.

Standard Features

Connection
Material: stainless steel
Lower mount (LM)
1/4” NPT Female

Bourdon Tube
Material: Ni-Span C®
Vacuum 30° Hg C-type
< 1500 PSI, C-type
> 1,500 PSI, Helical type

Movement
Copper alloy with Argentan wearable parts

Dial
White aluminum with black lettering,
330° mirrored band scale,
zero adjustment by rotatable dial ± 15°

Pointer
Knife-edge, black aluminum

Case
341.11: black painted steel case and friction-fit ring
342.11: Cast aluminum, dark grey, enameled finish with built-in profile ring for panel mounting. Two panel mounting brackets included.

Weather Protection
Weather resistant (NEMA 4 / IP 54)

Standard Scales
PSI, Inches of water

Window
Green tinted non-reflecting acrylic

Other
Certificate of Calibration to National Institute of Standard Technology (NIST) (342.11 only)
Locking carrying case (342.11 only)

Order Options
Front flange - 341.11 only
Rear flange
Special connections limited to wrench flat area
Cleaned for oxygen service
Other pressure scales available: Bar, kPa, Kg/cm²
DIN standards
Dimensions:

342.11 10" LM OR UC

342.11 10" LM/RF

341.11 10" LM

<table>
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<tr>
<th>Type/Size</th>
<th>Weight</th>
<th>Key</th>
<th>A*</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>H</th>
<th>J</th>
<th>K</th>
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<td>1/2&quot;</td>
<td>0.87</td>
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Ni-Span C® is a registered trademark of the INCO family of companies.

THE MEASURE OF
Total Performance™