 APPLICATIONS
The Stewarts test gauge is used for inspection, test and validation of key installation points. An ideal choice for satisfying pressure measurement when highly-reliable precision is needed.

STANDARD SPECIFICATION
Standard Test Gauge with Aluminium Case & Brass Internals
(Weatherproof construction to IP54)

Sizes
150 and 250mm

Case/ Bezel
Aluminium. Stove Enamelled

Socket & Element
Brass, Phosphor Bronze or Beryllium Copper

Movement
Brass

Blowout Protection
Blow-out device (EN 837-1 S1)

Dial
White Anodised Aluminium (Black Printing)

Pointer
Black Aluminium (Knife Edge)

Window
Sheet Glass

Traceability
All instruments are individually calibrated and have an unique Serial Number. Calibration Certificates are issued for each gauge

Certification available on request
• Certificate of Conformity Traceable to National Standards
• Group Certification (Pressure Test Calibration Statement)

For (316ss & Monel) only

Safety
All units are manufactured to comply with EN 837-1. S1 Blowout device specification and other regulatory standards including PED 2014/68/EU.

Installation instructions
Refer to EN 837-2 and our Guidance On Use of Equipment data sheet.

Accuracy class

<table>
<thead>
<tr>
<th>0 - 600 bar</th>
<th>&gt;600 - 1600 bar</th>
<th>&gt;1600 - 2500 bar</th>
</tr>
</thead>
<tbody>
<tr>
<td>150mm</td>
<td>0.25 (0.5)</td>
<td>0.25 (0.5)</td>
</tr>
<tr>
<td>250mm</td>
<td>0.25 (0.5)</td>
<td>0.25 (0.5)</td>
</tr>
</tbody>
</table>

0.5% Accuracy on request (Consult Sales)

Gauges with higher ranges (Consult Sales)

Over 1600 bar on rising pressure only

Over-pressure
0 - 100 bar | >100 - 600 bar | >600 - 1600 bar | >1600 - 2500 bar
-------------|----------------|-----------------|------------------|
1.25 x FSD   | 1.15 x FSD     | 1.10 x FSD      | 1.10 x FSD

Scale Range
150 & 250mm gauges vacuum to 2500 bar
Or other equivalent units of pressure or vacuum
PED 2014/68/EU limits, GAS Group.1 <1000 bar, GAS Group.2 <3000 bar

Pressure Connection Thread

<table>
<thead>
<tr>
<th>1/8&quot;</th>
<th>¼&quot;</th>
<th>⅜&quot;</th>
<th>⅝&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>NPT (316ss / Monel)</td>
<td>400 (400 bar)</td>
<td>600 (1000 bar)</td>
<td>600 (1000 bar)</td>
</tr>
<tr>
<td>BSP (316ss / Monel)</td>
<td>400 (400 bar)</td>
<td>600 (1000 bar)</td>
<td>600 (1000 bar)</td>
</tr>
<tr>
<td>BSPT (316ss / Monel)</td>
<td>600 (1000 bar)</td>
<td>600 (1000 bar)</td>
<td>600 (1000 bar)</td>
</tr>
</tbody>
</table>

HIGH PRESSURE THREAD OPTIONS (Up to 2500 bar) 316 s.s / Monel

<table>
<thead>
<tr>
<th>GAUGE</th>
<th>TUBE MP (Up to 20ksi)</th>
<th>TUBE HP (Up to 36ksi)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4&quot;</td>
<td>M/M/M</td>
<td>M/M/M</td>
</tr>
<tr>
<td>3/8&quot;</td>
<td>M/M/M</td>
<td>M/M/M</td>
</tr>
<tr>
<td>1&quot;</td>
<td>M/M/M</td>
<td>M/M/M</td>
</tr>
</tbody>
</table>

Further options on request

Available with a wide range of accessories
Syphons, Snubbers, Overrange gauge protectors, Valves, Manifolds, Diaphragm seals, Swivel adaptors, etc ensures that STEWARTS can provide you with the right product to suit any individual application or requirement.

Ordering Parameters, Please state the following:
SIZE, MODEL NO, SCALE RANGE, CONNECTION, PRESSURE MEDIUM & OPTIONAL EXTRAS

Specifications and dimensions in this leaflet, are subject to change without prior notice.