MODELS-1041/S, 1042/S, 1043/S, 1044/S

All stainless steel construction Receiver Pressure Gauges

APPLICATIONS
Stewart Receiver Gauges are specifically designed for use with pneumatic transmission and process variables and compatible with a wide variety of transmitters capable of converting properties like flow, temperature, differential pressure, and level into a proportional air pressure signal. Receiver gauges are available in standard transmitter-output air pressure ranges of 3-15 psi or 0.2-1bar.

STANDARD SPECIFICATION
Petro-Chemical Gauge with Blow-out Device (Weatherproof Construction to IP66)

Sizes
63, 100 and 150 mm

Case/Bezel
316 Stainless Steel

Socket & Element
316 Stainless Steel

Movement
Stainless Steel Construction

Blowout Protection
Blow-out plug at the top of the case

Dial
White Anodised Aluminium (Black Printing)

Pointer
Black Aluminium

Window
Sheet Glass

Traceability
All instruments are individually calibrated and have an unique Serial Number.

Certification available on request
- Certificate of Conformity Traceable to National Standards
- Group Certification (Pressure Test Calibration Statement)
- Point to Point Test Certificate
- BS EN 10204 3.1 Material Certification

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
0.5% or 1% Full Scale

Scale Range
3-15 psi or 0.2-1bar
Dial can be marked with Logarithmic or Linear Scale

Pressure Connection Thread
\( \frac{1}{8} '', \frac{1}{4} '', \frac{1}{4} '' \times \frac{1}{2} '', \frac{1}{2} '' \ NPT, BSPP, BSPT

Model-1042/S Direct Mount Standard

Model-1041/S Surface Mounted (Bottom Connection)
Model-1042/S Direct Mounted (Bottom Connection)
Model-1043/S Flush Mounted Screw Fixing (Rear Connection)
Model-1044/S Flush Mounted Clamp Fixing (Rear Connection)
See Page-2 for dimension

Operating Temperature Range EN837
-20° to 60°C (-4°F to 140°F)
Options for lower/Higher operating ranges (Contact Sales)

Temperature Error
Additional error when temperature changes from reference Temperature of 20°C (68°F) ±0.4% for every 10°C (18°F) rising or Falling % of span

Optional Extras
- Micro adjustable pointer /Black finish
- Optional dial materials & Custom markings
- Monel according to ISO 15156 / NACE MR-01-75 wetted parts
- Laminated safety glass / Perspex window
- Orifice Restrictor Screw (standard Ø0.9mm, Ø0.4mm on request)
- Customer logo printed on dial
- Niteliteware® (See data sheet)
- Gauge over-pressure up to 130% of FSD

Further options on request

Available with a wide range of accessories
Syphons, Snubbers, Overrange gauge protectors, Valves, Manifolds, Diaphragm seals, Swivel adaptors, etc ensure 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.
MODELS-1041/S, 1042/S, 1043/S, 1044/S

All stainless steel construction Receiver Pressure Gauges

MODEL 1041/S
SURFACE MOUNTED

MODEL 1042/S
DIRECT MOUNTED (STANDARD)

MODEL 1043/S
FLUSH MOUNTED SCREW FIXING

MODEL 1044/S
FLUSH MOUNTED CLAMP FIXING

3 HOLES ØN CSK @120° - 'M' PCD
3 HOLES ØO CSK @120° ON 'M' PCD

General Arrangement Dimensions in mm, tol' ± 1mm

<table>
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<tr>
<th>Dial Ø</th>
<th>Dim A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
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<th>J</th>
<th>K</th>
<th>L</th>
<th>M</th>
<th>N</th>
<th>O</th>
<th>PANEL CUT OUT</th>
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<td>18</td>
<td>10</td>
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