Service Intended
For pressure gauge testing and calibration laboratories.
Suitable for media such as air, water, oil & gases that do not attack copper alloy parts.

Case Details
Nominal Dia: 160 mm
Material: Stainless steel 304

Bezel
Bayonet lock, twist type - removable.
Material: Stainless steel 304

Pressure Connections
Material: Brass or Stainless steel 316
Sizes: 1/4", 3/8" & ½" in BSP or NPT.
Position: See "Mounting Configurations".

Mounting Flange
Material: Polished stainless steel 304
Position: See "Mounting Configurations".

Pressure Element
Material: CuBe 2

Geared Movement
Material: Clockwork brass, wearing part argentan and bearings.

Pointer
Collet: Aluminium micro adjustable
Blade: Black aluminium

Dial
Material: Polished Stainless steel, white with black lettering, mirror scale.

Window
Instrument glass or plexiglass.

Weather Protection
IP 65 Dust & weather proof.

Working Pressure
Steady: Full scale value
Fluctuating: 90% of full scale value
Short Period: 130% of full scale value
For pulsating pressure, the use of an inlet restrictor and/or liquid filling is recommended.

Accuracy Class
0.3% of full scale value.

Temperature Error
Additional error when temperature deviates from ambient (+20 °C)
Rising temperature: + 0.3% of FSD per 10 °C
Falling temperature: + 0.3% of FSD per 10 °C

Optional Extras
Calibration Certificate
Customized scale plates (customer logo, red line, etc.)
Special Dials, other than standard (dual scale, bar, psi)
Colour Coding of dial
Drag pointer (maximum set pointer)

For dimensional drawing see technical section

MOUNTING CONFIGURATIONS

A: Bottom connection, no flange
B: Rear connection, no flange
C: Bottom connection, front flange
D: Rear connection, front flange
E: Bottom connection, rear flange
F: Rear connection, rear flange
Y: Rear con. narrow front ring (clamp mtg)

STANDARD PRESSURE RANGES

<table>
<thead>
<tr>
<th>Pressure</th>
<th>Figure Interval</th>
<th>Minor Graduations</th>
</tr>
</thead>
<tbody>
<tr>
<td>0/6 kPa</td>
<td>10</td>
<td>1</td>
</tr>
<tr>
<td>0/10 kPa</td>
<td>20</td>
<td>2</td>
</tr>
<tr>
<td>0/16 kPa</td>
<td>25</td>
<td>2</td>
</tr>
<tr>
<td>0/25 kPa</td>
<td>50</td>
<td>1</td>
</tr>
<tr>
<td>0/40 kPa</td>
<td>100</td>
<td>1</td>
</tr>
<tr>
<td>0/60 kPa</td>
<td>100</td>
<td>1</td>
</tr>
<tr>
<td>0/80 kPa</td>
<td>100</td>
<td>2</td>
</tr>
<tr>
<td>1/100 kPa</td>
<td>200</td>
<td>2</td>
</tr>
<tr>
<td>1/200 kPa</td>
<td>200</td>
<td>2</td>
</tr>
<tr>
<td>1/300 kPa</td>
<td>200</td>
<td>1</td>
</tr>
<tr>
<td>1/400 kPa</td>
<td>200</td>
<td>1</td>
</tr>
<tr>
<td>1/500 kPa</td>
<td>200</td>
<td>1</td>
</tr>
<tr>
<td>1/600 kPa</td>
<td>200</td>
<td>1</td>
</tr>
<tr>
<td>1/700 kPa</td>
<td>200</td>
<td>1</td>
</tr>
<tr>
<td>1/800 kPa</td>
<td>200</td>
<td>1</td>
</tr>
<tr>
<td>1/900 kPa</td>
<td>200</td>
<td>1</td>
</tr>
<tr>
<td>1/1000 kPa</td>
<td>200</td>
<td>2</td>
</tr>
</tbody>
</table>

Compound:
0/6 MPa
0/10 MPa
0/16 MPa
0/25 MPa
0/40 MPa
0/60 MPa
0/100 MPa
0/200 MPa
0/300 MPa
0/500 MPa
0/1000 MPa
0/2000 MPa
0/5000 MPa
0/10000 MPa

Customized and other scales such as bar / psi / wHg etc. are available on request

HOW TO ORDER USING OUR PART NUMBERS

Casing Type:
T 3 A 160 G 1/2 B 1000 kPa

Gauge Type:

Configuration:

Dial Size:

Glycerine filled / Dry:

Connection Size:

Pressure Range:

Due to continuous product development, product might vary from brochure. *E&OE. Please contact S.A Gauge to verify.