

Our *SPGB Pressure Gauges* are designed for **accurate** pressure measurement with a **reliable, robust** design and built for **industrial** purposes. Mainly used for pressure measurement in **boilers** and **tanks**.

## General Specification

<b>Nominal Size:</b>	200mm, 250mm and 300mm
<b>Case:</b>	Mild Steel case and bezel, painted black
<b>Dial:</b>	Aluminium, black lettering on white to EN837-1
<b>Window:</b>	Safety Glass
<b>Mounting:</b>	Surface mount (bottom entry)
<b>Filling:</b>	Non-fillable
<b>Pointer:</b>	Aluminium black & Standard
<b>Wetted Parts:</b>	AISI 316 Stainless Steel block & bourdon tube
<b>Movement:</b>	AISI 304 Stainless Steel
<b>Ranges:</b>	From 0 to 120 BAR
<b>Connections:</b>	1/2" NPT
<b>Accuracy:</b>	Class 1.0 ( $\pm 1.0\%$ FSD)
<b>Over Range Protection:</b>	1.3 x FSD (130%)
<b>Safety Pattern Designation:</b>	Safety Pattern to European Standard EN837-1 (S2)
<b>Ingress Protection:</b>	IP65 as per EN 60 529 / IEC 529
<b>Ambient Temperature:</b>	-40°C to +60°C
<b>Process Temperature:</b>	+200°C max
<b>Weight:</b>	Up to 1.8 kg.



SPGB Model

For other options, please contact us [Sales@rototherm.co.uk](mailto:Sales@rototherm.co.uk) or +44 (0)1656 740551

## Main Applications

A **world leader** in pressure gauges, Rototherm has become the standard for accurate and reliable measurement across the following industries:



Tanks & Boilers



Power Stations



Chemical & Petrochemical



Plant construction

## Ordering Information

SPGB Pressure Gauge	STANDARD Ranges	Order Code
Model: 200mm Dial Size	0 to 7 BAR/PSI	S46YM7N3J
	0 to 10 BAR/PSI	S23YM7N3J
	0 to 20 BAR/PSI	S25YM7N3J
	0 to 30 BAR/PSI	SXXYM7N3J/002
	0 to 35 BAR/PSI	SXXYM7N3J/001
	0 to 40 BAR/PSI	S27YM7N3J
	0 to 60 BAR/PSI	S28YM7N3J
	0 to 70 BAR/PSI	S29YM7N3J
Model: 250mm Dial Size	0 to 7 BAR/PSI	S46YM8N3J
	0 to 10 BAR/PSI	S23YM8N3J
	0 to 14 BAR/PSI	SXXYM8N3J/003
	0 to 20 BAR/PSI	S25YM8N3J
	0 to 30 BAR/PSI	SXXYM8N3J/001
	0 to 35 BAR/PSI	SXXYM8N3J/002
	0 to 40 BAR/PSI	S27YM8N3J
	0 to 60 BAR/PSI	S28YM8N3J
	0 to 70 BAR/PSI	S29YM8N3J
	0 to 80 BAR/PSI	SXXYM8N3J/004
	0 to 100 BAR/PSI	S30YM8N3J
	0 to 120 BAR/PSI	SXXYM8N3J/005
Model: 300mm Dial Size	0 to 40 BAR/PSI	S27YM9N3J
	0 to 60 BAR/PSI	S28YM9N3J
	0 to 70 BAR/PSI	S29YM9N3J

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## Technical Certification

- Certificate of conformity
- Factory Test Certificate
- Factory Calibration Certificate (3 point)
- Factory Calibration Certificate (5 point)
- Material Certificate

## Export Documentation

- Certificate of Origin
- EUR1
- ATR

## Calibration and After-Sales Support

- Fully trained field service personnel
- Use of UKAS certified calibration equipment
- 5 day turnaround
- Fixed pricing
- Approved manufacturer parts
- Full post-service reports
- 12 month warranty



ISO9001:2015  
FM11958



For more information, please contact our service team  
[services@rototherm.co.uk](mailto:services@rototherm.co.uk)