A dark, semi-transparent background image showing the interior of an aircraft cockpit. Four rectangular instrument panels are visible, arranged in a row. Below them is a central control column. The overall color palette is dark grey and black.

Aircraft Tyre /
Pressure Gauge

Aircraft Tyre / Pressure Gauge

HMA
INSTRUMENTATION

The Rototherm SafeGauge safety pattern tyre pressure gauge incorporates a series of new and unique features that have given rise to new standards of safety in aircraft ground support.

The SafeGauge is available with a 100 mm dial and uses the unique "SafeCase" solid front, blow out back design that provides operator protection, over and above the basic requirements of the European Pressure Gauge Standard EN837.

Being retained on the gauge by a centre screw, the blow out back prevents the risk of injury due to flying debris from the rear of the case in the unlikely event of Bourdon tube failure.

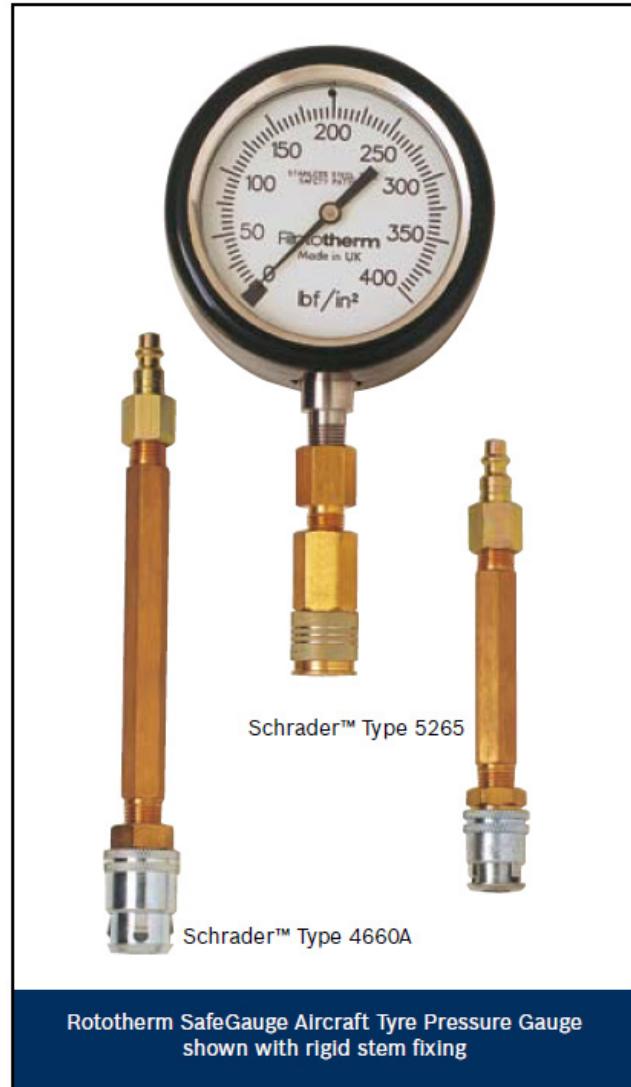
Protected in a rubber case, the SafeGauge is a robust, easy to use pressure gauge ready for the most demanding ground support requirements.

All Rototherm tyre pressure gauges are supplied calibrated before leaving our factory - and - if required - a factory calibration certificate can be supplied (traceable to UK National Standards)

The gauge is offered with either a fixed or flexible hose for connecting to the tyre - and each gauge is supplied with a choice of Type 5265 (small bore) and Type 4660A (large bore) Schrader™ valve fittings - with quick release connections.

A robust ABS carry case is offered as a useful accessory.

SafeGauge is supplied to major airlines, manufacturers and ground support companies worldwide for maintaining policies of checking aircraft tyre pressures after every landing



Rototherm SafeGauge Aircraft Tyre Pressure Gauge
shown with rigid stem fixing



Aircraft Tyre / Pressure Gauge



INSTRUMENT TECHNICAL SPECIFICATIONS

Case & Bezel Material: 304 stainless steel case with rubber impact protection cover

Case Type: Full safety pattern to European Pressure Gauge Standard EN837 - solid front with blow out back. Weatherproof to ingress protection rating IP65.

Window: Toughened safety glass

Dial: Aluminium - white enamel finish - with clear black markings

Pointer: Aluminium, black finish, balanced

Movement: Stainless steel precision movement

Pressure Element: 316 stainless steel bourdon tube

Pressure Range: 0 to 400 psi (standard) 0 to 300 psi (option)

Instrument Connection: 1/4" NPT male, bottom connection

Schrader™ Connections: Type 5265 (small bore) 7.7 x 0.794 mm Type 4660A (large bore) 12.243 x 0.977 mm

Gauge Accuracy: Accuracy class 1 to EN837 ($\pm 1.0\%$ full scale deflection)

Safety Features: Stainless steel SafeCase. Fitted with internal mechanical stops.

Options: Protective ABS carry case 1 metre flexible hose (Gates Type 4G1) with quick release connections

ORDERING INFORMATION

Model	SPG100ATPG	Rototherm SafeGauge Aircraft Tyre Pressure Gauge
Pressure Range	400	0 to 400 psi
	300	0 to 300 psi (option)
Schrader™ Connections	A	Type 5265 (small bore) 7.7 x 0.794 mm
	B	Type 4660A (large bore) 12.243 x 0.977 mm
	C	Type 5265 (small bore) 7.7 x 0.794 mm and Type 4660A (large bore) 12.243 x 0.977 mm
Connection Fitting	1	Rigid stem adaptor with quick release connections
	2	1 metre flexible hose (Gates Type 4G1) with quick release connections
Options	X	No option
	A	Protective carry case
	B	Factory calibration certificate (traceable to UK national standards)

Example Order Code

SPG100ATPG / 400 / C / 2 / A / B

Rototherm SafeGauge Aircraft Tyre Pressure Gauge, pressure range 0 to 400 psi, supplied with Type 5265 (small bore) 7.7 x 0.794 mm and Type 4660A (large bore) 12.243 x 0.977 mm Schrader™ Connections, with 1 metre flexible hose (Gates Type 4G1) with quick release connections. Protective carry case and factory calibration certificate.

Aircraft Tyre / Pressure Gauge



ABOUT ROTOTHERM

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QUALITY

At the centre of everything we do, the Rototherm group's high quality and performance is guaranteed by an uncompromising approach to quality.

Rototherm's policy has always been to maintain a consistently high level of quality and reliability throughout its product range and service to customers.

The company has worked energetically towards establishing comprehensive quality controls ad has earned a worldwide reputation for product quality.

This reputation has been confirmed by formal approval to Quality Assurance standard ISO9001:2000.

All calibration standards are traceable to national standards thus allowing the issuing of test or calibration certificates when required.

British Rototherm and the companies in the group are approved by major companies in the United Kingdom and throughout the world, for the supply of instrumentation and associated products.



INS-DS-0199 - DEC.