

## Pressure Gauges



Measuring pressure on equipment is indispensable for monitoring and ensuring the smooth functioning and operating safety of these systems.

STAUFF offers a variety of simple pressure measuring devices for liquid and gaseous media. These pressure gauges can be used as both stationary or portable devices. STAUFF addresses the very extensive width of possible system pressures and the strict requirements for precision with a variety of pressure gauge types with different measuring ranges.

The glycerine filled gauge range is available with various connection ports to fit many different installation needs. The pressure gauges can be purchased alone or in a test kit. The kits can be supplied with gauges with different pressure ranges and adaptors to satisfy any requirement.

The analog pressure gauges are primarily designed for permanent installations. STAUFF also offers a digital line for analytical troubleshooting.

These digital pressure gauges are also available as a pressure test kit and also make it possible to perform the many different measurement tasks with the help of adapters and the measuring hose. An important advantage is the possibility to measure pressure peaks with the device, to save them short term and to display them in the display as MIN and MAX values.

A new development of this digital pressure gauge is the wireless data logger, which makes it possible to start pressure measurement series on a machine without a bothersome cable via radio signal and to transfer these to a PC or laptop. This wireless pressure gauge is one of the most affordable types of a wireless data logger.

## Pressure Gauges ▀ Accessories



**Single Station Gauge Isolator Valve**  
(see Valves section)



**Multi Station Gauge Isolator Valve**  
(see Valves section)



**Gauge Isolator Needle Valves**  
(see Valves section)



**Test Hoses - Gauge Adaptor**  
(see STAUFF Test section)



**Gauge Adaptor**  
(see STAUFF Test section)



**Direct Gauge Adaptor**  
(see STAUFF Test section)



**Adjustable Gauge Fitting**  
(see STAUFF Test section)

## Pressure Gauge (Analog) - Type SPG



Pressure Gauge (Analog) Type SPG (Stem Mounting)



Pressure Gauge (Analog) Type SPG (Panel Mounting)

### Product Description

#### Area of Application

- Mechanical pressure measurement

#### Features

- Suitable for hydraulic oil and gaseous media compatible with copper based alloys
- Available in nominal sizes 63 and 100 mm / 2.5 and 4 in
- Thread form: for BSP (G1/4 and G1/2), NPT (1/4 NPT and 1/2 NPT), SAE (7/16–20 UNF)
- Stainless Steel (1.4301) housing
- Acrylic sight glass
- Glycerine filled
- Standard dual scales with pressure indication in bar and PSI
- U-bolt or flange mounting kit on request
- Bezel type: crimped

Note: Please consult STAUFF before you use SPG with other media.

#### Options

- 316 Stainless Steel connector wetted parts
- Protective rubber cap
- Additional scale readings including private label
- U-bolt and flange mounting kits are available separately as spare parts
- Other diameters upon request (40 mm, 50 mm, 150 mm)

#### Technical Data

- Pressure gauge according to EN 837-1
- Subject to technical modifications

#### Accuracies

SPG-063: ± 2/1/2% of span (ASME B40.100 Grade A)  
 SPG-100: 1% of span (ASME B40.100 Grade 1A)

#### Permissible Temperatures

- Ambient: -20 °C ... +60 °C / -4 °F ... +140 °F
- Media: max. +60 °C / max. +140 °F

#### Protection Ratings

- IP 65: for all manometer SPG 100 and SPG 063 > 16 bar / 232 PSI  
 IP 65 protection rating: Dust tight and protected against water jets for all manometer SPG 063 ≤ 16 bar / 232 PSI due to pressure compensation opening
- IP 54: IP 54 protection rating: Dust protected and protected against splashing water

### Order Codes

SPG
063
-
00030
-
05
-
P
-
N04
-
U
-
 

1
2
3
4
5
6
7
8

#### ① Series and Type

Stainless Steel Pressure Gauge **SPG**

#### ② Size

63 mm, with G1/4, 1/4 NPT **063**  
 or 7/16–20 UNF connection  
 100 mm, with G1/2 or 1/2 NPT **100**

#### ③ Pressure Ranges

-1,02 ... 0 bar / -30 inHg ... 0 PSI	<b>30HG30</b>
-1,02 ... 2,07 bar / -30 inHg ... 30 PSI	<b>03030</b>
0 ... 2,07 bar / 0 ... 30 PSI	<b>00030</b>
0 ... 4,14 bar / 0 ... 60 PSI	<b>00060</b>
0 ... 6,89 bar / 0 ... 100 PSI	<b>00100</b>
0 ... 11,03 bar / 0 ... 160 PSI	<b>00160</b>
0 ... 13,79 bar / 0 ... 200 PSI	<b>00200</b>
0 ... 20,68 bar / 0 ... 300 PSI	<b>00300</b>
0 ... 34,74 bar / 0 ... 500 PSI	<b>00500</b>
0 ... 41,37 bar / 0 ... 600 PSI	<b>00600</b>
0 ... 68,95 bar / 0 ... 1000 PSI	<b>01000</b>
0 ... 103,42 bar / 0 ... 1500 PSI	<b>01500</b>
0 ... 137,90 bar / 0 ... 2000 PSI	<b>02000</b>
0 ... 206,84 bar / 0 ... 3000 PSI	<b>03000</b>
0 ... 275,79 bar / 0 ... 4000 PSI	<b>04000</b>
0 ... 344,74 bar / 0 ... 5000 PSI	<b>05000</b>
0 ... 413,69 bar / 0 ... 6000 PSI	<b>06000</b>
0 ... 517,11 bar / 0 ... 7500 PSI	<b>07500</b>
0 ... 689,48 bar / 0 ... 10000 PSI	<b>10000</b>

Note: Others on request. Information always refer to the pressure setting of the outside scale.

#### ④ Styles of Scales

bar / PSI (bar outside/PSI inside - standard option)	<b>01</b>
bar	<b>02</b>
PSI	<b>03</b>
PSI / bar (PSI outside/ bar inside)	<b>05</b>
kPa / PSI (kPa outside/ PSI inside)	<b>10</b>

Note: Others on request.

#### ⑤ Adaption

Stem mounting	<b>S</b>
Panel mounting	<b>P</b>

#### ⑥ Process Connection

G1/4 (only SPG 063)	<b>B04</b>
G1/2 (only SPG 100)	<b>B08</b>
1/4 NPT (only SPG 063)	<b>N04</b>
1/2 NPT (only SPG 100)	<b>N08</b>
7/16–20 UNF (only SPG 063)	<b>U04</b>

Note: Others on request.

#### ⑦ Accessories

No accessory	<b>(none)</b>
U-bolt assembly	<b>U</b>
Front flange assembly (for panel mount only)	<b>F</b>
Rear flange assembly	<b>R</b>
U-bolt and front flange assembly (for panel mount only)	<b>UF</b>
Silicone filled	<b>S</b>

#### ⑦ Accessories (for Stem Mount only)

Protective rubber cap	<b>G</b>
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#### ⑧ Connection Material & Wetted Parts

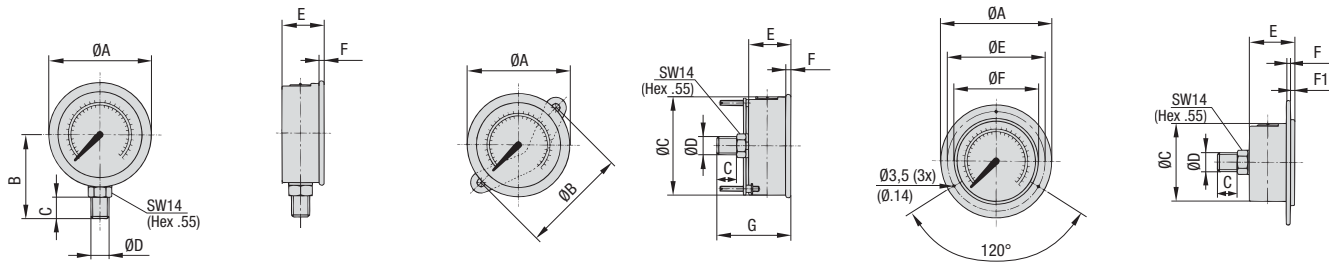
Brass connection and copper alloy wetted parts	<b>(none)</b>
316 Stainless Steel connection and wetted parts	<b>W5</b>

#### Spare Parts

Rubber boot, black	<b>SPG 063-RBB</b>
U-bolt kit	<b>SPG 063-U</b>
Front flange kit	<b>SPG 063-F</b>
U-bolt kit	<b>SPG 100-U</b>
Front flange kit	<b>SPG 100-F</b>

For further information on this product, please see page B34, STAUFF Test section.

## Pressure Gauge (Analog) - Type SPG



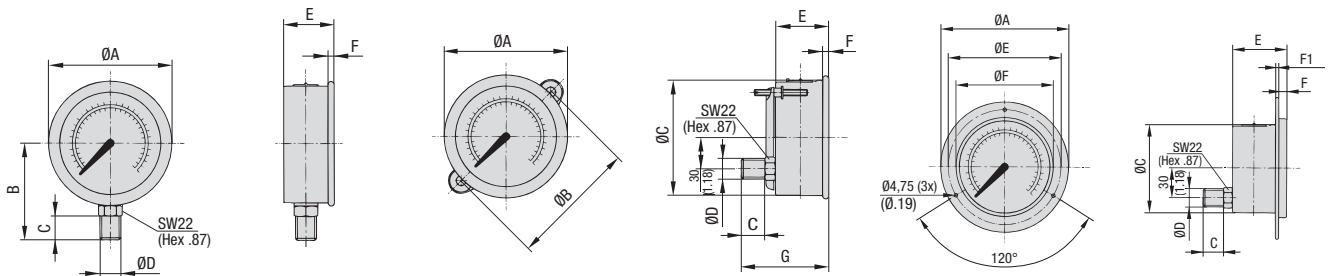
SPG 063 ... S ...

SPG 063 ... P ... U

SPG 063 ... P ... F

## Dimensions SPG 063

Version Pressure Gauge	Dimension (mm/in)											
	ØA	ØB	ØC	ØD	ØE	ØF	B	C	E	F	F1	G
SPG-063	69	-	-	G1/4	-	-	54	15	32	6,5	-	-
	2.72	-	-	1/4 NPT	-	-	2.13	.59	1.26	.26	-	-
				7/16-20 UNF								
SPG-063 ... U	69	72	62	G1/4	-	-	-	15	32	6,5	-	56
	2.72	2.83	2.44	1/4 NPT	-	-	-	.59	1.26	.26	-	2.20
				7/16-20 UNF								
SPG-063 ... F	85	-	62	G1/4	75	68	-	15	32	2	2	-
	3.35	-	2.44	1/4 NPT	2.95	2.68	-	.59	1.26	.008	.008	-
				7/16-20 UNF								



SPG 100 ... S ...

SPG 100 ... P ... U

SPG 100 ... P ... F

## Dimensions SPG 100

Version Pressure Gauge	Dimension (mm/in)											
	ØA	ØB	ØC	ØD	ØE	ØF	B	C	E	F	F1	G
SPG-100	107	-	-	G1/2	-	-	87	23	48	8	-	-
	4.21	-	-	1/2 NPT	-	-	3.43	.91	1.89	.31	-	-
SPG-100 ... U	107	107	100	G1/2	-	-	-	23	48	8	-	81,5
	4.21	4.21	3.94	1/2 NPT	-	-	-	.91	1.89	.31	-	3.21
SPG-100 ... F	132	-	100	G1/2	116	107	-	23	48	8	1,25	-
	5.20	-	3.94	1/2 NPT	4.57	4.21	-	.91	1.89	.31	.05	-

\* FS = Full Scale

Dimensional drawings: All dimensions in mm (in).

## Pressure Gauge (Digital) - Type SPG-DIGI



### Product Description

The SPG-DIGI Digital Pressure Gauges are intended to measure and display pressures in hydraulic systems, particularly for oils, lubricants and water. They can display the current measured values, as well as minimum and maximum values, with an accuracy of 0,5 % of full scale.

The SPG-DIGI Digital Pressure Gauges are available individually, or as part of a complete pressure test kit. They are very sturdy, reliable, easy to use and come with the CE mark (evidence of conformity compliance).

### Features

- Bar graph display (drag indicator)
- Background lighting
- Zero correction
- Battery charge display

### Technical Data

#### Materials

- Housing made of die-cast Zinc with TPE rubber protective covering
- Adaptor made of Steel, zinc-nickel coated
- Gaskets: NBR (Buna-N®)  
FPM (Viton®) or EPDM upon request

#### Dimensions and Weight

- Diameter: 79 mm / 3.11 in
- Depth: 33 mm / 1.30 in
- Weight: 540 g / 1.19 lbs

#### Display

- Text display 4 1/2-digit
- Size: 50 x 34 mm / 1.97 x 1.34 in
- Actual value display: 15 mm / .59 in
- MIN-/MAX or FS\* display: 8 mm / .31 in
- Units: bar, PSI, Mpa, kPa, mbar
- Peak pressure measurement with 10 ms sampling rate
- Lighted measured value display

### Order Codes



#### ① Series

Pressure Gauge **SPG**

#### ② Type

Digital pressure measurement and display **DIGI**

#### ③ Pressure Ranges

-1 ... 16 bar / -14.5 ... 232 PSI	<b>B0016</b>
0 ... 100 bar / 0 ... 1450 PSI	<b>B0100</b>
0 ... 400 bar / 0 ... 5801 PSI	<b>B0400</b>
0 ... 600 bar / 0 ... 8702 PSI	<b>B0600</b>

#### ④ Process Connection

G1/4 **B**  
7/16-20 UNF **U**

#### ⑤ Calibration

Without calibration certificate **(none)**  
With calibration certificate **CAL**

### Pressure Ranges

Version	Pressure Range <sup>(bar/PSI)</sup>	Maximum Pressure <sup>(bar/PSI)</sup>	Burst Pressure <sup>(bar/PSI)</sup>
<b>B0016</b>	-1 ... 16	40	50
	-14.5 ... 232	580	725
<b>B0100</b>	0 ... 100	200	800
	0 ... 1450	2900	11603
<b>B0400</b>	0 ... 400	800	1700
	0 ... 5801	11603	24656
<b>B0600</b>	0 ... 600	1200	2200
	0 ... 8702	17404	31908

#### Accuracy

- ±0,25 % FS\* typ. / ±0,5 % FS\* max.
- Resolution: 4096 steps

#### Permissible Temperatures

- Ambient: -10 °C ... +50 °C / +14 °F ... +122 °F
- Media: -20 °C ... +80 °C / -4 °F ... +176 °F
- Storage: -20 °C ... +60 °C / -4 °F ... +140 °F

- Relative humidity: < 85 %
- Battery life: max. 1500 hours  
(operating without lighting, 2 x 1,5 V DC AA (LR6-AA)  
Alkaline Mignon)

#### Process Connections

- G1/4 or 7/16-20 UNF made of 1.4404 Stainless Steel

- Vibration: IEC 60068-2-6 / 10 ... 500 Hz / 5 g
- Shock: IEC 60068-2-27 / 11 ms / 25 g
- Load cycles (10<sup>6</sup>): 100

#### Protection Rating

- IP 67 protection rating: Dust tight and protected against powerful water jets; even immersion (up to 1 m / 3.28 ft) in water is possible under defined conditions of pressure and time

## Pressure Gauge (Digital) Wireless - Type SPG-DIGI-W



PC adaptor SPG-DIGI-W-PC only included in the SMB-DIGI-W Pressure Test Kit

## Order Codes

SPG - DIGI-W - B0016 - U - CAL

## ① Series

 Pressure Gauge **SPG**

## ② Type

 Digital pressure measurement and display (wireless) **DIGI-W**

## ③ Pressure Ranges

-1 ... 16 bar / -14.5 ... 232 PSI	<b>0016</b>
0 ... 100 bar / 0 ... 1450 PSI	<b>0100</b>
0 ... 400 bar / 0 ... 5801 PSI	<b>0400</b>
0 ... 600 bar / 0 ... 8702 PSI	<b>0600</b>

## ④ Process Connection

G1/4	<b>B</b>
7/16-20 UNF	<b>U</b>

## ⑤ Calibration

Without calibration certificate	<b>(none)</b>
With calibration certificate	<b>CAL</b>

## Pressure Ranges

Version	Pressure Range <sup>(bar/PSI)</sup>	Maximum Pressure <sup>(bar/PSI)</sup>	Burst Pressure <sup>(bar/PSI)</sup>
B0016	-1 ... 16	40	50
	-14.5 ... 232	580	725
B0100	0 ... 100	200	800
	0 ... 1450	2900	11603
B0400	0 ... 400	800	1700
	0 ... 5801	11603	24656
B0600	0 ... 600	1200	2200
	0 ... 8702	17404	31908

## Technical Data

## Materials

- Housing made of die-cast Zinc with TPE rubber protective covering
- Adaptor made of Steel, zinc-nickel coated
- Gaskets: NBR (Buna-N®) FPM (Viton®) or EPDM upon request

## Dimensions and Weight

- Diameter: 79 mm / 3,11 in
- Depth: 33 mm / 1,30 in
- Weight: 540 g / 1,19 lbs

## Display

- Text display 4 1/2-digit
- Size: 50 x 34 mm / 1.97 x 1.34 in
- Actual value display: 15 mm / .59 in
- MIN-/MAX or FS\* display: 8 mm / .31 in
- Units: bar, PSI, Mpa, kPa, mbar
- Peak pressure measurement with 10 ms sampling rate
- Lighted measured value display

## Accuracy

- ±0,25% FS\* typ. / ±0,5% FS\* max.
- Resolution: 4096 step

## Permissible Temperatures

- Ambient: -10 °C ... +50 °C / +14 °F ... +122 °F
- Media: -20 °C ... +80 °C / -4 °F ... +176 °F
- Storage: -20 °C ... +60 °C / -4 °F ... +140 °F

- Relative humidity: < 85 %
- Battery life: max. 800 hours (operating without lighting, 2 x 1,5 V DC AA (LR6-AA) Alkaline Mignon)

## Process Connections

- G1/4 or 7/16-20 UNF made of 1.4404 Stainless Steel

- Vibration: IEC 60068-2-6 / 10 ... 500 Hz / 5 g
- Shock: IEC 60068-2-27 / 11 ms / 25 g
- Load cycles (10<sup>6</sup>): 100

## Product Description

In addition to the existing STAUFF product range in the field of digital pressure measuring, the new Wireless Digital Pressure Gauge (SPG-DIGI-W) is now available, allowing a most precise measurement and wireless transmission of values to a PC or notebook.

With its compact design and the ease of operation, the SPG-DIGI-W is actually a single channel wireless data logger. With just a single PC adaptor, you can simultaneously transmit measured values of up to 16 digital pressure gauges over a distance of max. 50 m / 164.04 ft to your computer.

The configuration of the gauges and the inspection of your machinery and equipment can be easily accomplished from your desk, thus allowing the direct evaluation and storage of the measured values. Please note that measured values cannot be displayed in real time.

## Features

- Bar graph display (drag indicator)
- Background lighting
- Zero correction
- Battery charge display
- Wireless data logging

## PC Functions

- Read-out data from measured data memory via a radio interface (2,4 GHz)
- Measuring over a distance of max. 50 m / 164.04 ft
- Remote configuration of the gauges

## Memory Functions

- 5000 measurement values (MAX pressure peaks)
- Setup of storage interval
- Time based recording
- Pressure spike monitoring

## Protection Rating

- IP 67 protection rating: Dust tight and protected against powerful water jets; even immersion (up to 1 m / 3.28 ft) in water is possible under defined conditions of pressure and time

\* FS = Full Scale

## Pressure Test Kit (Analog) - Type SMB



Pressure Gauge Kit - Type SMB20-A1



Pressure Gauge Kit - Type SMB20-B1



Pressure Gauge Kit - Type SMB20-C1

### Product Description

In addition to the individual SPG gauges, the STAUFF Pressure Gauges are also available as part of a pressure test kit. The SMB Pressure Test Kits are assembled in various versions, in accordance with customer wishes. All pressure test kits are supplied in a handy case with custom-designed foam inserts.

### Components

#### Standard Option SMB20-A1

- 1x Hose assembly (60 in): SMS20-1524mm-B
- 1x Direct gauge adaptor 1/4 NPT: SMD20-1/4NPT-C6F
- 1x Union: SSV20-C6F
- 1x Pressure gauge 7500 PSI: WPG-063-07500-5-S-N04
- 2x Test coupling 1/8 NPT: SMK20-1/8NPT-VD-C6F
- 3x Test coupling 1/4 NPT: SMK20-1/4NPT-VD-C6F
- 2x Test coupling 7/16 UNF: SMK20-7/16UNF-VE-C6F
- 2x Test coupling 9/16 UNF: SMK20-9/16UNF-VE-C6F
- 1x Female QD fitting 1/4 NPT: SQD-04NF-C

#### Standard Option SMB20-B1

- 1x Hose assembly (60 in): SMS20-1524mm-B
- 2x Direct gauge adaptor 1/4 NPT: SMD20-1/4NPT-C6F
- 1x Union: SSV20-C6F
- 1x Pressure gauge 7500 PSI: WPG-063-07500-5-S-N04
- 1x Pressure gauge 1000 PSI: WPG-063-01000-5-S-N04
- 2x Test coupling 1/8 NPT: SMK20-1/8NPT-VD-C6F
- 2x Test coupling 1/4 NPT: SMK20-1/4NPT-VD-C6F
- 1x Test coupling 7/16 UNF: SMK20-7/16UNF-VE-C6F
- 1x Test coupling 9/16 UNF: SMK20-9/16UNF-VE-C6F
- 1x Female QD fitting 1/4 NPT: SQD-04NF-C

#### Standard Option SMB20-C1

- 2x Hose assembly (60 in): SMS20-1524mm-B
- 3x Direct gauge adaptor 1/4 NPT: SMD20-1/4NPT-C6F
- 2x Union: SSV20-C6F
- 1x Pressure gauge -30 inHg ... 30 PSI: WPG-063-03030-5-S-N04
- 1x Pressure gauge 7500 PSI: WPG-063-07500-5-S-N04
- 1x Pressure gauge 1000 PSI: WPG-063-01000-5-S-N04
- 2x Test coupling 1/8 NPT: SMK20-1/8NPT-VD-C6F
- 2x Test coupling 1/4 NPT: SMK20-1/4NPT-VD-C6F
- 1x Test coupling 7/16 UNF: SMK20-7/16UNF-VE-C6F
- 1x Test coupling 9/16 UNF: SMK20-9/16UNF-VE-C6F
- 1x Female QD fitting 1/4 NPT: SQD-04NF-C

## Pressure Test Kit (Analog) - Multi Gauge Kit - Type SMB20-E1



### Components

#### Multi Gauge Kit SMB20-E1-X (see table below for X)

- 3x Test coupling 1/4 NPT: SMK20-1/4NPT-VD-C6F
- 3x Test coupling 7/16 UNF: SMK20-7/16UNF-VE-C6F
- 3x Test coupling 9/16 UNF: SMK20-9/16UNF-VE-C6F
- 3x Gauge adaptor: SMA20-1/4NPT-V-C6F
- 3x Union adaptor: SSV20/20-C6F
- 2x Test hose (12 in): SMS20-305mm-B
- 2x Test hose (24 in): SMS20-610mm-B
- 2x Test hose (60 in): SMS20-1524mm-B
- 1x Swivel run tee -4 JIC: SGV-7/16UNF-04-JIC1/4-F/M
- 1x Swivel run tee -6 JIC: SGV-7/16UNF-06-JIC3/8-F/M
- 1x Swivel run tee -8 JIC: SGV-7/16UNF-08-JIC1/2-F/M
- 1x Female QD fitting 1/4 NPT: SQD-04NF-C

### Gauges included in Standard Kit

- 5 Gauge Kit: see table SMB20-E1-5
- 6 Gauge Kit: see table SMB20-E1-6
- 7 Gauge Kit: see table SMB20-E1-7
- 8 Gauge Kit: see table SMB20-E1-8

### Product Description

The SMB20-E1 multi-gauge kit is available preassembled and includes a variety of pressure gauges, test points, gauge adaptors, test hoses and more. The gauges, test points and adaptors are enclosed in protective foam.

The test hoses are secured in a removable zipper pouch. All of these components are encased in a single durable protective enclosure.

- Custom kits are easily supplied to your specific needs
- OEMs in particular find this convenient for technicians and as an after market service tool
- Custom labels, foam inserts and boxes are available in quantity

SMB20-E1-5	SMB20-E1-6	SMB20-E1-7	SMB20-E1-8
SPG-063-03030-5-S-N04	SPG-063-03030-5-S-N04	SPG-063-03030-5-S-N04	SPG-063-03030-5-S-N04
SPG-063-00600-5-S-N04	SPG-063-00600-5-S-N04	SPG-063-00600-5-S-N04	SPG-063-00600-5-S-N04
SPG-063-03000-5-S-N04	SPG-063-01500-5-S-N04	SPG-063-01500-5-S-N04	SPG-063-01000-5-S-N04
SPG-063-05000-5-S-N04	SPG-063-03000-5-S-N04	SPG-063-03000-5-S-N04	SPG-063-01500-5-S-N04
SPG-063-10000-5-S-N04	SPG-063-05000-5-S-N04	SPG-063-05000-5-S-N04	SPG-063-03000-5-S-N04
	SPG-063-10000-5-S-N04	SPG-063-07500-5-S-N04	SPG-063-05000-5-S-N04
		SPG-063-10000-5-S-N04	SPG-063-07500-5-S-N04
			SPG-063-10000-5-S-N04

Each pressure gauge includes a protective gauge cover SPG-063-RBB and a direct gauge adapter SMD-1/4NPT-C6F

For further information on this product please see page B35, STAUFF Test section.

## Pressure Test Kit (Digital) - Type SMB-DIGI /-W



Pressure Test Kit (Digital) Type SMB-DIGI-W



Pressure Test Kit (Digital) Type SMB-DIGI-SM



Pressure Test Kit (Digital) Type SMB-DIGI

## Order Codes



## ① Series

 Pressure Test Kit **SMB**

## ② Types

 SPG-DIGI digital pressure gauge **DIGI**  
 SPG-DIGI digital pressure gauge (wireless) **DIGI-W**  
 SPG-DIGI digital small **DIGI-SM**

## ③ Adaptor Version

 Adapts to STAUFF Test 20 (M16 x 2) **20**  
 Adapts to STAUFF Test 12 (S12,65 x 1,5) **12**

## ④ Pressure Ranges

 -1 ... 16 bar / -14.5 ... 232 PSI **B0016**  
 0 ... 100 bar / 0 ... 1450 PSI **B0100**  
 0 ... 400 bar / 0 ... 5801 PSI **B0400**  
 0 ... 600 bar / 0 ... 8702 PSI **B0600**

## ⑤ Process Connection

 G1/4 **B**  
 7/16-20 UNF **U**

## ⑥ Calibration

 Without calibration certificate **(none)**  
 With calibration certificate **CAL**

## Pressure Ranges

Version	Pressure Range <sup>(bar / PSI)</sup>	Maximum Pressure <sup>(bar / PSI)</sup>	Burst Pressure <sup>(bar / PSI)</sup>
B0016	-1 ... 16	40	50
	-14.5 ... 232	580	725
B0100	0 ... 100	200	800
	0 ... 1450	2900	11603
B0400	0 ... 400	800	1700
	0 ... 5801	11603	24656
B0600	0 ... 600	1200	2200
	0 ... 8702	17404	31908

## Product Description

In addition to the individual SPG-DIGI devices, the STAUFF Digital Pressure Gauges are also available as part of a pressure test kit.

The SMB-DIGI pressure test kits are assembled in various versions, in accordance with customer wishes. All pressure test kits are supplied in a handy case with custom-designed foam inserts.

Along with the SPG-DIGI-W itself, the pressure test kits always contain a PC adaptor with USB connection cable (1,5 m / 4.92 ft).

## Components

**Standard Option SMB-DIGI**

- SPG-DIGI digital pressure gauge
- SMD adaptor (-4 SAE to M16 x 2 or S12,65 x 1,5)
- SSV20 or SSV12 hose connector
- SMK20-1/4NPT-VD-C6F or SKK12-1/4NPT-VD-C6F test point
- SMK20-1/8NPT-VD-C6F or SKK12-1/8NPT-VD-C6F test point
- SMK20-7/16UNF-VE-C6F or SKK12-7/16UNF-VE-C6F test point
- SMK20-9/16UNF-VE-C6F or SKK12-9/16UNF-VE-C6F test point
- SMS test hose (1,5 m / 4.92 ft) M16 x 2 or S12,65 x 1,5 connection rated to 600 bar / 8702 PSI
- SQD-04NF-C Quick disconnect
- Operating Instructions (multilingual) on CD

**Standard Option SMB-DIGI-W**

- SPG-DIGI-W digital pressure gauge
- PC adaptor SPG-DIGI-W-PC with USB connection
- SDA adaptor (G1/4 to M16 x 2 or S12,65 x 1,5)
- SSV20 or SSV12 hose connector
- SMS test hose (2 m / 6.56 ft), M16 x 2 or S12,65 x 1,5 connection, pressure-resistant to 600 bar / 8702 PSI
- Operating instructions and software (multilingual) on CD
- Dust cloth

## Accessories (Connection Adaptors)

Adaptor	Adaption from	to Dimension G
SMD20-7/16UNF-C6F	7/16-20 UNF	M16 x 2
SMD15-7/16UNF-C6F	7/16-20 UNF	M16 x 1,5
SMD12-7/16UNF-C6F	7/16-20 UNF	S12,65 x 1,5
SAD20/15-P-C6F	M16 x 2	M16 x 1,5
SAD20/12-P-C6F	M16 x 2	S12,65 x 1,5
SAD20/10-P-C6F	M16 x 2	Plug-in system

A large number of adaptors are available to connect STAUFF SPG-DIGI and SPG-DIGI-W pressure gauges to other test points and testers. Other adaptors are available.