

# Datalogging Digital Pressure Meters S4600-ST Series

# BlueLine

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## FEATURES

- + For measuring pressure, vacuum and differential pressure
- + Five pressure measurement ranges
- + High measuring accuracy
- + Measured values displayed in mbar, Pa, hPa, kPa, mmWC, mmHg, inWC, psi, bar
- + Large TFT display (W x H: 45 x 60 mm)
- + Magnet at the back of the instrument for hands-free operation
- + Data log readings to Micro SD Card
- + Automatic zero correction
- + Bluetooth communications

For measuring pressure, vacuum and differential pressure. For gaseous, dry media that are not corrosive. Ideal for industrial, medical and air conditioning technology applications. Other typical application areas: Measurement of chimney draft, measurement of inlet pressure, flow pressure and nozzle pressure, pres-

sure drop in flowing gases, filter inspection, ventilation systems or ducts, production and extraction facilities, vacuum measurement (laboratory), check of the connection pressure (natural gas supply pipes), burner pressure check, inspection of tanks for liquids (inlet and outlet pressure).



FREE Control Software



Available from.....or on your PC with additional Smart Dongle



Bluetooth  
SMART

# Technical Specifications

	S4602 ST	S4601 ST	S4610 ST	S4650 ST	S4680 ST
<b>Measured Range [mbar]</b> - nominal - maximal	20 20	150 180	1.000 1.500	5.000 7.000	8.000 10.000
<b>Max. Excess Pressure [bar]</b>	0.25	1.35	16.0	16.0	16.0
<b>Resolution [mbar]</b>	0.001	0.01 (< 99.99) 0.1 (> 100.0)	0.1 (< 999.9) 1 (> 1000)	0.1 (< 999.9) 1 (> 1000)	0.1 (< 999.9) 1 (> 1000)
<b>Accuracy</b>  [% of reading]	± 0.003 mbar  or 0.5 ± 1 digit	± 0.03 mbar  or 0.5 ± 1 digit	± 0.3 mbar  or 0.5 ± 1 digit	± 0.7 mbar  or 0.5 ± 1 digit	± 1.2 mbar  or 0.5 ± 1 digit
<b>Mechanical connections</b>	2x standard plug (Ø8mm)	2x standard plug (Ø8mm)	2x standard plug (Ø8mm)	2x standard plug (Ø 8mm)	2x standard plug (Ø 8mm)

**Display** 2,8" TFT (240 x 320 Pixel)

**Memory Media** Micro SD/SDHC Memory Card (incl. Datalogger)

**Data Interface** Bluetooth Smart – Single Mode (BLE = BluetoothLowEnergy)

**Pressure Units** Pa, hPa, mbar, bar, kPa, mmWS, mmHg, inWc, psi

**Battery Supply** Rechargeable Lithium-Ion battery (3.6V/1800mAh)

**Power Supply Unit / Charger Mode** USB AC-Adapter (no data transfer via USB port possible)

**Expected Operating Time (Measuring Mode)**  
up to 30 hours ('Normal' Mode)  
up to 48 hours ('Auto' Mode)  
up to 55 hours ('Eco' Mode)

**Barometric Pressure** 750 hPa ... 1100 hPa

**Operating Temperature** + 0 °C ... + 40 °C  
**Storage/Transport Temperature** - 20 °C ... + 50 °C

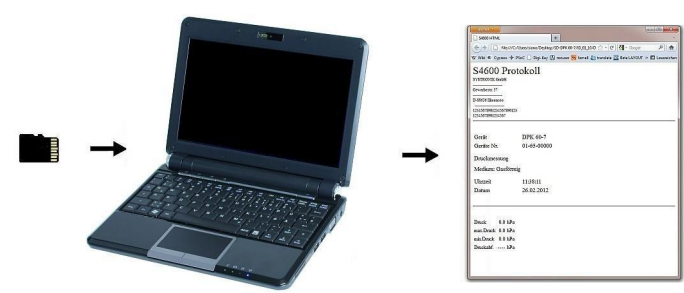
**Housing Dimensions** Plastic  
143 mm x 66 mm x 37 mm (incl. Protection Case)

**Weight Color** approx. 220 g  
RAL 5015 (sky blue)

**Protection Case Color** Soft Plastic  
RAL 5011 (steel blue)

**Keypad Color** Foil Keypad (5 buttons)  
RAL 7021/5015/4008/9016

**Protection Rating Directives & Standards** IP42 (for indoor use only EN IEC 60529)  
2004/108/EC (CE), DIN EN 50379-2, WEEE/RoHS



## Pitot Tube Measurement Option



**UK SALES & SERVICE**  
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