

S4600 ST

Pressure Measuring



BlueLine®

 **Bluetooth®**
SMART



SYSTRONIK
Messtechnologie

The high-precision pressure meters Series S4600 ST® are exclusively suitable for measuring pressure of gaseous, non-aggressive media in non-hazardous areas. Available are six device versions (20 mbar, 150 mbar, 1 bar, 5 bar, 8 bar, 18 bar). The S4600 ST measuring instruments can be used for pressure measurements as well as for leakage and load testscan on gas lines.

Technical specification

Model	Range (mbar)	Pitot (m/s)	Max. Excess pressure (bar)	Resolution (mbar)	Accuracy (% from reading)	Connections
S4601 ST	±150	2 - 50	1.35	0.01 (< 99.99) bzw. 0.1 (> 100) Pitot (m/s): 0.1	0.5 ±1 Digit Pitot: ±0.8 m/s	2x standard (ø 8mm)
S4602 ST	±20	0.5 - 50	0.25	0.001 Pitot (m/s): 0.1	0.5 ±1 Digit Pitot: ±0.3 m/s	2x standard (ø 8mm)
S4610 ST	±1000	-	16	0.1 (< 999.9) bzw. 1.0 (> 1000)	0.5 ±1 Digit	2x standard (ø 8mm)
S4650 ST	±5000	-	16	0.1 (< 999.9) bzw. 1.0 (> 1000)	0.5 ±1 Digit	2x standard (ø 8mm) (optional ø 3 mm Festo)
S4680 ST	±8000	-	16	0.1 (< 999.9) bzw. 1.0 (> 1000)	0.5 ±1 Digit	2x standard (ø 8mm) (optional ø 3 mm Festo)
S4699 ST	±18000	-	28	1	0.5 ±1 Digit	2x standard (ø 8mm) (optional ø 3 mm Festo)

General specification

Dimensions (L x W x D)	66 x 143 x 37 mm
Weight	About 227 g
Material housing	Polyamide (PA)
Reponse time	T 90 < 10 s
Pressure connection	2 x 8 mm or 2 x Festo (3mm)
Temperature environment	0° C or +40° C
Temperature medium	0° C or +40° C
Storage temperature	-20° C to +50° C
Barometric pressure	750 - 1100 hPa

EUROprinter



Easy and fast print of the measuring protocols.

Pressure test valve

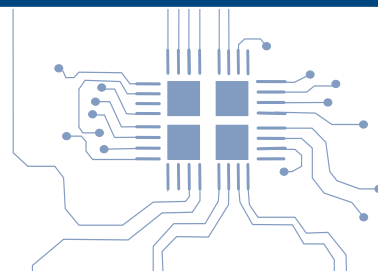


Pressure test valve with quick-coupling and precision metering for easy adjustment of various pressure levels.

Suitcase



All-In One suitcase with space for a lot accessories.



Free-hand working

The ergonomically designed hand-held instrument has an integrated protective cover with three magnets, which also allows hands-free operation.

Different units adjustable

Availability in nine different units (Pa, mbar, hPa, kPa, mmWs, mmHg, inHg, PSI, bar).

Wireless print

An IR interface for wireless connection to an IR printer enables the documentation of the measurement results. Further still is a data interface to external Bluetooth Smart printer available.

Accurate readings

The pressure meter has automatic and manual zero correction as well as an automatic check routine. The built-in barometric pressure sensor and the internal temperature compensation provide highly accurate readings.

Clear presentation

A large TFT color screen gives brilliant visualization and simultaneous display of four readings. Menu navigation assisted by colored icons. And versatile adjustable settings and alarm limits.

Flow

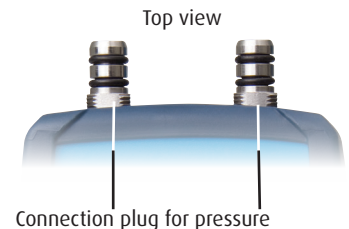
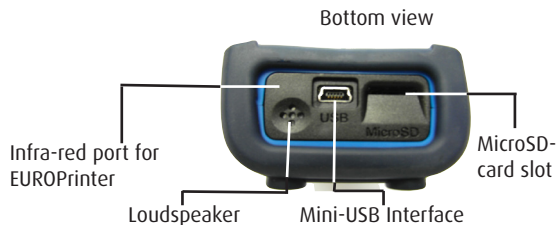
The pressure gauges ST S4601 and S4602 ST can optionally be used for flow velocity measurements (Pitot). With input of channel geometries with the air velocity (m/sec, km/h) and the flow rate (m³/h, m³/s l/s) are displayed.

Data processing apps

Easily display and processing of the measured values by the EuroSoft mobile app for Android and iOS.

Storage of measured values

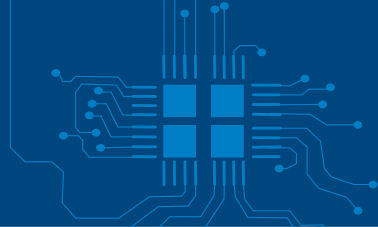
All measured data can be stored on the MicroSD card and transferred to a PC or be logged with the optional data logger function over long periods of time.



EuroSoft mobile EuroSoft mobile



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SYSTRONIK GmbH is specialized in development and production high quality measuring instruments for fl ue gas analysis, testing and maintaining HVAC installations, climate technology and environmental technology.

All SYSTRONIK products meet the highest standards for quality, reliability and safety. Our facilities are certified to full operational requirements of the ISO 9001 quality standard. We are constantly striving to improve our quality assurance position with input from periodic audits by independent experts required for continued ISO 9001 certification.



Distributor:

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