

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 | 500 - 1150 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 accessoires.

Free-hand working

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

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.

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.

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.

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.

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.

Data processing apps

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

EuroSoft mobile EuroSoft mobile

