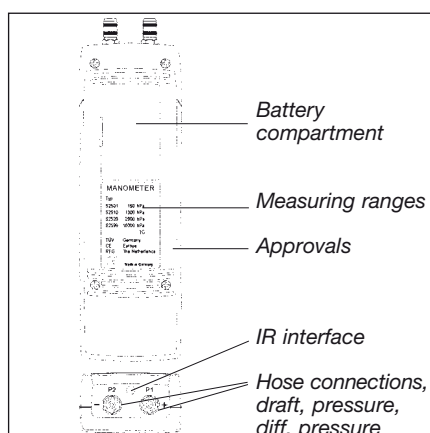


# Handheld electronic pressure instruments

## Series S2500 (microprocessor-controlled)



### EUROprinter thermal printer



### Application

For measuring pressure, vacuum and differential pressure. For gaseous, non-corrosive dry media.

### Description

The series S2500 pressure meters with digital display use state-of-the-art microprocessor technology and are designed for industrial applications.

The unit is operated via a smooth, easy-to-clean foil keypad. The measured values are shown on a large LCD display. They can be printed on an optional thermal printer via the integrated infrared interface. Zero correction is initiated automatically as soon as the unit is switched on, or manually via a key. The instrument features a hold function so that a current measured value remains displayed on the LCD.

### Technical specifications

#### Supply voltage

2 Alkaline batteries 1.5 V (included), battery life approx. 300 hours (continuous operation)

#### Display

13 mm high LC display

#### Pressure units

bar, mbar, hPa (selectable)

### Hose connections

2 x Ø 8 mm plug connection (S 2501 and S 2510)  
2 x Ø 3 mm plug connection (S 2520 and S 2599)

### Operating temperature range

Medium: 0 °C/+40 °C  
Ambient: 0 °C/+45 °C  
Storage/transport: -20 °C/+50 °C

### Temperature coefficient

0.05 %/K  
≤ 0.03 %/K of FSO for version S 2501TC

### Housing

Plastic, blue  
W x H x D: 66 x 143 x 37 mm

### Measuring ranges/accuracy of measurement

Accuracy of measurement  
≤ 1.0 % of measured value  
≤ 0.6 % of measured value for S 2501TC

### Type S 2501 – 0/±130 mbar

0/19.99 mbar:  
Resolution 0.01 mbar  
≥ 20 mbar:  
Resolution 0.1 mbar  
Max. static pressure 1 bar

### Type S 2510 – 0/±1,000 mbar

0/199.9 mbar:  
Resolution 0.1 mbar  
200/1,000 mbar:  
Resolution 1 mbar  
Max. static pressure 2 bar

### Type S2520 – -1,000/+2,000 mbar

0/199.9 mbar:  
Resolution 0.1 mbar  
200/2,000 mbar:  
Resolution 1 mbar  
Max. static pressure 4 bar

### Type S2599 – -1/+7 bar

0/1.999.9 mbar:  
Resolution: 0.1 mbar (to 199.9 mbar)  
1.0 mbar (≥ 200 mbar)

2.0/7.0 bar:  
Resolution: 0.01 bar  
Max. static pressure 10 bar

### Scope of delivery

Includes 2 alkaline batteries 1.5 V

### Options

- Type S2501 with temperature compensation and calibration certificate (= type S 2501 TC, accuracy of measurement ≤ 0.6 %)

DG: H	Part no.	Price €
<b>S2501</b>	<b>69873</b>	
<b>S2501TC</b>	<b>69690</b>	
<b>S2510</b>	<b>69876</b>	
<b>S2520</b>	<b>69877</b>	
<b>S2599</b>	<b>69884</b>	
Accessories		
<b>Protective housing with magnet</b>	<b>69341</b>	
<b>Connection set for pressure instrument</b>	<b>69691</b>	
<b>EUROPRINTER thermal printer</b>	<b>69480</b>	