

Measure differential and absolute pressure – Practical and robust

testo 511

Pressure meters for tough applications in the field. Integrated temperature compensation and 4/6 mm hose connections make testo 511 highly versatile.

- Automatic switchover of measurement range
- 5 switchable units: hPa/mbar, mmH₂O, mmHg, inH₂O, psi

For checking filters, ventilator characteristics and pressures in air conditioning/ventilation units:

testo 511

0 to 10/200 hPa/mbar

testo 511, differential pressure meter, 0 to 10/200 hPa/mbar, incl. connection hoses and battery

Part no. 0560 5111

Large, easy-to-read display



Absolute pressure for measuring barometric pressure with testo 511

Accessories Ordering data	Part no.
TopSafe (protection case) with bench stand, Protects instrument from impact and dirt	0516 0183
Connection hose, silicone, 5m long, Max. load 700 hPa (mbar)	0554 0440
9V rech. battery for instrument, Instead of battery	0515 0025
Recharger for 9V rechargeable battery, For external recharging of 0515 0025 battery	0554 0025
ISO calibration certificate/Pressure, Differential pressure; 3 points distributed over meas. range	0520 0095
ISO calibration certificate/Pressure, Absolute pressure; 5 pt. distributed over the whole measurement range	0520 0115

Technical data		
Meas. range	0 to +10 hPa	+10 to +200 hPa
Accuracy	±0.03 hPa (0 to +1 hPa) ±1 digit	±(1 hPa ±1% of mv)
Resolution	0.01 hPa	0.1 hPa
Overload	300 hPa	
Oper. temp.	0 to +40 °C	
Storage temp.	-20 to +70 °C	
Battery life	150 h	
Dimensions	191 x 57 x 42 mm	
Weight	170 g	

Pressure measurement – Practical, efficient and accurate

testo 506

Small, compact differential pressure meters with temperature compensation and practical one-button operation.

- 5 switchable units: Pa/hPa, mmH₂O, mmHg, inH₂O, psi
- Integrated air flow measurement to 27 m/s (version 2)

Measures pressure and air flow in air conditioning/ventilation and in cleanrooms with air density compensation:

testo 506

0 to 500 Pa, m/s

Differential pressure meter, incl. connection hoses and battery

Part no. 0560 5062

Built-in magnetic holder and suspension loop



Measuring air flow with the Pitot tube

Technical data		
Meas. range	0 to 500 Pa	0 to 27 m/s
Accuracy	±2.5 Pa	
Resolution	1 Pa	0.01 m/s
Overload	±2000 Pa	
Battery life	150 h	
Oper. temp.	0 to +40 °C	
Storage temp.	-20 to +70 °C	

Accessories Ordering data	Part no.
Connection hose, silicone, 5m long, Max. load 700 hPa (mbar)	0554 0440
Pitot tube, 350 mm long, stainless steel, measures velocity in connection with pressure probes	0635 2145
ISO calibration certificate/Pressure, Differential pressure; 5 points distributed over meas. range	0520 0005