



Measures differential pressure 0 to 100 hPa – Practical and robust

testo 510

Differential pressure measurement in testo 510 is temperature-compensated for accurate readings. They can be displayed in Pascal over the whole measurement range. Magnets on the back of the instrument allow you to work hands-free. When used with a Pitot tube, testo 510 measures air speed. Air density can be compensated to give accurate readings.

- Flow velocity measurement with Pitot tube (Pitot tube not included in delivery)
- Backlit display
- Selectable units: hPa, mbar, Pa, mmH₂O, inH₂O, inHg, mmHg, psi, m/s, fpm

Included: belt case, wrist strap, protective cap and calibration protocol



Differential pressure measurement on filters

testo 510

testo 510; differential pressure meter incl. protective cap, batteries and calibration protocol

Part no. 0560 0510

Accessories Ordering data	Part no.
Hose set: Connection hose, silicone, 2 m long, max. load 700 hPa (mbar)	0554 0448
Pitot tube, 350 mm long, stainless steel, measures flow speed	0635 2145
Pitot tube, 500 mm long, stainless steel, measures flow speed	0635 2045
ISO calibration certificate/Pressure, Differential pressure; 3 points distributed over meas. range	0520 0095
ISO calibration certificate/pressure, differential pressure; 5 points distributed over meas. range	0520 0005

Technical data

Probe type	Differential pressure probe
Meas. range	0 to 100 hPa
Accuracy ±1 digit	±0.03 hPa (0 to 0.30 hPa) ±0.05 hPa (0.31 to 1.00 hPa) ±(0.1 hPa + 1.5 % of mv) (1.01 to 100 hPa)
Resolution	0.01 hPa
Oper. temp.	0 to +50 °C
Battery type	2 batteries Type AAA
Battery life	50 h (average, without display illumination)
Dimensions	119 x 46 x 25 mm (incl. protective cap)