



Data sheet
testo 511

Absolute pressure measuring instrument

testo 511 – Pocket-sized absolute
pressure measurement

Highly accurate absolute pressure measurement to ± 3 hPa

Barometric altitude measurement

Calculation of barometric air pressure

8 available pressure units

Display illumination



Illustration 1:1

testo 511 measures absolute pressure to an accuracy of ± 3 hPa. The measuring instrument is ideal for absolute pressure compensation during flow velocity measurements with a Pitot tube, for example. By entering the altitude above sea level, this is converted into barometric air pressure. In addition to this, a barometric pressure measurement between two points is also possible. The eight switchable pressure units offer the user highest flexibility in measurement.

The clip-on protective cap, wrist strap and belt holder ensure safekeeping of the instrument. testo 511 is very handy, small and easy to use.



Technical data / Accessories

testo 511

testo 511 handy measuring instrument for absolute pressure incl. protection cap, batteries, belt holder and calibration protocol



Part no. 0560 0511

Sensor type	Absolute pressure probe
Measuring range	300 to 1200 hPa
Accuracy ±1 digit	±3.0 hPa
Resolution	0.1 hPa

General technical data	
Selectable units	hPa, mbar, Pa, mmH2O, mmHg, inH2O, inHg, psi, m, ft
Measurement rate	0.5 s
Storage temperature	-40 to +70 °C
Operating temperature	0 to +50 °C
Battery type	2 AAA micro batteries
Battery life	200 h (average, without display illumination)
Protection class	IP40
Weight	90 g (with batteries and protective cap)
Dimensions	119 x 46 x 25 mm (incl. protective cap)

Accessories for measuring instrument	Part no.
Connection hose, silicone, 2 m long, max. load 700 hPa (mbar)	0554 0448
Belt holder	0516 4007
ISO calibration certificate relative pressure, 3 measurement points distributed over the measurement range	0520 0085
ISO calibration certificate pressure, accuracy 0.1 to 0.6 (% of fsv), 5 points distributed over meas. range	0520 0025

Lindab Ltd

Lindab Ventilation Branches

Aberdeen	01224 708582	Exeter	01626 835032	Manchester	0161 876 0688
Basildon	01268 532016	Gateshead	0191 482 5995	Norwich	01603 747532
Belfast	02890 781607	Glasgow	0141 419 3800	Nottingham	0115 985 1923
Birmingham	0121 552 6100	High Wycombe	01494 463490	Sheffield	0114 244 5444
Bristol	0117 977 1345	Kent	01474 579800	Southampton	02380 262111
Cardiff	02920 794503	Leeds	0113 297 1111	Stoke-on-Trent	01782 383460
Croydon	0208 603 0850	Leicester	0116 255 6044		
Enfield	0208 805 3656	Lincoln	01522 567087		

Email: sales@lindab.co.uk
Web: lindab.co.uk
Eshop: lindab.co.uk/eshop

© 2024 Lindab Ltd. is a registered trademark of Lindab Ltd, as are the designation of our product ranges. Lindab Ltd reserves the right to make alterations without prior notice.

Whilst every care has been taken in the preparation of this brochure, some changes may have occurred since publication. Lindab Ltd is not responsible for omissions or typographical errors.

