

# Absolute pressure measuring instrument

## testo 511 – Pocket-sized absolute pressure measurement

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Highly accurate absolute pressure measurement to  $\pm 3$  hPa

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Barometric altitude measurement

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Calculation of barometric air pressure

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8 available pressure units

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Display illumination

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hPa

Illustration 1:1

testo 511 measures absolute pressure to an accuracy of  $\pm 3$  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, mmH <sub>2</sub> O, mmHg, inH <sub>2</sub> O, 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)
Warranty	2 years

### Accessories

### Part no.

#### Accessories for measuring instrument

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, differential pressure, accuracy 0.1 to 0.6 (% of fsv)	0520 0025	

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