

# testo

## Pressure meters

For industry and laboratories

### testo 511



Monitor, maintain and service production systems

hPa

mbar

mm H<sub>2</sub>O

in H<sub>2</sub>O

mm Hg

psi



User-friendly operation and large display



Wall mounting with fixing clip



Traceable accuracy thanks to ISO or DKD calibration certificates



#### Industry

With a measuring range up to 1000 hPa (1 bar), testo 511 is suitable for applications in production units, vacuum lifters and extraction units. The meter is also suitable for tough applications in damp, dirt and oily environments when inside TopSafe.

#### Barometric pressure measurement

Absolute pressure (barometric pressure) plays an important role in many measurements and inspections in laboratories. Fluctuations in absolute pressure caused by changes in weather can be measured with a resolution of 1 mbar using testo 511 P<sub>abs</sub>.

#### Vacuum measurement

Negative pressure in ventilation systems and vacuum pumps can be measured using testo 511 P<sub>abs</sub>.

**testo 511 (1000 hPa/mbar)** measures differential, positive and negative pressure up to 1 bar.

The meter is ideally suitable for service purposes thanks to its robust casing, TopSafe (optional), and its user-friendly operation.

Switch on, zero and measure, that's how easy it is to measure pressure.

### The benefits

- Compact design
- User-friendly operation
- Temperature-compensated; temperature fluctuations will therefore not have any influence on the measured result.
- TopSafe (optional) protects the meter from dirt and impact.
- 5 units in one instrument (hPa/mbar, mm H<sub>2</sub>O, mm Hg, in H<sub>2</sub>O, psi)



**testo 511 (1100 hPa/mbar abs)** measures absolute pressure (barometric pressure) up to 1100 hPa/mbar.

Barometric measurements but also service and maintenance on vacuum systems (e.g. pumps) can also be carried out. The meters can be calibrated to ISO or DKD for traceable readings.

### The benefits

- Robust design
- User-friendly operation
- Temperature-compensated; temperature fluctuations will therefore not have any influence on the measured result.
- TopSafe (optional) protects the instrument from dirt and impact.
- Wall holder (optional)
- 5 units in one instrument (hPa/mbar, mm H<sub>2</sub>O, mm Hg, in H<sub>2</sub>O, psi)



### Technical data for testo 511

Measuring range	0 to 1000 hPa/mbar	0 to 1100 hPa/abs
Resolution	1 hPa	1 hPa
Overload	2 times	2 times
Accuracy	± 0.5% of fs	± 4 hPa
Application temperature	0 °C to +40 °C	
Storage temperature	-20 °C to +70 °C	
Battery	9 V-Block	
Battery life	150 h	
Dimensions	190x57x42 mm	
Weight	170 g	

### Ordering data for testo 511

Qty.	Meters	Part no.	
	<b>testo 511 - 1000 hPa/mbar, differential pressure meter</b> incl. battery, connection hoses	0560 5112	
	<b>testo 511 - 1100 hPa/mbar abs, absolute pressure meter</b> , incl. battery, connection hoses	0560 5113	
	<b>Calibration certificates</b>		
	ISO calibration certificate, 5 cal. points distributed evenly in the measuring range of the object being tested, for diff. press. meas.	0520 0005	
	DKD calibration certificate, 11 cal. points distributed evenly in the measuring range of the object being tested, for diff. press. meas.	0520 0215	
	ISO calibration certificate, 5 cal. points distributed evenly in the measuring range of the object being tested, for abs. pressure meas.	0520 0115	
	DKD calibration cert., 11 cal. points distributed evenly in the measuring range of the object being tested, for abs. pressure meas.	0520 0212	
	<b>Accessories</b>		
	TopSafe (indestructible protection case) incl. desktop stand to protect instrument from dirt and impact	0516 0183	
	Fixing clip for meter with TopSafe, consists of fixing clip and magnetic holder	0554 0398	
	Accessory kit for meter without TopSafe consisting of carrying loop and fixing clip, which can also be used as a wall holder	0554 0550	
	Case for safe storage of meter	0516 0182	

Subject to change without notice.

### Fax to:

### Sender

Name

Company

Department

Address

Date, Signature

Tel./Fax