



testo 512

Measure Pressure and Flow

On-site readings documentation

NEW!



m/s

fpm

hPa

kPa

Pa

mm H₂O

mm Hg

psi

inch H₂O

inch Hg

testo 512

testo 512 shows pressure and flow simultaneously in an easy-to-read, large, backlit display. Measurement data is printed on site with date and time as well as minimum and maximum values. testo 512 has two switchable units for flow: m/s and fpm. Eight units can be set for pressure: kPa, hPa, Pa, mm H₂O, mmHg, psi, inch H₂O, inch Hg.

Adjustable smoothing for gliding mean calculation, density compensation is built-in. The displayed actual value can be frozen in the display by pressing the HOLD button. The measured minimum and maximum value can be displayed and stored in the meter.

TopSafe protects the meter in the field from impact, dirt and splash water.

Measure Pressure and Flow

- Simultaneous display of flow and pressure value
- 8 units for pressure: kPa, hPa, Pa, mm H₂O, mmHg, psi, inch H₂O, inch Hg
- 2 units for flow: m/s, fpm
- Built-in density compensation
- Smoothing adjustable between 1 to 20 display refreshes (0.5 s) as sliding mean
- Readings printout with date/time and min./max. values
- Hold/Max/Min function
- Display light



Measuring outlet air

1	testo 512 0 to 2 hPa/mbar
testo 512 differential pressure meter, 0 to 2 hPa, incl. battery and calibration protocol	
Part no.	
0560 5126	

2	testo 512 0 to 20 hPa/mbar
testo 512 differential pressure meter, 0 to 20 hPa, incl. battery and calibration protocol	
Part no.	
0560 5127	

3	testo 512 0 to 200 hPa/mbar
testo 512 differential pressure meter, 0 to 200 hPa, incl. battery and calibration protocol	
Part no.	
0560 5128	

4	testo 512 0 to 2000 hPa/mbar w/o flow
testo 512 differential pressure meter, 0 to 2000 hPa, incl. battery and calibration protocol	
Part no.	
0560 5129	



Measuring process air

Technical data	1	testo 512 0 to 2 hPa/mbar	2	testo 512 0 to 20 hPa/mbar	3	testo 512 0 to 200 hPa/mbar	4	testo 512 0 to 2000 hPa/mbar
Probe type	Built-in pressure probe	Pilot tube	Built-in pressure probe	Pilot tube	Built-in pressure probe	Pilot tube	Built-in pressure probe	without flow, without Pa
Meas. range	0 to +2 hPa	+2 to +17.5 m/s	0 to +20 hPa	+5 to +55 m/s	0 to +200 hPa	+10 to +100 m/s	0 to +2000 hPa	
Resolution	0.001 hPa	0.1 m/s	0.01 hPa	0.1 m/s	0.1 hPa	0.1 m/s	1 hPa	
Overload	±10 hPa		±200 hPa		±2000 hPa		±4000 hPa	
Accuracy ±1 digit	0.5% of fsv		0.5% of fsv		0.5% of fsv		0.5% of fsv	

Common data			
Oper. temp.	0 to +60 °C	Dimensions	202 x 57 x 42 mm
Storage temp.	-10 to +70 °C	Weight	300 g
Battery type	9V block battery, 6F22	Material/Housing	ABS
Battery life	120 h	Measuring medium	All non-corrosive gases
Display	LCD, 2 lines	Warranty	2 years
Auto Off	10 min		

Accessories	Part no.
Testo printer with wireless IRDA and infrared interface, 1 roll of thermal paper and 4 round cell batteries	0554 0547
Spare thermal paper for printer (6 rolls)	0554 0568
Measurement data documentation legible for up to 10 years	
TopSafe, protects from impact and dirt	0516 0221
Case for measuring instrument and probes	0516 0210
Transport case for measuring instrument and probes	0516 0201
9V rech. battery for instrument instead of battery	0515 0025
Recharger for 9V rechargeable battery for external recharging of 0515 0025 battery	0554 0025
Pitot tube, 350 mm long, stainless steel, measures flow in combination with pressure probes	0635 2145
Pitot tube, 500 mm long, stainless steel, measures flow in combination with pressure probes	0635 2045
Pitot tube, 1000 mm long, stainless steel, measures flow in combination with pressure probes 0638 1347	0635 2345
Connection hose, silicone, 5m long	0554 0440
Max. load 700 hPa (mbar)	
Hose connection set for gas pressure measurement to heating systems, incl. silicone hoses and T-pieces	0554 0315
DKD calibration certificate/Pressure Differential and positive pressure; 11 measuring points distributed over the instrument measuring range	0520 0215
ISO calibration certificate/Pressure Differential pressure; 5 points distributed over meas. range	0520 0005