



testo 512

## Pressure and Flow Meters

Versatile instrument with on-site printing option

**NEW!**



m/s

fpm

mbar

kPa

bar

mm H<sub>2</sub>O

mm Hg

psi

inch H<sub>2</sub>O

inch Hg

## testo 512

## Pressure and Flow Meters

The testo 512 range consists of 4 instruments for the measurement of pressure and velocity. The instruments simultaneously display flow (choice of 2 units: m/s and fpm) and pressure (choice of 8 units: kPa, mbar, bar, mmH<sub>2</sub>O, mmHg, psi, inch H<sub>2</sub>O, inch Hg).

All of the testo 512 instruments can be used with the testo printer (optional) to provide onsite documentation of readings with date/time and minimum/maximum values.

Also available is a TopSafe case to protect your instrument from dirt, water and impact.

- Simultaneous display of flow and pressure value
- 8 units for pressure: kPa, mbar, bar, mm H<sub>2</sub>O, mmHg, psi, inch H<sub>2</sub>O, 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 rolling mean
- Readings printout with date/time and min./max. values
- Hold/Max/Min function
- Backlit display



Measuring outlet air

1	testo 512 0 to 2 mbar
testo 512 differential pressure meter, 0 to 2 mbar, including battery and calibration protocol	
Part no.	<b>0560 5126</b>

2	testo 512 0 to 20 mbar
testo 512 differential pressure meter, 0 to 20 mbar, including battery and calibration protocol	
Part no.	<b>0560 5127</b>

3	testo 512 0 to 200 mbar
testo 512 differential pressure meter, 0 to 200 mbar, including battery and calibration protocol	
Part no.	<b>0560 5128</b>

4	testo 512 0 to 2000 mbar without flow
testo 512 differential pressure meter, 0 to 2000 mbar, including battery and calibration protocol	
Part no.	<b>0560 5129</b>



Measuring process air

Technical data	1	testo 512 0 to 2 mbar	2	testo 512 0 to 20 mbar	3	testo 512 0 to 200 mbar	4	testo 512 0 to 2000 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 bar
Measuring range	0 to +2 mbar	+2 to +17.5 m/s	0 to +20 mbar	+5 to +55 m/s	0 to +200 mbar	+10 to +100 m/s	0 to +2000 mbar	
Resolution	0.001 mbar	0.1 m/s	0.01 mbar	0.1 m/s	0.1 mbar	0.1 m/s	1 mbar	
Overload	±10 mbar		±200 mbar		±2000 mbar		±4000 mbar	
Accuracy ±1 digit	0.5% of fsv		0.5% of fsv		0.5% of fsv		0.5% of fsv	

Common data			
Operating 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	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 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 rechargeable battery for instrument instead of battery	0515 0025
Recharger for 9V rechargeable battery for external recharging of 0515 0025 battery	900 000 0123
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 Max. load 700 mbar	0554 0440
Hose connection set for gas pressure measurement to heating systems, including silicone hoses and T-pieces	0554 0315
ISO calibration certificate/Pressure 5 points across range	300520 0018

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