



Pressure and velocity measurement



±0.5 %/full-scale value

Pressure and velocity measuring instrument with switchable units. When connected to a Pitot tube, testo 512 displays pressure as well as air velocity.

TopSafe protects the instrument from dust, dirt and impact (optional).

- **Simultaneous display of velocity and pressure value**
- **Adjustable damping**
- **Density compensation integrated**
- **6 switchable pressure units: hPa/mbar, mmH2O, mmHg, psi, inH2O, inHg**



Simultaneous measurement of pressure and velocity flow using a Pitot tube

hPa

m/s

fpm

testo 512

0 to 2 hPa/mbar

testo 512, differential pressure meter, 0 to 2 hPa/mbar, incl. battery and calibration protocol

Part no. 0560 5120

testo 512

0 to 20 hPa/mbar

testo 512, differential pressure meter, 0 to 20 hPa/mbar, incl. battery and calibration protocol

Part no. 0560 5121

testo 512

0 to 200 hPa/mbar

testo 512, differential pressure meter, 0 to 200 hPa/mbar, incl. battery and calibration protocol

Part no. 0560 5122

testo 512

0 to 2000 hPa/mbar without velocity

testo 512, differential pressure meter, 0 to 2000 hPa/mbar, incl. battery and calibration protocol

Part no. 0560 5123

Ordering data for Accessories

	Part no.
TopSafe (indestructible protection case) with bench stand Protects instrument from impact and dirt	0516 0183
Multi-function clip (for instrument with TopSafe) Includes multi-function clip and magnetic holder	0554 0398
Case for instrument and probes For safe and orderly storage	0516 0182
Connection hose, silicone, 5m long Max. load 700 hPa (mbar)	0554 0440
Pitot tube, 350 mm long, stainless steel, measures velocity speed	0635 2145
ISO calibration certificate/Pressure Differential pressure; 5 points distributed over meas. range (-1 to 250 bar)	0520 0005
ISO calibration certificate/Pressure Calibration points freely selectable from 0 to 70 bar absolute and 0 to 250 bar positive pressure	0520 0105
DKD calibration certificate/Pressure Differential and positive pressure; 11 measuring points distributed over the instrument measuring range	0520 0215

Technical data

Version: 0 to 2 hPa/mbar			
Probe type	Integrated pressure cell	Pitot tube	Pitot tube
Meas. range	0... +2 hPa	+2... +17.5 m/s	0... +3350 fpm
Resolution	0.001 hPa (0... +2 hPa)	0.1 m/s (+1... +17 m/s)	0.1 fpm (0... +3350 fpm)
Overload	±10 hPa (0... +2 hPa)		
Version: 0 to 20 hPa/mbar			
Probe type	Integrated pressure cell	Pitot tube	Pitot tube
Meas. range	0... +20 hPa	+5... +55 m/s	0... +10800 fpm
Resolution	0.01 hPa (0... +20 hPa)	0.1 m/s (+3... +55 m/s)	1 fpm (0... +10800 fpm)
Overload	±200 hPa (0... +20 hPa)		
Version: 0 to 200 hPa/mbar			
Probe type	Integrated pressure cell	Pitot tube	Pitot tube
Meas. range	0... +200 hPa	+10... +100 m/s	0... +19650 fpm
Resolution	0.1 hPa (0... +200 hPa)	1 m/s (+9... +100 m/s)	1 fpm (0... +19650 fpm)
Overload	±2000 hPa (0... +200 hPa)		
Version: 0 to 2000 hPa/mbar			
Probe type	Integrated pressure cell		
Meas. range	0... +2000 hPa		
Resolution	1 hPa (0... +2000 hPa)		
Overload	±4000 hPa (0... +2000 hPa)		

Common data

Accuracy	0.5% full-scale val./±1 digit	Battery life	120 h
Measuring medium	All non-corrosive gases	Auto Off	20 min
Oper. temp.	0... +60 °C	Dimensions	191x57x42 mm
Storage temp.	-10... +70 °C	Weight	275 g
Battery type	9V block battery	Warranty	2 years