

# TESTO 512



## Testo 512

### Simultaneous pressure and velocity measurement in one instrument.

When connected to a pitot tube, the Testo 512 displays pressure at up to 200hPa/mbar as well as air velocity. The TopSafe case (optional) protects the instrument from dust, dirt and impact.

#### Advantages:

- Simultaneous display of velocity and pressure values.
- 6 switch able pressure units: hPa/mbar, mmH<sub>2</sub>O, inHg.
- 2 switch able velocity units: m/s, fpm (not available on the 0-2000mbar version).
- Integral density compensation.
- Adjustable damping.

#### Applications:

- Simultaneous measurement of pressure and velocity using a pitot tube on air conditioning/ventilation units.
- Measures the pressure in the central locking system of vehicles.
- Monitors differential pressure in filters (within air conditioning and ventilation systems).
- Measures differential pressure for clean room monitoring.
- Measures positive and negative pressure in air conditioning ducts.



### Technical Specifications

<b>Sensor</b>	Inductive measurement of membrane displacement.	
<b>Measuring Ranges</b>	0 to 2hPa (mbar) - 10 times overload 0 to 20hPa (mbar) - 10 times overload 0 to 200hPa (mbar) - 10 times overload 0 to 2000hPa (mbar) - 2 times overload (4 separate measuring instruments)	
<b>Resolution</b>	<b>Pressure</b>	<b>Velocity</b>
	0.001 mbar 0.01 mbar 0.1 mbar 1 mbar	0.1m/s 0.1 fpm x 100 0.1m/s 1 fpm x 100 1 m/s 1 fpm x 100
<b>Accuracy</b>	0.5% of full-scale val. ±1 digit	
<b>Substances which can be measured</b>	All non-corrosive gases	
<b>Connections</b>	4/6.5mm hoses	
<b>Operating Temperature</b>	0 to 60°C	
<b>Storage Temperature</b>	-10 to +70°C	
<b>Battery Type</b>	9V PP3	
<b>Battery Life</b>	Approx 120 hours	
<b>Dimensions</b>	191 x 57 x 42 mm	
<b>Auto Off</b>	Approx. 20 mins	
<b>Warranty</b>	1 year	

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