

# Manometer PCE-MPM 10



**Manometer for determining differential pressure / For gaseous media / LC display /  
Measuring range  $\pm 5000$  Pa / For mobile use / 11 different pressure units**

The manometer is a small and handy measuring device for determining the differential air pressure. The pressure meter has a measuring range of  $\pm 5000$  Pa. The pressure meter is connected via two hose connections with a diameter of 8 mm. After switching on, the pressure meter shows the differential pressure directly. The measured value can be displayed in 11 different pressure units. The pressure meter is used, for example, in ventilation and air conditioning technology or in educational institutions such as technical colleges and universities.

In addition to the normal display of measured values, the manometer can also display the smallest, largest and average measured values. This makes the pressure meter easier to analyze the measured values. To save the batteries, the pressure meter switches itself off automatically within five minutes.

- ▶ 11 different pressure units
- ▶ Measuring range:  $\pm 5000$  Pa
- ▶ Zero point calibration
- ▶ Relative pressure gauge
- ▶ Small and handy design
- ▶ Average measurement

## Specifications

<b>Measuring range Pa</b>	±5000 Pa
Resolution	1 Pa
<b>Measuring range hPa</b>	±50.00 hPa
Resolution	0.01 hPa
<b>Measuring range mBar</b>	±50.00 hPa
Resolution	0.01 hPa
<b>Measuring range mmH2O</b>	±509.9 mmH2O
Resolution	0.1 mmH2O
<b>Measuring range mmHg</b>	±37.50 mmHg
Resolution	0.01 mmHg
<b>Measuring range inH2O</b>	±20.07 inH2O
Resolution	0.01 inH2O
<b>Measuring range inHg</b>	±1.476 inHg
Resolution	0.001 inHg
<b>Measuring range psi</b>	±0.725 psi
Resolution	0.001 psi
<b>Measuring range ozin<sup>2</sup></b>	±11.60 ozin <sup>2</sup>
Resolution	0.01 ozin <sup>2</sup>
<b>Measuring range bar</b>	±0.050 bar
Resolution	0.001 bar
<b>Measuring range kPa</b>	±5.000 kPa
Resolution	0.001 kPa
<b>Further specifications</b>	
Display	LCD
Accuracy	±0.3 % of full scale @25 °C / 77 °F
Repeatability	±0.2 % of full scale (maximum ±0.5 % of full scale)
Linearity	±0.29 % of full scale
Medium	gaseous
Maximum pressure	2 psi
Measuring rate	2 Hz
Battery status display	display when the battery voltage is too low
Exceeding the measuring range	"OL" display
Operating conditions	0 ... 50 °C / 32 ... 122 °F, <90 % RH, non-condensing
Storage conditions	-10 ... 60 °C / 14 ... 140 °F, <90 % RH, non-condensing
Hose connection	2 x 8 mm / 0.078 x 0.315"
Power supply	3 x 1.5 V batteries
Dimensions	140 x 52 x 28 mm / 5.5 x 2.0 x 1.1"
Weight	130 g / 4.58 oz

## More information

More product info



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