

PRESSURE METER

PCE-910



- » **± 1 to 2000 mbar (± 0.01 to 29.00 psi) measuring range**
- » **10 measurement units: psi, mbar, inH₂O, mH₂O, inHg, mmHg, Torr, Pa / kPa, atm, kg/cm²**
- » **Designed to measure air, gas and non-corrosive liquid pressures**
- » **Min, max and data hold functions**
- » **RS-232 port / interface**
- » **15 mm / 0.6 in LCD screen**
- » **Optional PC software with RS-232 cable sold separately as a data transfer accessory**

A portable handheld digital differential pressure gauge, meter or manometer used to measure differential pressure in pneumatic, compressor and pump installations, valves, tanks and heating, ventilation and air conditioning (HVAC) systems. The differential pressure meter features a dust-proof, splash-resistant housing, allowing the meter to be used under adverse conditions.

The differential pressure manometer comes with 1 x 1 m / 3 ft long silicon tube, 2 x stainless steel tube adapters and 1 x 9V block battery. Optional PC software with RS-232 cable sold separately as a data transfer accessory. The software can be used to transmit the data to a computer for evaluating, documenting and storing pressure fluctuations. Simply connect the differential manometer via RS-232 to your computer for analysis. If your computer doesn't have an RS-232 interface, you may acquire an RS-232 to USB adapter (see accessories tab for details).

Specification

Differential pressure	
Measuring range up to	-2000 ... +2000 mbar
Resolution	1 mbar
Accuracy	± 2% FS.
Differential pressure	
Measuring range up to	-29 ... +29 psi
Resolution	0,01 psi
Accuracy	± 2% FS.
Differential pressure	
Measuring range up to	-802 ... +802 inH2O
Resolution	0,5 inH2O
Accuracy	± 2% FS.
Differential pressure	
Measuring range up to	-20,4 ... +20,4 mH2O
Resolution	0,01 mH2O
Accuracy	± 2% FS.
Differential pressure	
Measuring range up to	-59 ... +59 inHg
Resolution	0,02 inHg
Accuracy	± 2% FS.
Differential pressure	
Measuring range up to	-1500 ... +1500 mmHg
Resolution	1 mmHg
Accuracy	± 2% FS.
Differential pressure	
Measuring range up to	-1,974 ... +1,974 atm
Resolution	0,001 atm
Accuracy	± 2% FS.
Differential pressure	
Measuring range up to	-2,04 ... +2,04 kg/cm²
Resolution	0,001 kg/cm²
Accuracy	± 2% FS.

General technical data	
Measuring functions	MIN, MAX, HOLD, peak
Display Typ	LCD with illumination
Display size	2,8 Inch
Data interface	RS232
Response time	0,8 s
Automatic power-off	10 min.
Repeatability	1 %
Menu language	English (US), English (GB)
Protection class (device)	IP20
Battery/battery	1 x 9 V 9V Block , Alkali-Manganese
Battery capacity	640 mAh
Operating conditions	0 ... 50 °C , 0 ... 80 %RH
Storage conditions	0 ... 50 °C , 0 ... 80 %RH
Dimensions (L x W x H)	180 x 72 x 32 mm
Weight	210 g