

Differential Pressure Meter PCE-917



PCE-917 Differential Pressure Meter

Portable handheld manometer measures differential pressure from ± 5 to 7000 mbar ($\pm 0.05 / 0.1$ to 101.5 psi) / Optional PC software with RS-232 cable sold separately as a data transfer accessory

PCE-917 is a portable handheld digital differential pressure 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 PCE-917 features a dust-proof, splash-resistant housing, allowing the meter to be used under adverse conditions.

The PCE-917 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).

- ▶ ± 5 to 7000 mbar ($\pm 0.05 / 0.1$ to 101.5 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 ft LCD screen
- ▶ Optional PC software with RS-232 cable sold separately as a data transfer accessory

Specifications

mbar	Resolution: 5 Range: ± 7000
psi	Resolution: 0.05 / 0.1 Range: ± 101.5
inH2O	Resolution: 2 Range: ± 2800
mH2O	Resolution: 0.05 Range: ± 70.00
inHg	Resolution: 0.1 Range: ± 206.0
mmHg	Resolution: 5 Range: ± 5250
Torr	Resolution: - Range: -
Pa / kPa	Resolution: - Range: -
atm	Resolution: 0.005 Range: ± 6.905
kg/cm ²	Resolution: 0.005 Range: ± 7.000
Accuracy	± 2% (full range)
Reproducibility	± 1%
Response time	0.8 second
Interface	RS-232 port
Power supply	1 x 9V block battery
Housing material	Plastic
Housing dimensions	Approx. 180 x 72 x 32 mm / 7.09 x 2.84 x 1.26 in
Weight	Approx. 210 g / < 1 lb
Warning:	***Exceeding the maximum pressure range will destroy the sensor***

More information

Manual



More product info



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