

Differential Pressure Gauge PCE-910



PCE-910 Differential Pressure Gauge

Portable handheld manometer measures differential pressure from ± 1 to 2000 mbar (± 0.01 to 29.00 psi) / Optional PC software with RS-232 cable sold separately as a data transfer accessory

PCE-910 is 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 PCE-910 features a dust-proof, splash-resistant housing, allowing the meter to be used under adverse conditions.

The PCE-910 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).

- ▶ ± 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

Specifications

mbar	Resolution: 1 Range: ± 2000
psi	Resolution: 0.01 Range: ± 29.00
inH ₂ O	Resolution: 0.5 Range: ± 802.0
mH ₂ O	Resolution: 0.01 Range: ± 20.40
inHg	Resolution: 0.02 Range: ± 59.00
mmHg	Resolution: 1 Range: ± 1500
Torr	Resolution: - Range: -
Pa / kPa	Resolution: - Range: -
atm	Resolution: 0.001 Range: ± 1.974
kg/cm ²	Resolution: 0.001 Range: ± 2.040
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***

Subject to change

