

## Digital manometer 917-ICA

### **PCE-917 Differential Pressure Gauge incl. ISO calibration certificate**

**Portable handheld manometer measures differential pressure from  $\pm 5$  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 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-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).

- $\pm 5$  to 7000 mbar ( $\pm 0.05$  / 0.1 to 101.5 psi) measuring range
- 10 measurement units: psi, mbar, inH<sub>2</sub>O, mH<sub>2</sub>O, inHg, mmHg, Torr, Pa / kPa, atm, kg/cm<sup>2</sup>
- 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
- **Incl. ISO calibration certificate**

### **Specifications:**

mbarResolution: 5  
Range:  $\pm 7000$   
psiResolution: 0.05 / 0.1  
Range:  $\pm 101.5$   
inH<sub>2</sub>OResolution: 2  
Range:  $\pm 2800$   
mH<sub>2</sub>OResolution: 0.05  
Range:  $\pm 70.00$   
inHgResolution: 0.1  
Range:  $\pm 206.0$   
mmHg  
Resolution: 5  
Range:  $\pm 5250$   
TorrResolution: -  
Range: -  
Pa / kPaResolution: -  
Range: -  
atmResolution: 0.005  
Range:  $\pm 6.905$   
kg/cm<sup>2</sup>Resolution: 0.005  
Range:  $\pm 7.000$

Accuracy± 2% (full range)Reproducibility± 1%Response time0.8 secondInterfaceRS-232 portPower supply1 x 9V  
block battery  
Housing materialPlastic  
Housing dimensionsApprox. 180 x 72 x 32 mm / 7.09 x 2.84 x 1.26 in  
WeightApprox. 210 g / < 1 lb**Warning:\*\*\*Exceeding the maximum pressure range will destroy the sensor\*\*\***

**Delivery scope:**

1 x PCE-917 differential pressure gauge  
1 x 9V block battery  
2 x Stainless steel tube adapters  
1 x 1 m / 3 ft long silicon tube  
1 x User manual  
**1 x ISO calibration certificate**