PRESSURE METER

PCE-910-ICA



- **± 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" LCD screen**
- **optional PC software with RS-232 cable sold separately as a data transfer accessory**
- **incl. ISO-Calibration Certificate**

This device 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 pressure meter features a dust-proof, splash-resistant housing, allowing the meter to be used under adverse conditions.

The differential pressure meter comes with 1 x 1 m / 3' long silicon tube, 2 x stainless steel tube adapters and 1 x 9 V 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 from the pressure meter to a computer for evaluating, documenting and storing pressure fluctuations. Simply connect the pressure meter 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

Pressure	
Measuring range	-2000 ... +2000 mbar
Resolution	1 mbar
Accuracy	±2% FS %
Pressure	
Measuring range	-29 ... +29 psi
Resolution	0,01 psi
Accuracy	±2% FS %
Pressure	
Measuring range	-802 ... +802 inH_2O
Resolution	0,5 inH_2O
Accuracy	±2% FS
Pressure	
Measuring range	-20,4 ... +20,4 mH_2O
Resolution	0,01 mH_2O
Accuracy	±2% FS
Pressure	
Measuring range	-59 ... +59 inHg
Resolution	0,02 inHg
Accuracy	±2% FS
Pressure	
Measuring range	-1500 ... +1500 mmHg
Resolution	1 mmHg
Accuracy	±2% FS
Pressure	
Measuring range	-1,974 ... +1,974 atm
Resolution	0,001 atm
Accuracy	±2% FS
Pressure	
Measuring range	-2,04 ... +2,04 kg/cm^2
Resolution	0,001 kg/cm^2
Accuracy	±2% FS

General technical data	
Measuring functions	MIN, MAX, HOLD, peak
Display type	LCD
Display size	2,8 Inch
Interface	RS232
Automatic power-off	10 min
Repeatability	1 %
Housing	Plastic
Measuring interval	0,8 s
Menu language	English, English (GB)
Protection class (device)	IP20
Power supply	Battery
(Rechargeable) battery	1 x 9 V 9V block , Alkali-manganese
Capacity	550 mAh
Operating conditions	0 ... 50 °C , 0 ... 80 % RH
Storage conditions	0 ... 50 °C , 0 ... 80 % RH
Dimensions (L x W x H)	190 x 76 x 32 mm
Weight	205 g

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