MANOMETER

PCE-P15-ICA



- **9 selectable units**
- **Digital display of over, under (vacuum) or differential pressure**
- **Min / Max memory**
- **Data hold function**
- **Backlit LCD display**
- **Impact-resistant ABS housing**
- **Auto-power-off function**
- **Further areas of application**
- **The applications of the differential manometer are diverse.**

Here you can see a professional differential pressure manometer with the highest accuracy and best performance. With this differential manometer you can not only measure. The pressure readings can easily be transferred online to a PC or laptop. The differential pressure gauge is ideal for use in industry, in service and in the laboratory. The device is particularly suitable for measuring non-corrosive media. The overload protection is twice the measuring range. The 9 units that can be shown on the display make this differential manometer universally applicable for the practitioner on site and saves laborious conversion of the measurement results (conversion table of the pressure units).

If you want to transfer the measurement data from the differential manometer to the computer, you need the optional software and the RS-232 interface cable. The software runs in conjunction with the Windows® versions `95,` 98, `2 and ME / XP (short info: pressure measuring device with interface).

Specification

Differential pressure	
Measuring range	-1000 ... +1000 mbar
Resolution	1 mbar
Accuracy	±0.3% FS at 25°C
Differential pressure	
Measuring range	-415 ... +415 inH2O
Resolution	0,3 inH2O
Accuracy	±0.3% FS at 25°C
Differential pressure	
Measuring range	-30,5 ... +30,5 inHg
Resolution	0,005 inHg
Accuracy	±0.3% FS at 25°C
Differential pressure	
Measuring range	-750 ... +750 mmHg
Resolution	0,5 mmHg
Accuracy	±0.3% FS at 25°C
Differential pressure	
Measuring range	-100 ... +100 kPa
Resolution	0,1 kPa
Accuracy	±0.3% FS at 25°C
Differential pressure	
Measuring range	-1050 ... +1050 cmH2O
Resolution	1 cmH2O
Accuracy	±0.3% FS at 25°C / 77°F
Differential pressure	
Measuring range	-1,05 ... +1,05 kg/cm²
Resolution	0,001 kg/cm²
Accuracy	±0.3% FS at 25°C / 77°F
Differential pressure	
Measuring range	-15 ... +15 psi
Resolution	0,01 psi
Accuracy	±0.3% FS at 25°C / 77°F

General technical data	
Measuring functions	MIN, MAX, HOLD, AVG
Display Typ	LCD with illumination
Interface	RS232
Response time	0,3 mS
Measuring medium	Air, Gases
Automatic power-off	20 min.
Repeatability	0,2 %
Housing	ABS
Menu language	English (US), English (GB)
Protection class (device)	IP20
Battery/battery	1 x 9 V 9V Block , Zinc carbon
Battery capacity	310 mAh
Operating conditions	0 ... 50 °C , 0 ... 80 %RH
Storage conditions	-10 ... 60 °C , 0 ... 80 %RH
Dimensions (L x W x H)	182 x 72 x 30 mm
Weight	150 g

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