



Differential pressure gauge PCE-P05

Differential pressure gauge PCE-P05 for the measuring range of -344 ... +344 mbar / including software / Pressure measurement in 11 selectable units

The differential pressure gauge PCE-P05 is a rugged, compact and comprehensive device for measuring pressure in 11 adjustable units. The differential pressure gauge PCE-P05 is particularly suitable for the complete documentation of your measuring tasks. On the large display of the PCE-P05 differential pressure gauge, the minimum, maximum and average values of your measurement can be viewed parallel to the current measured value. If, for example, you would like to detect and document pressure fluctuations, you can use the enclosed software, which makes it possible to transfer the measured values to the computer, for example, every second and to have them graphically and tabular displayed.

Software

The included software incl. USB cable allows you to document your measurement tasks seamlessly. For this purpose, the device offers the possibility of "real-time" recording: To do this, connect the differential pressure gauge to the computer via USB and start saving the measured values with the time interval you have selected. Then you can calculate averages directly in the software or export the stored data to Microsoft Excel. The English-language software is also easy and intuitive to use by people without English language skills.

- Easiest operation
- 11 selectable units: mbar, bar, psi, kPa,...
- Measuring range from -344 ... +344 mbar
- Min / Max and average Display directly on the display
- "Hold" function
- Backlight On / Off Switchable



- For long-term measurements incl. Power supply
- Software with USB cable included
- Battery level indicator
- Auto off function can be switched off - Zero point adjustment possible at any time

Technical Specifications of the Differential pressure gauge PCE-P05

Measuring range	138.30
inH2O	5,000
psi	344.7
mbar	34.47
kPa	1.018
inHg	258.5
mmHg	80.00
ozin ²	11.53
ftH2O	351.5
cmH2O	0.351
kgcm ²	0.344
bar	
Resolution	0.1
inH2O	0.001
psi	0.1
mbar	0.01
kPa	0.001
inHg	0.1
mmHg	0.01
ozin ²	0.001
ftH2O	0.1
cmH2O	0.001
kgcm ²	0.001
bar	
Accuracy (at 25 ° C)	± 0.3%
linearity	± 0.2%
response time	approx. 0.5 sec.
load limit	1378 mbar
operating temperatur	+0 ... + 50 ° C
storage temperature	-10 ... +60 ° C
medium	Air and non-explosive gases
Save interval	1 s to 24 h adjustable
display	Dual LCD Display
dimension	210 x 75 x 50 mm (HxWxD)
Weight (without batteries)	650 g
power supply	Battery: 1 x 9 V block battery Power supply: DC9V, 500 mA

Delivery Content:

- 1 x differential pressure gauge PCE-P05
- 4 x 30cm silicone hose
- 1 x software incl. USB cable
- 1 x 9V block battery
- 1 x 9VDC power supply
- 1 x plastic case
- 1 x user manual

Note!!! Overload destroys the pressure sensor of the differential pressure gauge PCE-P05

Optional Accessories:

Order No. : SS-AZ PVC HOSE for pressure gauge
- length: **2 m (suitable cutting possible)**
- inner diameter: 3.5 mm

