

MANOMETER

PCE-PME 250



- » **MAX, MIN, AVG value, HOLD**
- » **audible alarm**
- » **13 selectable pressure units**
- » **data logging and software**
- » **rechargeable lithium battery**
- » **LC colour display**
- » **date and time display**

The digital manometer is an accurate and compact meter for differential pressure measurement in a wide range of applications, such as measuring filter resistances, pressure in furnaces, orifices, gas-air ratio equalisation, combustion processes, air conditioning systems, ventilation systems, etc. The manometer is suitable for measuring non-aggressive and non-explosive gases.

The manometer offers a variety of measuring functions such as maximum, minimum and average value calculation and a HOLD function. It offers an integrated data logging function with adjustable logging interval and real-time communication with a PC as well as export of the logged data as an xls file. The rechargeable battery enables an operating time of approx. 13 hours. The manometer has an audible alarm for monitoring during use. With 13 selectable pressure units, it can be flexibly adapted to individual requirements.

Specification

Differential pressure

Measurement range up to -250 ... +250 kPa

Resolution 0,01 kPa

Accuracy $\pm 1\%$ FS

Differential pressure

Measurement range up to -2,5 ... +2,5 bar

Resolution 0,01 bar

Accuracy $\pm 1\%$ FS

General technical data

Measuring functions MIN, MAX, HOLD, AVG

Units inHg, Pa, bar, mmHg, mbar, hPa, inH₂O, kPa, psi, kg/cm², psi, Ozf/in², ftH₂O

Display type LC colour display

Storage medium Internal memory

Storage capacity 15996 Measurements

Storage interval from 1 s

Storage interval to 9999 s

Interface USB-C

Operating time 13 h

Automatic power-off from...to 1 ... 99 min.

Automatic power-off can be deactivated Yes

Alarm Acoustic

Alarm modes Above, below

Overpressure 3 kPa

Menu language English

Protection class (device) IP20

Power supply 5 V

Weight 180 g

Operating conditions -10 ... 60 °C , 0 ... 95 % RH

Storage conditions -10 ... 60 °C , 0 ... 95 % RH

Capacity 1000 mAh

Dimensions (W x H x D) 63 x 162 x 32 mm