



Features

- Over- and under- pressure
- Differential pressure / absolute pressure
- Accumulator
- Output Current & Voltage;
Current: 4-20mA - Voltage: 0-1V
- Integrated data memory
- RS232 Output
- Large screen
- USB connection
- Charging via USB connector 1.0 A

Description

A convincing feature of the HM28Pro handheld pressure gauge is its versatility. Functions are available for leak rate, min./max. values and for storing the measured values in the display. The measured values can be stored in the integrated data memory with the datalogging function and from there, logged directly on a connected printer (without PC) via the RS232 interface. A PC-software level Windows is also available. The HM28Pro permits measurements in over- and under-pressure, differential- or absolute pressure.

Technical Data

Measuring ranges		Resolution	Max. loading capacity		Error limit F.S. ± 1 digit
0... 1	mbar	0,0001	15	mbar	0,2% / 0,1%
0... 10	mbar	0,0001	20	mbar	0,2% / 0,1%
0... 25	mbar	0,0001	125	mbar	0,2% / 0,1% / 0,05%
0... 70	mbar	0,001	350	mbar	0,2% / 0,1% / 0,05%
0... 200	mbar	0,001	1500	mbar	0,2% / 0,1% / 0,05%
0... 300	mbar	0,001	1500	mbar	0,2% / 0,1% / 0,05%
0... 500	mbar	0,001	4000	mbar	0,2% / 0,1%
0... 1000	mbar	0,01	4000	mbar	0,2% / 0,1% / 0,05%
0... 2000	mbar	0,01	7000	mbar	0,2% / 0,1% / 0,05%
0... 7	bar	0,0001	17	bar	0,2% / 0,1% / 0,05%
0... 10	bar	0,0001	27	bar	0,2% / 0,1% / 0,05%
0... 17	bar	0,0001	27	bar	0,2% / 0,1% / 0,05%
0... 30	bar	0,0001	70	bar	0,2% / 0,1%
0... 70	bar	0,0001	140	bar	0,2% / 0,1%
0... 90	bar	0,0001	140	bar	0,2% / 0,1%
0... 1100	mbar abs	0,01	4000	mbar	0,2% / 0,1%
0... 2000	mbar abs	0,01	7000	mbar	0,2% / 0,1% / 0,05%
0... 7	bar abs	0,001	17	bar	0,2% / 0,1%

Measuring media:

-Versions media compatible:

instrument air, inert gases.

all media which are compatible with stainless steel 18/8 (DIN 1.4305).

Units of measurement:

mbar, bar, Pa, kPa, hPa, MPa, mH₂O, mmHg, psi, inH₂O, inHg

- Temperature calibration: 0...50 °C
- Operating temperature: -5...+50 °C
- Operating humidity: 0 up to 80 % rh non condensing
- Measuring rate (RS232): 20 readings/second
- Current consumption: < 9 mA
- Charging: >15°C up to -5°C
- Supply: internal Lithium-Ion-batterie pack or power supply unit
- Memory interval: manual, 1...60 sec./min., selectable
- Memory capacity: 8000 measure points
- Pneumatic connection: tube $\varnothing$ 4/6 mm, NPT 1/8" female > 17 bar
- Case, type of protection: IP 54
- Case dimension: 170 x 90 x 39/32 mm
- Weight incl. battery: 310.6 grams