

P, T, rH, V – meter

Precision pressure meter and much more...

Main features

- Pressure & diff. pressure measurements with 0.1Pa resolution
- Unique range/resolution combination - measurements up to 100 hPa with resolution of 0.1Pa (!) without range changing
- Pressure indications in hPa, Pa, mbar, mmH₂O, InH₂O or PSI
- Gas flow velocity measurements with Pitot tube
- Temperature measurements with K type thermocouple - optional
- Temperature measurements with thermistor
- Temperature indications in °C or °F
- Relative humidity measurements - Probe optional
- Big graphic LCD
- HOLD - function
- IR communication for external printer HP 82240B
- Non-volatile memory for 128 measurements - "measure now print later"
- Indications of minimum/maximum & averaged values
- Easy upgradeable Flash programme memory
- Fast & easy, menu-driven, "cellular phone" operation

Basic technical data

- | | |
|-------------------------|---------------------|
| ■ Size | 200x93x39mm |
| ■ Weight w/o probe | ca 300g |
| ■ LCD size | 48x25mm |
| ■ Power supply | single 6F22 battery |
| ■ External supply | 8..10VDC |
| ■ Operating temperature | -5..+40°C |



p (hPa)
diff p
T₁
T₂
% rH
m/s

Measured or calculated value	Method	Range	Resolution
p - differential pressure	semiconductor bridge	-100hPa..+100hPa	0.1Pa
T ₁ - temperature	thermocouple	-200..1200°C	1°C
T ₂ - temperature	Pt500	-100..200°C	1°C
rH - relative humidity	capacitive sensor	9..95%	1%
V - gas flow velocity	Pitot tube	1..100m/s	0.1m/s

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