

DPR-5K

Differential pressure micro-manometer

The device measures gauge/differential pressure from -5000 Pa to +5000 Pa. 11 selectable units are available: Pa, hPa, mbar, mmH₂O, mmHg, inH₂O, inHg, psi, oz/in², bar, kPa.



SPECIFICATIONS

- Display: LCD
- Accuracy: 30.3% FSO (at 25°C)
- Repeatability: 30.2% (Max. 30.5% FSO)
- Linearity/Hysteresis: 30.29% FSO
- Range: 35000 Pa / 30.725 psi
- Maximum pressure: 2 psi
- Response time: 0.5 s (typical)
- Battery indicator: Yes
- Overpressure indicator: OL
- Operating conditions: 0 to 50°C
- Storage conditions: -10 to 60°C
- Power supply: 3 x AA batteries

FEATURES

- Device functions include: MAX, MIN, AVG, and HOLD.
- The ZERO function allows manual zero-point adjustment.
- The Auto Power Off (APO) feature can be enabled or disabled.

Unit	Range	Resolution
Pa	5000	1
hPa	50,00	0,01
mbar	50,00	0,01
mmH ₂ O	509,9	0,1
mmHg	37,50	0,01
inH ₂ O	20,07	0,01
inHg	1,476	0,001
psi	0,725	0,001
ozin ²	11,60	0,01
bar	0,050	0,001
kPa	5,000	0,001