

TECHNICAL DATA

Features

- Measures gauge and differential pressure up to 5psi
- 11 selectable units of measure: psi, inH₂O, bar, mbar, kPa, inHg, mmHg, oz/in², ftH₂O, cmH₂O, kg/cm²
- Max, Min, Avg, Relative and Data hold functions
- Integrated real-time clock time-stamps measurements
- Easy-to-read backlit LCD display
- Zero button for offset correction or measurement
- USB interface and software included
- Tripod mount for long-term monitoring
- Low battery indicator and auto shut

Specifications

Pressure

Measuring Ranges:

5.000 psi
138.3 inH₂O
344.7 mbar
34.47 kPa
10.18 inHg
258.5 mmHg
80.00 oz/in²
11.53 ftH₂O
351.5 cmH₂O
0.351 kg/cm²
0.344 bar

Accuracy:

±0.3% FS

Resolution:

0.1 inH₂O /mbar /
mmHg / cmH₂O /
0.01 kPa / oz/in² / ftH₂O
0.001 inHg / kg/cm²/
bar / psi

Repeatability:

±0.2% FS

Linearity/Hysteresis:

±0.29% FS

Max Pressure:

20 psi



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General Specifications

Display:	4-digit, LCD Display
Backlit Display:	Yes
Data Hold:	Yes
Min:	Yes
Max:	Yes
Average:	Yes
Differential Pressure:	Yes
Zero Function:	Yes
Over Range Indicator:	Yes
Under Range Indicator:	Yes
Datalogging Capabilities:	Yes
Real-Time Clock and Date Stamp:	Yes
Response Time:	2 times/sec.
Internal Memory:	Yes
Auto Shut-off:	Yes (after 20 mins)
Tripod Mountable:	Yes
Low Battery Indicator:	Yes
Power Supply:	9V Battery or AC Power Supply
PC Connectivity:	USB Cable (Included)
Software:	Yes (included)
Software OS Compatibility:	Windows XP, 7, 8, 10, 11
Product Certifications:	CE
Operating Temperature:	32 to 122°F (0 to 50°C)
Storage Temperature:	14 to 140°F (-10 to 60°C)
Operating Humidity Range:	10 to 80%
Dimensions:	8.2 x 2.9 x 1.9" (210 x 75 x 50mm)
Weight:	9.8oz (280g)



Model	Description
R3002	Digital Manometer
R1500	Lightweight Tripod
R8888	Hard Carrying Case
R3002-NIST	Digital Manometer & NIST