

Digital ManometerModel **R3002**



TECHNICAL DATA

Features

- Measures gauge and differential pressure up to 5psi
- 11 selectable units of measure: psi, inH₂O, bar, mbar, kPa, inHg, mmHg, ozin², ftH₂O, cmH₂O, kgcm²
- Max, Min, Avg, Relative and Data hold functions
- Integrated real-time clock time-stamps measurements
- Large, 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 off
- Includes 4 connection hoses, USB cable, power adapter, software, battery, and hard carrying case

Specifications

Pressure

Measuring Ranges: 5.000 psi; 138.3 inH₂0;

344.7 mbar; 34.47 kPa; 10.18 inHg; 258.5 mmHg; 0.00 ozin²; 11.53 ftH₂0; 351.5 cmH₂0;0.351 kgcm²;

0.344 bar

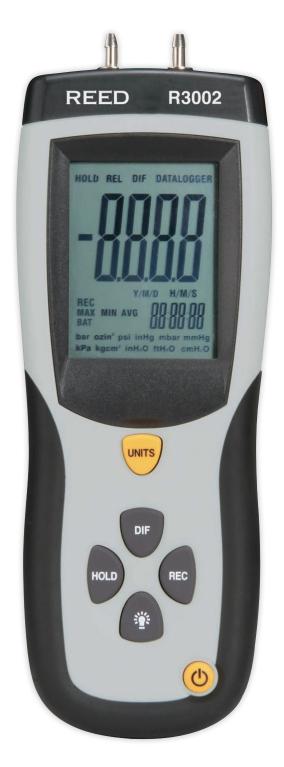
Accuracy: ±0.3% FS

Resolution: $0.1 \text{ inH}_2\text{O} / \text{mbar} / \text{mmHg} / \text{cmH}_2\text{O}$

0.01 kPa / ozin² / ftH₂O

0.001 inHg / kgcm² / 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 Yes Average: Differential Pressure: Yes Zero Function: Yes Yes Over range Indicator: Yes Under range Indicator: Datalogging Capabilities: Yes

Real-Time Clock

PC Connectivity:

and Date Stamp: Yes

Response Time: 2 times/second

Internal Memory: Yes

Auto Shut-off: Yes (after 20 minutes)

Tripod Mountable: Yes Low Battery Indicator: Yes

Power Supply: 9V Battery or AC-Power Supply

USB Cable (Included)

Software: Yes (included)

Software OS Compatibility: Windows XP, 7, 8, 10, 11

Product Certifications: C

Operating Temperature: 32 to 122°F (O to 50°C)
Storage Temperature: 14 to 140°F (-10 to 60°C)

Operating Humidity: 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

