

# Digital Manometer Model R3002



#### TECHNICAL DATA

## Features

- Measures gauge and differential pressure up to 5psi
- 11 selectable units of measure: psi, inH<sub>2</sub>O, bar, mbar, kPa, inHg, mmHg, ozin<sup>2</sup>, ftH<sub>2</sub>O, cmH<sub>2</sub>O, kgcm<sup>2</sup>
- 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 inH<sub>2</sub>0;

344.7 mbar; 34.47 kPa; 10.18 inHg; 258.5 mmHg; 0.00 ozin²; 11.53 ftH<sub>2</sub>0; 351.5 cmH<sub>2</sub>0;0.351 kgcm²;

0.344 bar

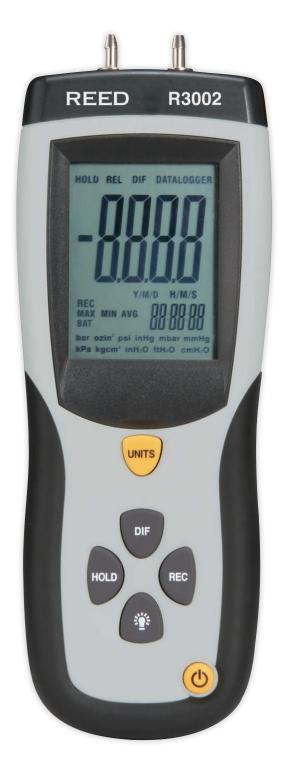
Accuracy: ±0.3% FS

Resolution: 0.1 inH<sub>2</sub>O /mbar / mmHg / cmH<sub>2</sub>O

O.O1 kPa / ozin² / ftH<sub>a</sub>O

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

Yes Backlit Display: 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

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)

PC Connectivity: Software:

Yes (included)

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

**Product Certifications:** 

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