

Digital Manometer Model **R3100**







Features

- Measures gauge and differential pressure up to 100psi
- 11 selectable units of measure: psi, inH2O, bar, mbar, kPa, inHg, mmHg, ozin², ftH₂O, cmH₂O, kgcm²
- Displays pressure and real-time clock simultaneously
- Large, easy-to-read backlit LCD display
- Internal memory saves Max and Min measurements
- Data hold function
- · Low battery indicator and auto shut off
- Includes 2 connection hoses, battery, and hard carrying case

Specifications

Pressure

Measuring Ranges: 100.0 psi; 2768 inH₂0;

6895 mbar; 689.5kPa; 203.6 inHg; 5171 mmHg; 1600 ozin²; 230.7 ftH₂0; 7004 cmH₂0; 7.031 kgcm²;

6.895 bar

Accuracy: ±0.3% FS

Resolution: 0.1 psi; 2 inH20;

4 mbar $/ \text{ cmH}_{9}\text{O}$; 0.4 kPa;

O.2 inHg; 3 mmHg; 1 ozin²; 0.2 ftH₂O; 0.004 kg/cm^2 / bar

Repeatability: ±0.2% FS Linearity/Hysteresis: ±0.29% FS Max Pressure: 150 psi

General Specifications

4-digit, Dual LCD Display Display:

Backlit Display: Yes Data Hold: Yes Min: Yes Max: Yes Differential Pressure: Yes

Response Time: 2 times/sec.

Internal Memory: Yes

Auto Shut-off: Yes (after 20 mins/off)

Low Battery Indicator: Yes

Power Supply: 9V battery

Product Certifications: CE

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

Operating Humidity: 10-80%

Dimensions: 7.2 x 2.8 x 1.2"

(182 x 72 x 30mm)

Weight: 7.8 oz (220g)

| Model | Description |
|------------|-----------------------------------|
| R3100 | Digital Manometer, ±100psi |
| CA-05A | Soft Carrying Case |
| R3100-NIST | Digital Manometer, ±100psi & NIST |