



M1000 Series Digital Calibrator

Digital Calibrator

The New Meriam M1000 is a single function, portable pressure instrument with flexible features to meet many of your everyday pressures measurement needs. The device features an easy and intuitive user interface with convenient pressure connections. The M1000 delivers $\pm [(0.02\% \text{ of FS}) + (0.005\% \text{ of Reading})]$ accuracy with a wide range of pressure sensors that are available for a variety of applications.

- Common features include damping, Min/Max, averaging
- Options: fitting kit, vacuum & pressure hand pumps, carrying case
- Device ships with calibration certificate traceable to NIST

Specifications

Accuracy

- $\pm 0.25\% \text{ FS}$

Media

- Clean, dry, non-corrosive gas

Pressure ranges

- 0 to 15, 30, 100 psi Absolute non-Isolated
- -1 to 1, -5 to 5, -14.5 to 15, 30, 50, 100 psi Differential Non-Isolated
- -1 to 1, -5 to 5, -14.5 to 15, 30, 50, 100 psi Compound Non-Isolated Measure Units

Measurement Units

- 8 units: PSI, inH₂O, mmH₂O, inHg, mmHg, kPa, Bar, mBar

Display Resolution

- 6 digits

Temperature Specifications

- Storage: -20 °C to 70 °C (-4 °F to 158 °F)
- Operating: -4C to 50C

Connections

- 1/8" Female NPT 316SS

Dimensions

- 9.8 in (248.9 mm) x 5.2 in (132.1 mm) x 2.3 in (58.4 mm)

Power

- 4 AA

M1000

Choose M1000 when you need a quick pressure check for clean, dry gas measurement

Features on M1000

- Compact and easy to use
- Zero key and user adjustments for manual calibration
- Compound, Absolute, and Differential pressure sensors
- Protective red boot

Applications

- Leak testing for low pressure gas systems
- Pressure drop monitoring across filters
- Monitoring vacuum on condensers and pumps