



M1000

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

Digital Calibrator

Meriam M1000 is a single function, portable pressure instrument with flexible features to meet many of your everyday pressure measurement needs. The device features an easy and intuitive user interface with convenient pressure connections.

- A wide range of pressure sensors are available for a variety of applications
- Common features include damping to stabilize fluctuating pressure signals
- Accessories: fitting kit, vacuum & pressure hand pumps, carrying case
- Device ships with calibration certificate traceable to NIST

M1000 Series Digital Calibrator

Features on M1000

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

Applications

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

Specifications

Accuracy

- 0.025 % full scale
- 100 psi maximum pressure

Media

- Clean, dry, non-corrosive, gas media

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

Measurement Units

- Offering over 30 measurement units including psi, mmHg, inHO, mbar, and user defined units

Display Resolution

- 6 digits

Temperature Specifications

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

Connections

- 1/8" Female NPT 316SS

Dimensions with boot:

- Length 9.8 in (248.9 mm) from manifold to end of boot. Width 5.2 in (132.1 mm) at widest point with boot. Thickness 2.3 in (58.4 mm).

Power

- 4 AA batteries