**PRECISION DIGITAL PRESSURE MANOMETER**

Up to 0.05% Accuracy, Graphical Display, Data Logging Capability

The Series HM35 Precision Digital Pressure Manometer is designed to reliably measure and log absolute pressure, differential pressure, or gage pressure with up to 0.05% accuracy. The data logging function can store up to 10,742 readings and transmit the readings to a PC through an IR serial report. The large display can graphically display trends in the data as well as peaks and valleys.

**FEATURES/BENEFITS**

- Able to record up to 10,742 readings, which can be downloaded to a PC.
- Up to 0.05% accuracy for use in critical applications.
- Measure absolute, differential, or gage pressure.

**SPECIFICATIONS**

- **Service:** Air and compatible gases.
- **Accuracy:** (Includes linearity, hysteresis, and repeatability) per order code.
- **Temperature Limits:** -5 to 50°C.
- **Humidity:** Maximum 95% RH non-condensing.
- **Display:** Graphical back lit LCD. 128 x 64 points.

**APPLICATIONS**

- Calibration facilities
- Laboratories

**ACCESSORIES**

- NISTCAL-MD: NIST traceable calibration certificate

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**PRECISION HANDHELD DIGITAL MANOMETER**

High Accuracy (0.2%, 0.1% or 0.05%), Differential, Gage or Absolute

The Series HM28 Precision Handheld Digital Manometer is designed to measure a wide range of pressures with up to 0.05% accuracy. The data logging function can store up to 964 readings and transmit the readings to a PC through an IR serial report. The dual line LCD is able to display a resolution to 0.001 of the selected unit and indicate peaks and valleys.

**FEATURES/BENEFITS**

- Measures differential, gage, or absolute pressure.
- Able to record up to 964 readings, which can be downloaded to a PC.
- Up to 0.05% accuracy.

**SPECIFICATIONS**

- **Service:** Air and compatible gases.
- **Accuracy:** (Includes linearity, hysteresis, and repeatability) per order code.
- **Temperature Limits:** -20 to 60°C.
- **Humidity:** 23 to 122°F (-5 to 50°C).

**ACCESSORIES**

- NISTCAL-MD: NIST traceable calibration certificate

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**ACCESSORIES**

- Universal power adapter and cable
- Communication software
- 1/8˝ NPT adapter (1 piece)
- External power converter with 9 V alkaline batteries, installed functional, user replaceable. Can operate from external power supply of 7 to 14 VDC.

**OPTIONS**

- Use order code: Description
  - NISTCAL-MD: NIST traceable calibration certificate

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**OPTIONS**

- Communication software key
- 1/8˝ NPT adapter (1 piece)
- Infrared RS-232 serial adapter, required to download stored data
- Universal power adapter

**ACCESSORIES**

- 1/8˝ NPT adapter (1 piece)
- Communication software
- Infrared RS-232 serial adapter, required to download stored data
- Universal power adapter

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**OPTIONS**

- Communication software key
- 1/8˝ NPT adapter (1 piece)
- Infrared RS-232 serial adapter, required to download stored data
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