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 port. 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: ±0.05% FS ±1 digit (0.2% rating).
Temperature Limits: 32 to 122°F (0 to 50°C).
Humidity: Maximum 95% RH non-condensing.
Display: Graphical back lit LCD, 128 x 64 points.

ACCESSORIES
Model Description
HM28-0 1/8˝ NPT adapter (1 piece)
HM35-1 Communication software key
HM35-2 Infrared RS-232 serial adapter, required to download stored data to a PC
HM35-3 External power converter with U.S. plug adapter, input 100 to 240 VAC, 50/60 Hz

SERIES HM28
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 port. 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: ±0.05% FS ±1 digit (0.2% rating). 10 measurements/s (0.1% and 0.05% ratings), 5 readings/s (0.2% rating).
Temperature Limits: -4 to 140°F (-20 to 60°C).
Humidity: 30 to 95% RH non-condensing.
Display: 2 line, 16 character, dot matrix LCD, with switchable display sizes.
Power Requirements: 9 V alkaline battery, installed functional, user replaceable. Can operate from external power supply of 7-14 VDC.

ACCESSORIES
Model Description
HM28-0 1/8˝ NPT adapter (1 piece)
HM28-1 Communication software and cable
HM28-2 Universal power adapter

OPTIONS
Use order code: Description
NISTIC-MD1 NIST traceable calibration certificate