For NIST traceable calibration certificate, add suffix -NIST to model numbers.

OPTION
Example: 490-1-NIST.

For NIST traceable calibration certificate, use order code NISTCAL-MD.

OPTION
common in many applications. A 9 V alkaline battery is included that provides up to 100 hours of operation.

The Series HM28 Digital Hand-Held Manometer is a precision instrument designed to measure a wide range of pressures to a very high accuracy. The unit incorporates a variety of features in an easy to use format that makes it useful in a wide variety of applications. Features include: measurement in all common pressure ranges, display resolution to 0.001, differential or relative measurement, two line liquid crystal display, and adjustable auto power off to conserve battery.

A memory function allows storage of up to 40 readings for later recall and a backlight provides auxiliary lighting for hard-to-see locations.

Accurate for use in lead lense (compliance with 18/8 stainless steel).

Series 490 Digital Manometers are versatile, hand-held, battery operated manometers available in several basic ranges for positive or positive differential pressure measurement and can tolerate most liquid media compatible with 316LSS.

A memory function allows storage of up to 40 readings for later recall and a backlight provides auxiliary lighting for hard-to-see locations.

Standard are a hold feature and both visual and audible overpressure alarms. A new feature added to the Series 490 is a field adjustable damping. This allows the user to choose the level of display averaging rate corresponding to the fluctuation level common in many applications. A 9 V alkaline battery is included that provides up to 100 hours of operation.

OPTION
For NIST traceable calibration certificate, add suffix -NIST to model numbers.

Example: 490-1-NIST.

For Absolute pressure
HM28A3I10000
0-15.9 psia (0.2% F.S. (110 kPa abs)
Consult factory for 0.10% models.

SPECIFICATIONS
Pressure Connection: Hose; 4/6 mm or 1/8˝ NPT.
Accuracy: (Includes linearity, hysteresis, and repeatability); per order code.
±0.20% full-scale ±1 digit
±0.10% full-scale ±1 digit
±0.05% full-scale ±1 digit.

Measuring Media: Instrument air or inert gases. For HM28G3XXXXX, any material compatible with 18/8 stainless steel.

Temperature Limits: 23 to 122°F (-5 to 50°C).
Storage Temperature: -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.
Current Consumption: < 9 mA.
Memory: 964 measured values. Recording intervals adjustable from manual, 1, 5, 10, 20, 30 seconds, 1, 2, 3, 5, 10, 30, 60 minutes.

Case Protection: IP54 (NEMA 3).
Case Dimensions: 6˝ x 3.27˝ x 1.34˝ (152 x 83 x 34 mm).
Weight: 9.5 oz (270 g).

Maximum Measurement Rates: Stand alone: 2-1/2 readings/s (0.1% and 0.05% ratings).
10 measurements/s (0.1% and 0.05% ratings).
9.5 oz (270 g).

9 V alkaline battery, installed functional, user replaceable.

2 line, 16 character, dot matrix LCD, with switchable display sizes.

Agency Approvals: CE.