

HAND HELD DIGITAL MANOMETERS

DHM28-10 DIGITAL HANDHELD MANOMETER

The **DHM28-10** is a precision instrument designed to measure a wide range of pressures to a very high accuracy. Features include: measurement in all common pressure ranges, display resolution to .001, differential or relative measurement, two line liquid crystal display, and adjustable auto power off to conserve battery. A certificate of calibration is included with the unit at no additional cost. The DHM28-10 can be used as a secondary calibration standard for your other pressure instrumentation.

DHM28-10

Features:

- Microprocessor-Based
- Differential Gage, or Absolute
- High Accuracy, 0.2%, 0.1%, or 0.5% with Calibration Certificate
- Selectable Scales
- Resolution to 0.000 of Selected Unit
- Accuracy, $\pm 0.20\%$ Full Scale ± 1 Digit
- Hold Function
- Programmable Display
- Memory for up to 964 Readings
- Output for Optional Printer or Computer Interface
- Input Range; US 0-10" in H₂O, Metric 0-2.5 kPa, Overpressure 12.5 kPa (50 in H₂O)



DWYER DIGITAL HANDHELD MANOMETER

The D477AV-0 Dwyer handheld manometer provides pressure, flow, and velocity measurements along with a number of other convenient features. The D477AV-0 (0-10 inch H₂O) uses a highly accurate differential pressure sensor to offer $\pm 0.5\%$ full scale accuracy. The accuracy provided is critical to maintenance personnel and technicians who require a highly accurate standard to check their instrumentation or equipment, to ensure proper performance.

D477AV-0

D477AV-0-FC Factory Certification
D477AV-0-NIST NIST Certification

Features:

- Calculates and displays air velocity and volumetric air flow
- Rugged aluminum case protects instrument from damage during transport/use
- 9 selectable English and metric engineering units
- Large, easy to read display with backlight for use in dark areas
- Stores up to 40 readings with minimum, maximum and average statistics



BAROMETERS

ANALOG DIAL BAROMETER

Traceable Precision Dial Barometer's Triple scales provide a sensitive measure of atmospheric pressure from 954 to 1073 millibars (28.1-31.7 inches mercury 715 to 805 millimeters of mercury). Resolution of 0.5 mbar, 0.05 inHg, or 0.5 mmHg with an accuracy of $\pm 0.5\%$. NIST Traceable for accuracy. To assure accuracy an individually serial-numbered Traceable Certificate is provided from our ISO 17025 calibration laboratory accredited by A2LA. Rugged, corrosion-proof nickel-chrome housing. Adjustable pointer may be set to indicate changes. Complete with altitude adjustment screw (use at locations as high as 1000 meters), notched desk stand, and wall mount. Size is 4-1/8" diameter by 1-1/2" deep. Weight is 1 Lb.

BAR-2831



DIGITAL BAROMETER

Traceable Digital Barometer is the perfect unit where there is a need to monitor conditions of environmental air parameters. A four-line LCD continuously and simultaneously shows barometric pressure, temperature, relative humidity, barometric pressure trend and time-of-day. Minimum/Maximum readings for barometric pressure, temperature and relative humidity are stored every hour for the last 24 hours and are available for recall at the touch of a button. HI/LO alarms can be set for barometric pressure, temperature, and relative humidity.

Barometric pressure range from 500 to 1030 millibars (mbar) with a resolution of 1 mbar. Accuracy is ± 4 mbar. Barometric pressure trend shows in bar-chart format the current and past 1-, 3-, 6-, 12-, and 24-hour readings. Switching permits viewing in millibars (mbar), inches of mercury (inHg), or hectopascals (hPa). Altitude compensation is -100 to 2500 meters.

Temperature range is 32 to 131°F and 0 to 55°C. Resolution is 0.1° and accuracy is $\pm 0.4^\circ\text{C}$. Relative humidity range is 5 to 95%. Resolution is 1% RH and accuracy is $\pm 3\%$ RH between 5 to 75%, otherwise $\pm 5\%$ RH.

BAR-6530



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