

Long term reputation in the medical industry.

Assurance we will offer competitive pricing.

Customer service #1 priority.

One Stop. LACO Inc. can do it all!



Model 230-M202 Handheld Digital Barometer & Altimeter

- * Easy to Use
- * Highly Accurate
- * Altitude in feet or meters
- * Displays station or sea level pressure
- * Rugged and sensitive
- * NIST certificate included

Specifications:

Units	Full Scale	Accuracy	Resolution
Pressure			
mm Hg	1000	± .015	0.1
in Hg	39.37	± .01	0.01
mb	1333	± .2	0.1
kPa	133	± .02	0.01
psi	19.33	± .01	0.001
Altitude			
feet	36,000	-	1
meters	10,973	-	1

The Model 230-M202 Handheld Digital Barometer & Altimeter combines accurate pressure sensing with the power of microprocessor-based computations to provide instantaneous pressure and altitude readings. A combination of small size, digital display, versatility, and high accuracy make it ideal for field measurements or as a portable pressure reference.

Keypad controls provide access to the operating functions. Pressure or altitude may be displayed in a variety of units. The LCD display shows the data output and operating mode. Data logging mode stores up to 240 readings for future recall. The unit is powered by four AA alkaline batteries (included) which provide approximately 100 hours of continuous use.

This instrument measures atmospheric pressure very accurately, to within 0.015" Hg. The 316 stainless steel pressure sensor has extremely low sensitivity to shock, vibration, acceleration, and changes in orientation or temperature, yet features high sensitivity to pressure variations. Each unit comes with a certificate of calibration traceable to NIST.

Accuracy: Full Scale=38.674PSIA or 2000mm Hg Abs
 ± 0.015% F.S. from 0 - 1000mm HgA
 ± 0.025% F.S. from 1,000 - 2,000mm HgA

NIST traceability: NIST certificate supplied

Selection of Engineering Units: mm Hg, PSI, in Hg, mbar, bar, kPa, Torr, feet, meters.

Temperature Range: Storage: -40° to 140°F
 Operating: 23° to 122°F

Tare: Nulls applied pressure to allow measurement of vacuum, gauge pressure, or change in pressure or altitude from a reference point

Min/Max capture: Capture speed is equal to the selected damping rate

Damping rates: User selectable from 0.1 to 25 secs

Display: 5 significant digit LCD (0.25" high)
 2 line x 16 alphanumeric characters

Contrast adjustment: Adjust display for best viewing

Enclosure: 14 oz (6.5" x 3.6" x 2.25") ABS plastic case

Process connections: 1.8" female NPT, 316SS

Media compatibility: Isolated AI sensor for fluids compatible with 316SS

Field Recalibration: Supported through firmware feature

Power: 4 AA alkaline battery (included) with user enabled automatic shut off

Approvals: CE compliant

Weight/Shipping (w/carrying case): 1.6 lb/3 lbs