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Assurance we will offer competitive pricing.

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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
<b>Pressure</b>			
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
<b>Altitude</b>			
feet	36,000	-	1
meters	10,973	-	1

The NovaLynx 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