

# HIGH ACCURACY DIGITAL BAROMETER PRECISION ABSOLUTE MANOMETER

## HHP360



Standard

- ✓ NIST Traceable Calibration Certificate Included
- ✓ Very High 0.015% Accuracy
- ✓ Absolute Pressure
- ✓ Barometric Pressure (Corrected to Sea Level)
- ✓ Altitude in Meters or Feet (Corrected to Sea Level)
- ✓ Altitude Can be User Set Based Upon Map or Trig Marker or for Local Conditions
- ✓ 7 Pressure Units
- ✓ Easy to Read Backlight Display

Omega's HHP360 is a very high accuracy, handheld barometer/absolute pressure meter suitable for the most demanding field or laboratory conditions. It can measure absolute pressure, barometric pressure (corrected to sea level) or altitude based upon sea level or corrected for a map or trig marker. Pressure can be displayed in 1 of 7 different engineering units. Altitude can be displayed in either meters or feet. The HHP360 Series also has a leak test mode to determine the rate of leakage in a pneumatic system, and data logging, either automatic (taking readings every 5 seconds for 20 minutes) or manual for up to 240 readings.

HHP360-B.



## SPECIFICATIONS

### Measuring Range (Absolute Pressure):

**HHP360-A:** 0 to 17.403 psia (0 to 900 mmHg, 0 to 35.433 inHg)

**HHP360-B:** 0 to 38.674 psia (0 to 2000 mmHg, 0 to 78.740 inHg)

**Accuracy:** (Includes thermal errors from -5 to 50°C (23 to 122°F)

**HHP360-A:** ±0.02%FS

**HHP360-B:** ±0.015% FS from 0 to 19.337 psia (0 to 1000 mmHgA) ±0.025% FS from 19.338 to 38.674 psia (1000 to 2000 mmHgA)

**Operating Temperature:** -5 to 50°C (23 to 122°F)

**Storage Temperature:** -40 to 60°C (-40 to 140°F)

**Safe Overpressure:** 77 psia (4000 mmHg)

**Display/Resolution:** 5 significant digits LCD (0.25" high) 2 line x 16 alphanumeric characters with adjustable contrast

**Operating Modes:** Local pressure, sea level pressure from user set height, altitude from user set datum

**Backlight:** Green, changes to red for overpressure

**Units of Measure:** mmHg, inHg, PSI, mbar, bar, kPa, Torr, feet, meters

**Process Features:** Tare, Min/Max capture, leak test, damping rates, auto shutoff

**Process Media:** Fluids and gases compatible with 316 SS

**Pressure Fitting:** 1/8 NPT female, 316 SS

**Power:** 4 "AA" batteries (included)

**Battery Life:** >100 hr continuous use

**Case:** Polycarbonate, sealed keypad

**Dimensions:** 165 H x 91 W x 57 mm D (6.5 x 3.6 x 2.25")

**Weight:** 400 g (14 oz)

## To Order

MODEL NO.	DESCRIPTION
<b>HHP360-A</b>	Precision absolute manometer, 0 to 900 mmHg (0 to 17 psia)
<b>HHP360-B</b>	Precision absolute manometer, 0 to 2000 mmHg (0 to 38 psia)

*Comes complete with operator's manual, NIST traceable calibration certificate, 4 "AA" batteries, and protective rubber boot.*

**Ordering Example:** HHP360-B, precision handheld manometer, 0 to 2000 mmHg range.