

Barometers

Monitor barometric pressure in a variety of attractive ways



A Three-scale dial barometer measures atmospheric pressure in millibar (mbar), inches Hg, and mm Hg. The barometer is housed in a corrosion-proof nickel-chrome case. Set the adjustable pointer to measure changes in pressure. Barometers are calibrated to NIST-traceable standards and include certificate. Includes altitude adjustment screw, notched deskstand, and wall mount. Measures 1 5/16"D x 4" dia.

B OAKTON® Barometer with digital thermometer measures atmospheric pressure and temperature. Barometer is encased in corrosion-resistant, ABS plastic housing. Includes wall mounting ring and instructions. Operates on one AA battery (included). Measures 1 5/16"D x 5 5/16" dia.

C Cole-Parmer Digital barometers simultaneously display temperature; relative humidity; graphic weather prediction (sunny, cloudy, or rainy); atmospheric pressure; and pressure trends over the last 1, 3, 6, 12, and 24 hours. Units automatically compile pressure readings every hour; built-in memory lets you recall last 24 readings. Desktop model 99760-00 also displays time and date. Model 99760-20 features RS-232 output—order optional software and RS-232 cable below.

Barometers are housed in ABS plastic, operate on four AAA batteries (included), and include a wall mount.

Desktop model 99760-00 measures 5 5/16"W x 7 7/16"H x 1"D; wall mount model 99760-20 measures 3"W x 3 7/8"H x 1"D.

D OAKTON® Temperature compensated barometers measure atmospheric pressure in millibar (mbar) and inches Hg or millibar and mm Hg. Barometers also monitor temperature and provide temperature compensation with a built-in, bi-metal thermometer. Ideal for monitoring impending weather changes. Barometers are encased in brass, with bezel for bulkhead mounting. Measure 2"D x 6 1/8" dia.

Specifications & Ordering Information

Catalog number	Parameter	Range	Resolution	Accuracy	Price
A Three-scale dial barometer					
K-99760-50	Atmospheric pressure	954 to 1073 mbar, 28.1 to 31.7" Hg, 715 to 805 mm Hg	0.5 mbar, 0.05" Hg, 0.5 mm Hg	±0.5% of reading	
B Oakton® barometer with digital thermometer					
K-03316-80	Atmospheric pressure, temperature	945 to 1045 mbar, 27.9 to 30.9" Hg; -4 to 140°F (-23 to 60°C)	0.5 mbar, 0.1" Hg; 0.1°F (0.1°C)	±1 mbar (±0.03" Hg)* ±1.8°F (±1.0°C)	
C Cole-Parmer digital barometers					
K-99760-00	Desktop	Atmospheric pressure, temperature, humidity	795 to 1050 mbar, 23.48 to 31.01" Hg; 32 to 131°F (0 to 55°C); 25 to 95% RH	1 mbar, 0.03" Hg; 0.9°F (0.5°C); 1% RH	±5 mbar, ±0.15" Hg; ±1°F (±1°C); ±5% RH
K-99760-20	Wall mount				
D Oakton® temperature compensated barometers					
K-03316-70	Atmospheric pressure, temperature	930 to 1070 mbar, 27.5 to 31.6" Hg; -14 to 122°F (-10 to 50°C)	1 mbar, 0.1" Hg; 1.0°F (1.0°C)	±1 mbar, ±0.03" Hg; ±1.8°F (±1°C)	
K-03316-72		930 to 1070 mbar, 698 to 802 mm Hg; -10 to 50°C	1 mbar, 1 mm Hg; 1.0°C	±1 mbar, ±1 mm Hg; ±1°C	

*The accuracy for model 03316-80 is ±1 mbar (±0.03" Hg) between 970 to 1030 mbar; ±2 mbar (0.06" Hg) between 945 to 969 mbar and 1031 to 1045 mbar.

Accessories

K-09376-00 Replacement batteries for barometers 99760-00 and -20, 1.5 V AAA. Pack of 12

K-09376-01 Replacement batteries for barometer 03316-80, 1.5 V AA. Pack of 4

K-99760-22 Software and RS-232 cable for barometer 99760-20

INNOCAL®
INNOVATIVE CALIBRATION SOLUTIONS



Calibration to a NIST-Traceable standard helps meet ISO, FDA, USDA, and EPA guidelines. Our A2LA-accredited metrology laboratory will pretest and calibrate your barometer. Service includes NIST-Traceable calibration certificate with before and after test data at three points across the range (950 to 1030 mBar) and one temperature point (mid-range in degrees Celsius).

EG-17040-30 NIST-Traceable barometer certificate

