

Barometers

Don't let pressure get to you—monitor it easily

A. Cole-Parmer® 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. Includes NIST-traceable calibration report as supplied by the manufacturer.

B. Oakton® Barometer with Digital Thermometer measures atmospheric pressure and temperature. Barometer is encased in corrosion-resistant ABS plastic housing. Operates on one AA battery (included).

C. Digital Barometer and Weather Forecaster simultaneously displays temperature, relative humidity, graphic weather prediction, atmospheric pressure, and pressure trends over the last 12 hours. Unit also predicts the weather condition of the next 12 to 24 hours. A remote sensor measures outdoor temperature. Operates on two AA batteries. Remote unit operates on two AAA batteries.

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.



Parameter	Range	Resolution	Accuracy	Catalog number	Price
A. Cole-Parmer three-scale dial barometer					
Atmospheric pressure	954 to 1073 mbar, 28.1 to 31.7" Hg, 715 to 805 mm Hg	0.5 mbar, 0.05" Hg, 1 mm Hg	±0.5% of reading	GH-99760-50	
B. Oakton barometer with digital thermometer					
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)	GH-03316-80	
C. Digital barometer and weather forecaster					
Atmospheric pressure	795 to 1050 mbar, 23.48 to 31.01" Hg	0.3 mbar, 0.03" Hg	±1.5 mbar, ±0.15" Hg	GH-90080-08	
Temperature (indoor)	32 to 104°F (0 to 40°C)	0.1°F/°C	±1.8°F (±1°C)		
	104 to 122°F (40 to 50°C)		±2.7°F (±1.5°C)		
Temperature (outdoor)	-4 to 104°F (-20 to 40°C)	0.1°F/°C	±1.8°F (±1°C)		
	104 to 140°F (40 to 60°C)		±2.7°F (±1.5°C)		
Humidity	20 to 99% RH	1% RH	±5% RH		
D. Oakton temperature compensated barometers					
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)	GH-03316-70	
	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	GH-03316-72	

^{*}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.

Pocket Weather Monitor Meter

Get readings the way you want

- Measure, recall, and graph major environmental conditions
- Monitor barometric pressure, altitude, density altitude, temperature, humidity, wind speed, windchill, dew point, wet bulb, and heat index with date/time stamp
- Recalls and graphs up to 250 measurements.

What's included: protective pouch, neck and wrist lanyards, and two AAA batteries.



Description	Pocket weather monitor	
Catalog number	GH-99756-17	
Parameter	Range	Accuracy
Barometric pressure	870 to 1080 mbar (25.7 to 31.9" Hg)	±3 mbar, ±0.1" Hg
Temperature/windchill	-20 to 158°F (-29 to 70°C)	±1°F (±1°C)
Wind speed	0.7 to 89 mph (1.12 to 143.23 km/h)	±3%
Humidity	5 to 95%	±3%
Altitude	-1640 to 29,527 ft (-500 to 9000 m)	—
Price		

Cole-Parmer® Clear Rain Gauges

No more guessing about rainfall

Measure accumulated precipitation with these clear buterate cylindrical rain gauges. Area ratio between knife-edge funnel and inner receiver is 10 to 1; inner receiver has molded-on graduations for easy reading.

What's included: buterate mounting bracket, screws, data recording sheet for logging rainfall data up to one year.

Cole-Parmer®



Units	Range	Accuracy	Catalog number	Price
English	0.01 to 11.0"	±0.01"	GH-03319-00	
Metric	0 to 25.2 cm	±0.2 mm	GH-03319-10	