Model PB-1
Pocket Barometer

The Model PB-1 is a temperature-compensated pocket barometer used to determine both altitude and barometric pressure changes. The aneroid capsule movements caused by changes in atmospheric air pressure are transmitted to the pointer by a mechanism which is very sturdy and robust in spite of its precision.

The mechanism's high step-up ratio makes possible an indicating system that is simple and unique among barometers; the pointer makes a complete revolution for each 80 mmHg, assuring excellent resolution over the entire range, and the color-coded counter wheel indicates which part of the scale should be read. The scale is graduated in one mmHg divisions and may be rotated to compensate for altitude changes. The PB-1 comes with a leather carrying case and wall mount.

Specifications

Range	553 to 790 mmHg over three scales
Accuracy	±1 mmHg
Altitude	Usable up to 2400 m (7740 ft) Temp. compensation: -20°C to +40°C (-4°F +105°F)
Dimensions	64 x 68 x 20 mm (2.5 x 2.7 x 0.8 in)
Weight	90 g (3.2 oz)

Model AB-1310
Precision Barometer

The Model AB-1310 is a precision aneroid barometer that features a 5-inch open face, stainless steel case, temperature-compensated movement, and a 360° dial with dual-scale ranging from 920 to 1080 mb and 700 to 819 mmHg. Linearity is ±1.3 mb between 980 and 1030 hPa. Screw adjustment compensates for altitude and ensures reading accuracy.

Specifications

Range	920 to 1080 mb and 700 to 819 mmHg
Resolution	1 mb / 0.75 mmHg
Accuracy	±1.3 mb
Altitude	Usable up to 300 meters (1,000 feet) for absolute pressure reading, up to 1000 meters (3280 feet) with compensation
Dimensions	133 x 133 x 37 mm (5.2 x 5.27 x 1.5 in)
Weight	451 g (15.9 oz.)

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