

An aneroid barometer is used for the measurement of the absolute atmospheric pressure. The movement with self-stable set of five aneroid capsules is made of a copper-beryllium alloy. These aneroid capsules are very flexible and almost free from aging, hysteresis and elastic after-effects.

The influence of the temperature is compensated by a bimetal over the entire measuring range and in a temperature range of -30 to +40°C.

The motion of the aneroid capsule is transmitted to the axle of the pointer by driving a segment and wheel with an excellent fine finish of the gearing. All bearings have an excellent fine finish. The Instruments have only got a minimum of idle friction because of the advantageous shape of the levers and bearings.

	103PM – Precision Barometer (polished brass case)	
	Measuring ranges :	890...1050 hPa / 670...720 mmHg (f. altitudes 0 - 800 m) 760...960 hPa / 570...720 mmHg (f. altitudes 800 - 2000 m)
	Accuracy :	± 0,7 hPa / ± 0,5 mmHg
	Graduations :	0,5 hPa / 0,5 mmHg
	Diameters :	Scale 130 mm – Housing 133 mm – Flange 165 mm
	Weight :	500 g

	103CR – Precision Barometer (chromed brass case)	
	Measuring ranges :	890...1050 hPa / 670...720 mmHg (f. altitudes 0 - 800 m) 760...960 hPa / 570...720 mmHg (f. altitudes 800 - 2000 m)
	Accuracy :	± 0,7 hPa / ± 0,5 mmHg
	Graduations :	0,5 hPa / 0,5 mmHg
	Diameters :	Scale 130 mm – Housing 133 mm – Flange 165 mm
	Weight :	500 g

	104 – Precision Barometer (with wooden transport box)	
	Measuring ranges :	890...1050 hPa / 670...720 mmHg (0 - 800 m) 760...960 hPa / 570...720 mmHg (800 - 2000 m)
	Accuracy :	± 0,7 hPa / ± 0,5 mmHg
	Graduations :	0,5 hPa / 0,5 mmHg
	Sizes :	Ø : s. Mod. 103 / Wooden box: 180 x 180 x 105 mm
	Weight :	1,4 kg

	15.01 – Simple Barometer (chromed steel housing)	
	Measuring ranges :	960...1060 hPa / 720...800 mmHg
	Accuracy :	± 3 hPa / ± 2 mmHg
	Graduations :	1 hPa / 1 mmHg
	Sizes :	Scale: 100 mm – Housing : 103 mm
	Weight :	250 g