

ANEROID BAROMETER

- PRECISION MOVEMENT
- CORROSION RESISTANT
- WITHSTANDS MARINE ENVIRONMENTS
- MIRROR SCALE
- GRADUATED IN INCHES OF MERCURY AND MILLIBARS
- NWS AND U.S. NAVY APPROVED

The Model 6079 Barometer is housed in a black-enameled aluminum case and may be either wall or panel mounted. The case is air-tight, with a $\frac{1}{8}$ -27 NPT vent, which serves to admit atmospheric pressure to the movement of the barometer during shipment.

Both the sector and the pointer pinion are mounted using jeweled bearings. Two scale options are available; the first with units of millibars and inches of mercury, the second with units of millibars and millimeters of mercury. Both scales are equipped with a mirror ring to eliminate parallax errors in observed readings.

The aneroid barometers are manufactured to meet the requirements of Military Specification MIL-B-17089 and NWS Specification G101SP004. These sensors are in wide use by both the U.S. Navy and the National Weather Service.



Model 6079

THE STANDARD
OF MEASUREMENT

BELFORT INSTRUMENT

SPECIFICATIONS

Range	26.9 to 31.3" of mercury 910 to 1060 millibars 682 to 795mm of mercury
Accuracy *	
910- 927 mb.	± 1.00 mb.
928- 961 mb.	± 0.80 mb.
962-1030 mb.	± 0.65 mb.
1031-1047 mb.	± 0.80 mb.
1047-1060 mb.	± 1.00 mb.
Temperature	
Change Error	± 0.015 mb/°F (+ 30° to + 120°F) ± 0.027 mb/°C (- 1° to + 49°C)
Sensing Element	NISPAN-C Diaphragm Cell
Minimum	
Readable Values	0.01" of mercury, 0.25 mb
Dial Graduations	0.02" of mercury, 0.5 mb
Dial Size	5 ¹³ / ₃₂ " (14.0 cm)
Scale Length	13 ¹ / ₂ " (34.3 cm) (342° arc)
Case	Black, Enameled Aluminum
Weight	4.6 lbs. (2 kg)
Shipping Weight	8 lbs. (3.6 kg)

* Accuracy @ 70°F, ± 5° (21.1°C, ± 2.8°)

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ORDERING INFORMATION

Model	Description	Part No.
6079-1	Naval Weather Service NSN 6685-00-600-3777 910 to 1060 millibars 26.9 to 31.3" of mercury	15832
6079-1	National Weather Service Spec. G101-SP004 NSN 6660-00-462-7280 914 to 1060 millibars 27.0 to 31.3" of mercury	16775-1
6079-3 **	Aneroid Barometer 910 to 1060 millibars 682 to 795 millimeters	16775-3
6079-4	Aneroid Barometer 910 to 1060 millibars 26.9 to 31.3" of mercury	16775-4

** Special order only



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