

Directional Doppler Model 806-CB

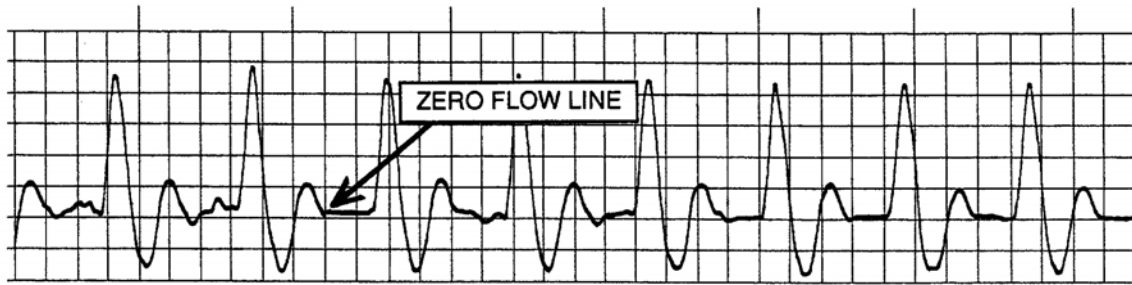


We designed the Model 806-CB for use wherever the need exists for a quality, single frequency, directional Doppler. The Model 806-CB has large, easily read meters to show flow direction. If you maintain the same probe angle, the flow meters will indicate relative flow velocity.

The pencil probe (shown) can be gas sterilized or immersed in most liquid sterilizing solutions.

Parks manufactures two pencil probes: the standard probe is 3/8" diameter and the "skinny" pencil probe is 1/4" diameter.

The Model 806-CB comes with a rechargeable, long-life battery that you cannot overcharge. There is an output for a recorder and it has a built-in speaker. In addition, there is a stereo headphone outlet that cuts out the loudspeaker when you use the headphones.



You cannot buy a more sensitive directional Doppler. We recorded the tracing displayed above from a posterior tibial artery at roughly mid-calf to show the ability of the Model 806-CB to detect even relatively deep vessels.

MODEL 806-CB SPECIFICATONS

DOPPLER:	Nominal 8 MHz, Directional
OUTOUT SOUND:	Earphones (stereo) Loudspeaker
VELOCITY METERS:	Analog
OUTPUT FOR RECORDING:	Compatible with recorders having an IRIG input
DIMENSIONS:	Height 8.5" (22 cm) Width 11" (14.5 cm) Depth 5.75" (14.5 cm)
WEIGHT:	6 lbs. 13.5 oz. (3.1 kg)

BATTERY: Installed in your Parks Model 806-CB is a 12 volt dc sealed lead-acid rechargeable battery. At moderately low volume and with a new battery, you can expect about 15 hours of continuous operation. The battery meter shows the level of charge remaining in the battery. Battery life is about 2 years. We designed the instrument to have the charger plugged into it when you finish for the day. You cannot overcharge the battery.

WARRANTY:

We warranty the electronics in the instrument for one year. Abuse or unauthorized intervention in the circuitry voids the warranty. Probes have a 6 month warranty if not abused. All warranty service is performed at the factory and all items must be returned to the factory prepaid.

30-DAY TRIAL AND ORDERING INFORMATION:

This instrument is available to doctors and hospitals on a 30-day trial basis. At the end of that period the instrument should be purchased or returned. Trials are limited to U.S.A. due to customs expense. For further information or to place your order call us TOLL-FREE 1-800-547-6427. Our local number is 503-649-7007. Our office hours are 7:00 AM to 3:30 PM Pacific Time.

Manufactured in the U.S.A. by:

PARKS MEDICAL ELECTRONICS, INC.
19460 S.W. Shaw, Aloha, OR 97007
1-800-547-6427 or 503-649-7007

CONTROLS

METER MULTIPLIER: A sensitivity control for the meters, since flow velocity varies widely.

OUTPUT FILTER: A smoothing filter that affects recording only. The MEAN FLOW position eliminates virtually all pulsation and you use this setting in conjunction with the ZERO FLOW switch. The height of the recorded line above the zero flow line represents mean velocity or flow if the vessel diameter is constant. It is relative not quantitative. For flow rates found in humans the frequency response has been adequate. You can select bandpasses of D.C. to 0.5, 7, 14 and 28 Hz.

OUTPUT SELECTOR: This control is for the recorder and allows recording of flow toward the probe only (A), flow away from the probe only (B) or composites of (A-B) or (B-A) for limbs and the carotid respectively. Separation accuracy depends on probe angle, presence of other vessels within the beam, etc. Usually the separation is quite adequate.

OUTPUT LEVEL: Controls the size of the recorded wave (height).

Fax - 503-591-9753

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