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Sonoline C2 Pocket Fetal Doppler

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Sonoline C2 Pocket Fetal Doppler

Pocket Fetal Doppler is a hand-held obstetrical unit, which can be used in hospital, clinic and home for daily self-check by pregnant woman. The device uses color LCD of high resolution to display the fetal heartbeat waveform, integrated the function of time display and menu control, calculating the FHR, FHR data, heartbeat waveform and heartbeat sound memory, wave review, and it can communicate with PC, transfer the data to PC software to display and print the heart rate trend graph, which can help the doctor diagnose and manage the case in time. It contains components of ultrasonic signal transmitter and receiver, analog signals processing unit, FHR calculating unit, LCD display control unit, efficient signal memory and read etc. It has 3 work modes: real-time FHR display mode, averaged FHR display mode, and manual mode. It also has audio output, and can be connected with earphone or recorder with audio input.

* Main Features

- ♦ Beautiful shape, portable, easy operation
- ♦ Real-time clock display
- ♦ Three test modes: real-time, average, manual
- ♦ Chinese and English display and adjust
- ♦ The probe has bending structure which is easy to operate and can increase the ease of the pregnant women, incarnating the humane design
- ♦ The probe can be changeable
- ♦ Probe inspection
- ♦ FHR values, bar graph and heartbeat waveform color screen display
- ♦ Alarming in red when the FHR range is out of the normal range
- ♦ Memory and review
- ♦ Observe the heart rate trend graph by PC software, manage the memory cases
- ♦ Battery status indicator
- ♦ Built-in speaker
- ♦ Output for headphone
- ♦ Auto power-off when there is no operation in one minute
- ♦ Two pieces of standard 1.5V alkaline battery available which can work no less than 8 hours

* Main performance

Anti-electroshock Type:	Internally powered equipment
Anti-electroshock Degree:	Type CF applied part
Display:	1.77"262K TFT display
FHR Measuring Range:	50 BPM ~ 240 BPM (BPM: beat per minute)
Resolution:	1 BPM
Accuracy:	± 2 BPM
Power Consumption:	< 1 W
Voltage:	DC 3.0 V
Power Supply:	Two pieces of 1.5 V DC battery
Suitable Using Range:	Suitable for use after the 12th week of pregnancy
Probe:	
Nominal Frequency:	2.0 MHz
Working Frequency:	2.0 MHz ± 10%
Ultrasound Output Power:	P < 20 mW
Negative Peak Sound Pressure :	$p_- < 1 \text{ MPa}$
Working Mode:	Continuous wave doppler
Effective Radiating Area of Transducer:	< 157mm ²

* Physical Characteristic

Dimension: (L) 135 mm × (W) 92 mm × (H) 29 mm
Weight: About 245g (including batteries)