

CONTEC™



Sonoline C1 Pocket Fetal Doppler

Contec Medical Systems Co.,Ltd.

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ADD: No.112 Qinhuang West Street, Economic & Technical Development Zone,
Qinhuangdao, Hebei Province, PEOPLE'S REPUBLIC OF CHINA
Tel : 0086-335-8015430
Fax : 0086-335-8015588
E-mail : cms@contecmed.com.cn contec88@gmail.com
Website : <http://www.contecmed.com>



Sonoline C1 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. It contains components of ultrasonic signal transmitter and receiver, analog signals processing unit, FHR calculating unit, LCD display control unit 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
- ◆ The probe has bending structure which is easy to operate and can increase the ease of the pregnant women, embodies the humane care design
- ◆ Battery status indicator
- ◆ The probe can be changeable
- ◆ Probe inspection
- ◆ Built-in speaker
- ◆ Output for headphones
- ◆ Backlight
- ◆ Auto shut off
- ◆ Two pieces of standard 1.5V alkaline battery available which can work no less than 8 hours

* Physical Characteristic

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

* Main performance

Anti-electroshock Type	Internally powered equipment
Anti-electroshock Degree	Type CF applied part
LCD Display	38 mm × 28 mm
FHR Measuring Range	50BPM ~ 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
Auto Shut-OFF	After 1 minute no signal, power off automatically
Probe:	
Nominal Frequency	2.0 MHz
Working Frequency	2.0MHz ± 10%
Ultrasound Output Power	P < 20 mW
Negative Peak Sound Pressure	P ₋ < 1 MPa
Working Mode	Continuous wave doppler
Effective Radiating Area of Transducer	< 157mm ²