

**CONTEC™**



# **Baby Sound C**

## **Pocket Fetal Doppler**

**Contec Medical Systems Co.,Ltd.**

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# Baby Sound C Pocket Fetal Doppler

## Introduction

Pocket Fetal Doppler is a hand-held obstetrical unit, which can be used in hospital and clinic 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.

## 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)

## 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:  $\pm 2$  BPM
- ◆ Power consumption:  $< 1$  W
- ◆ Voltage: DC3 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
- ◆ Nominal Frequency: 2.0 MHz / 3.0 MHz
- ◆ Working Frequency: 2.0MHz  $\pm$  10% / 3.0MHz  $\pm$  10%
- ◆ Ultrasound Output Power:  $P < 20$  mW
- ◆ Negative Peak Sound Pressure:  $P_- < 1$  MPa
- ◆ Working Mode: Continuous wave doppler
- ◆ Effective Radiating Area of Transducer:  $< 157$ mm<sup>2</sup>