CONTEC™

Baby Sound C

Pocket Fetal Doppler

Contec Medical Systems Co.,Ltd.

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: ± 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
Probe
◆ Nominal Frequency：2.0 MHz /3.0 MHz
◆ Working Frequency：2.0MHz ± 10% /3.0MHz ± 10%
◆ Ultrasound Output Power：P < 20 mW
◆ Negative Peak Sound Pressure：P_< 1 MPa
◆ Working Mode：Continuous wave doppler
◆ Effective Radiating Area of Transducer：< 157mm²