

CONTEC™

「CARE HEALTH CARE LIFE」

THE LOVE FOR MOTHERS



CONTEC10A POCKET FETAL DOPPLER

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CONTEC10A

POCKET FETAL DOPPLER



Fetal heart sound



Color display screen



Magnetic probe



Low-power



Digits/Curve display



Auto shutdown



CONTEC10A Pocket Fetal Doppler adopts Doppler technology in designing, it is a hand-held fetal heart rate detection device. Measured FHR value and waveform are displayed on the LCD screen. With easy and convenient operation, it can be used in hospital, clinic for daily self-check by pregnant woman, realizing early monitoring and care for life.

Function

- ◆ Beautiful appearance, easy to operate
- ◆ Magnetic probe, compact design, convenient to use
- ◆ Color display screen
- ◆ Digits/Curve display
- ◆ Battery level indication
- ◆ Auto shutdown after no signal inputting for 60s
- ◆ High sensitive Doppler probe, fetal heart sound can be heard clearly for pregnancy more than 12 weeks
- ◆ Two sound output modes: built-in speaker and external head-phone

Physical characteristic

- ◆ Dimension: 157mm(L) × 99 mm(W) × 27 mm(H)
- ◆ Weight: about 207 g(with batteries)

Performance

- ◆ Safety classification: internally powered equipment, type CF applied part
- ◆ Display: 1.77 " LCD screen
- ◆ FHR measurement and display range: 50 BPM ~ 240 BPM (BPM: beats per minute)
- ◆ Resolution: 1 BPM
- ◆ Accuracy: ± 2 BPM
- ◆ Rated working voltage: DC3 V
- ◆ Battery type: two 1.5V batteries (AA LR6)
- Probe**
 - ◆ Nominal Frequency: 3.0 MHz
 - ◆ Working Frequency: 3.0 MHz $\pm 10\%$
 - ◆ Negative Peak Sound Pressure: $p_- < 1$ MPa
 - ◆ Output Beam Intensity: $I_{ob} < 20$ mW/cm²
 - ◆ Spatial-peak Temporal-average Derived Intensity: $I_{spta} < 100$ mW/cm²
 - ◆ Ultrasonic Output Power: $P < 20$ mW
 - ◆ Working Mode: Continuous wave Doppler
 - ◆ Effective Radiating Area of Transducer: ≤ 208 mm²