

CONTEC



POCKET FETAL DOPPLER

CONTEC10A
(LED display)

Contec Medical Systems Co.,Ltd.

ADD:No.112 Qinhuang West Street, Economic & Technical Development Zone,
Qinhuangdao, Hebei Province, PEOPLE'S REPUBLIC OF CHINA

POCKET FETAL DOPPLER

CONTEC10A (LED display)



Fetal heart sound



Low-power



Magnetic probe



Auto shutdown



CONTEC10A Pocket Fetal Doppler adopts Doppler technology in designing, it is a hand-held fetal heart rate detection device. LED screen display heart rate value, heart beat indication, volume and other information. With easy and convenient operation, it can be used in hospital, clinic and home for daily self-check by pregnant woman, realizing early monitoring and care for life.

Functions

- Digital LED display
- Magnetic probe, compact design, convenient to use
- Fetal heart value display
- Fetal heart beat indication
- 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 headphone

Accessories

- User Manual 1pc

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: LED 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