

## FETAL MONITOR CMS-800G



Fetal Monitor can real-time acquire FHR, TOCO and FMOV, which can provide reference data for clinical use. It can be used individually or connected with central monitoring system in obstetrical department to form a network monitoring system.

### Salient Features

- Compact design, it can be placed horizontally or hung on the wall.
- Color LCD, 60° convertible screen
- Display monitoring curve and data clearly
- Area mark for normal FHR(120 BPM~160 BPM).
- Manual record for fetal movement.
- Sound and color remind users of high and low fetal heart rate
- Real-time monitoring for continuous 24 hours.
- Storage, playback and print the monitoring curve for continuous 12 hours.
- Optional interface languages: Chinese and English.
- With waveform lock function
- Optional twins monitoring.
- 9-crystal and broad beam transducer.
- Extra long-life and high-resolution built-in thermal printer.
- Communicate with central monitoring system by the built-in RJ45.
- Built-in rechargeable batteries, insure that could still working normally for two hours after the power supply breaking off.

### Specifications

- **Make / Model** : CONTEC, CMS800G
- **Safety** : Type of protection against electric shock - Class , Degree of protection against electric shock - Type B applied part.
- **Power Supply** : AC 100 V~240 V, 50 Hz/60 Hz, P < 60 VA
- **Fuse**: T1.6AL250V
- **Print** : Record paper : Z-fold paper, Print width: 112 mm, Valid print width: 104 mm, Paper speed: 1 cm/min, 2 cm/min, 3 cm/min(optional).
- **Network interface** : RJ 45.
- **Ultrasound probe** : Nominal Frequency: 1.0 MHz, Work Frequency: 1.0 Mhz±10%, Negative peak sound pressure :  $p_{-} < 1$  Mpa, Output beam intensity :  $lob < 20$  mW/cm<sup>2</sup>, The peak time space peak intensity :  $Ispta < 100$  mW/cm<sup>2</sup>, The average time space peak intensity :  $Isata < 10$  mW/cm<sup>2</sup>.
- **FHR** : Range: 50 BPM~240 BPM, Resolution: 1 BPM, Accuracy: ±2 BPM.
- **TOCO** : Range: 0~100%, Resolution: 1%, Nonlinear error: ≤±10%
- **RZ way** : Manual.
- **Fetal Marking** : Manual button.
- **Dimension** : 320 mm (L) × 260 mm (W) × 80 mm (H).
- **Weight** : about 3 Kg.

NOTE : DUE TO OUR CONTINUOUS R & D PROGRAM SPECIFICATIONS AND DESIGN MAY CHANGE WITHOUT PRIOR NOTICE.

## FETAL DOPPLER FD-100



A fetal Doppler is a test that uses sound waves to check your baby's heartbeat. It's a type of ultrasound that uses a handheld device to detect changes in movement that are translated as sound.

### Salient Features

- Advanced auto-correlation algorithm for high FHR accuracy.
- High sensitivity wide beam probe for optimum performance from early gestation right through to delivery.
- High resolution TFFT provide "BIG" numbers FHR display mode and FHR trace mode.
- Elegant and compact design for easy use.
- Digital noise reduction for crystal clear fetal heart sounds.
- Low ultrasound output dosage for ultimate safety.
- Advanced power management for long battery life.
- Integrated MicroUSB port for convenient charging for internal Li-ion battery.
- **Safe** : Ultrasound dosage is under 50% of the national standard.
- Convenience : Small size, convenient for multi bed monitoring and outside diagnosing
- **Sensitivity** : Monitors 12 weeks and above unborn fetal heart beat.
- **Economic** : Adopt with professional recharger battery, for effective cost-saving and also can use 9.6V disposable batteries.

### Specifications

- **Make / Model** : C CUBE, FD-100.
- **Working Mode** : Real-Time Mode
- **Display** : FHR display LCD screen (45mm×25mm).
- **FHR Measuring Range** : 50-240 bpm
- **FHR Accuracy** : ±1bpm
- **FHR resolution** : 1bpm
- **Power supply**: DC Ni-Mh rechargeable battery AC 220/110V, 50/60Hz
- **Power consumption** : <1W
- **Probe Frequency** : 2 MHz
- **Ultrasound frequency** : 2.5Mhz Continuous wave
- **Ultrasound Intensity** : <10mW/cm<sup>2</sup>
- **Fetal heart rate accuracy** : ±1% or ±1bpm
- **Ultrasound output power** : 10mW/cmDC
- **Transport / Storage humidity** : 10~93%, non-condensing
- **Transport / Storage temperature** : -20 ~ 55°C
- **Transport / Storage pressure** : 50.0kPa ~ 110.0kPa
- **Dimension** : 135mm(H) x 95mm(W) x 35mm(D).
- **Weight** : 500grams

