

# CMS800G1



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.

## Features

1. Compact design, it can be placed horizontally or hung on the wall.
2. 8.0" color LCD, 60° convertible screen
3. Display monitoring curve and data clearly
4. Area mark for normal FHR(120 BPM~160 BPM).
5. Manual record for fetal movement.
6. Sound and color remind users of high and low fetal heart rate
7. Real-time monitoring for continuous 24 hours.
8. Storage, playback and print the monitoring curve for continuous 12 hours.
9. Optional interface languages: Chinese and English.
10. Optional twins monitoring.
11. 9-crystal and broad beam transducer.
12. Extra long-life and high-resolution built-in thermal printer.
13. Communicate with central monitoring system by the built-in RJ45.
14. Built-in rechargeable lithium battery ensures that the device can work for 2 hours after unexpected interruption of power supply.

## Optional configuration

- ◆ MPM1821 Fetal monitor ultrasonic channel II probe five core of raymer head

## Accessories

- ◆ A three-in-one Transducers(Ultrasound Transducer I , TOCO Transducer, Remote Marker)
- ◆ A User Manual
- ◆ Two abdomen belts
- ◆ An earth line
- ◆ Record paper(two sets)
- ◆ A power cord
- ◆ Two Fuses

## Physical characteristic

Dimension: 320 mm (L) × 260 mm (W) × 80 mm(H)

Weight: about 3 Kg

## Selling points analysis

1. Compact design, it can be placed horizontally or hung on the wall.
2. Concise in interface, and easy in operating.
3. Color LCD, interface display of big characters and waveform.
4. Wide FHR range, optional twins monitoring.
5. Support the functions of cache print, segment print and timing print, timing duration range: 10~1440 min.

## Performance

- ◆ Safety
  - Type of protection against electric shock: Class I
  - Degree of protection against electric shock: Type B applied part
  - Working Voltage: AC 100 V~240 V
  - DC 7.4V, 3500mAh
  - Frequency: 50 Hz/60 Hz
  - P<60 VA
  - Fuse: T1.6AL250V
- ◆ Battery type: rechargeable lithium battery, 3500 mAh/7.4 V
- ◆ Display
  - 8" color LCD display, 60° convertible screen
  - Display Contents: bed No. , pregnancy weeks, age, paper speed, date, time, volume, reminder status, transducer connection status, recorder status, FHR data and wave, Contraction data and wave, Fetal move times and mark etc.
- ◆ 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:  $I_{is} < 20$  mW/cm<sup>2</sup>
  - The peak time space peak intensity:  $I_{tms} < 100$  mW/cm<sup>2</sup>
  - The average time space peak intensity:  $I_{ats} < 10$  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