

# CONTEC™



## CMS800G Fetal Monitor

**Contec Medical Systems Co.,Ltd.**

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ADD: No.112 Qinhuang West Street, Economic & Technical Development Zone,  
Qinhuangdao, Hebei Province, PEOPLE ' S REPUBLIC OF CHINA  
Tel : 0086-335-8015430  
Fax : 0086-335-8015588  
E-mail : cms@contecmed.com.cn contec88@gmail.com  
Website : <http://www.contecmed.com>

# CMS800G



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.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.

## Optional configuration

- ◆MPM1B21 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
  - Frequency: 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 :  $I_{ob} < 20$  mW/cm<sup>2</sup>
  - The peak time space peak intensity:  $I_{spk} < 100$  mW/cm<sup>2</sup>
  - The average time space peak intensity:  $I_{sato} < 10$  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

## Certification

CE certificate