

Cadence Series Fetal Monitor

■ Specification

Physical Characteristics

Dimensions: 330mm x 270mm x 100mm
Weight: 3.5 kg approx.

Performance Specifications

Display:

LED (Cadence)
5.7 inch LCD (Cadence II)

Printing:

Recording Paper: 112mm, Z-fold, thermosensitive,
American Standard / International Standard
Paper Advance Speed: 1/2/3 cm/min selectable
Record Message: Date, time, TOCO type, paper speed,
FHR type, bed No., etc.

Ultrasound

Technique: Ultrasound Pulse Doppler with autocorrelation
Pulse repetition rate: 2 KHz
Ultrasound frequency: 1.0MHz±10%
FHR range: 50bpm – 240bpm
Resolution: 1bpm
Accuracy: ±2 bpm

DECG

Technique: Peak – Peak detection technique
FHR range: 30bpm – 240bpm
Resolution: 1 bpm
Accuracy: ±1bpm

Input Impedance: > 10M (Differential)
Input Impedance: > 20M (Common Mode)

TOCO

TOCO range: 0-100 Relative (%)
Resolution: 1 %
Zero mode: Auto/Manual
Non-linear error: ≤±10%

TDP

Pressure range: 0 – 100 mmHg
Resolution: 1%
Zero mode: Automatic / Manual
Non-linear error: ±1mmHg

Auto Fetal Movement (AFM)

Technique: Pulsed Doppler ultrasound
Range: 0-100 (%)
Resolution: 1%

Marking

Manual fetal movement mark

Battery

14.8 V rechargeable Lithium-ion battery
Continuous working time: 2-4 hours

Signal Interface

DB9 network interface



Configuration	Single FHR	Twin FHR	TOCO	FM	AFM	DECG&ISTP	Fetal Stimulator	Lithium-ion battery
Cadence	Yes	No	Yes	Yes	Yes	No	Optional	Optional
Cadence Dual	Yes	Yes	Yes	Yes	Yes	No	Optional	Optional
Cadence Pro	Yes	No	Yes	Yes		Optional	Optional	Optional
Cadence II	Yes	Optional	Yes	Yes	Yes	Optional	Optional	Optional

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- Compact Design**
Easy to move and mount on wall
- Watertight High Sensitive Ultrasound Transducer**
Use multicrystal ultrasound technology
- Watertight Flat TOCO Transducer**
Flat surface design reduces visible mark and enhances comfort
- Automatic Fetal Movement Detection**
Detect fetal movement by ultrasound transducer automatically
- Intrapartum Monitoring**
Optional DBCG and IUP function
- Signals Overlap Verification**
Reduce the risk of heart rate signal from the same source
- Insight Software**
Data transferring and displaying on a standard PC
- Built-in Network Connection Interface**
Compatible with wireless and cable LAN obstetrical central station
- Battery**
Built-in rechargeable battery for 4 hours continuous work as an option

Cadence II Fetal Monitor



- Large Screen**
5.7 inch LCD foldable screen display waveforms and digitals simultaneously
- Powerful Memory**
12 hours of memory for patient data storage and review

Insight Software

- Realtime data transmission
- Event and comment record
- Patient information management
- Printout on A4 paper
- patient data storage and review

