



# Cadence Series Fetal Monitor

# Cadence Fetal Monitor



- 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 DECG 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

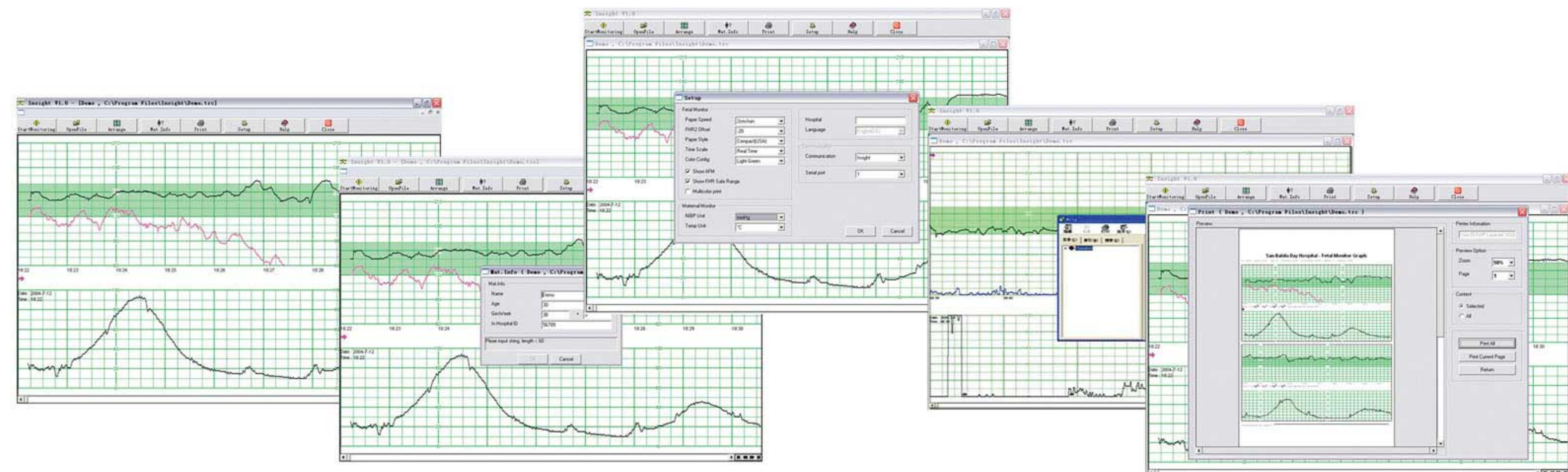
# Cadence II Fetal Monitor



- 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



# 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%

#### IUP

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&IUP	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

