



medical **ECONET**



# Insight

Premium and compact fetal monitor

- 7" wide TFT color LCD monitor
- High sensitive 9 elements 2MHz transducer
- Dual fetal movement and fetal ECG
- 24 hours trend saving time
- Printing adjustable to 10, 20 or 30 mm/min
- Round & 360° visual alarm lamp
- Waterproof probes
- Built-in rechargeable Li-ion battery
- Incl. probes, electrical event marker, belts, gel and paper

## Specifications

### Ultrasound

- Multicrystal transducer
- Pulsed doppler
- Ultrasound frequency : 2.0 MHz
- Intensity : <math><10\text{mW}/\text{cm}^2</math>
- FHR range : 50 ~ 240 bpm
- FHR accuracy :  $\pm 2\%$  of range
- Dual doppler
- Waterproof (IPX 7)

### UC (Uterine Contraction)

- External type
- Frequency response : DC ~ 0.5 Hz
- Reference (Zero) Control
- Measurement range : 0 ~ 99 units
- Waterproof (IPX 7)

### FECG (Optional)

- FHR Range : 50 ~ 240 bpm
- Input Impedance :  $>10\text{ M}\Omega$
- Leakage Current :  $<0.04\text{ uA/V}$  at 50/60 Hz

### FM (Fetal Movement)

- Detection method : Ultrasound
- Dual FM

### AST(Acoustic Simulator : Optional)

- Vibration function waking fetus

### Display

- 7" wide TFT color LCD
- Resolution : 480x234
- Heart rhythm
- Printing state
- Record speed : 1, 2, 3 cm/min
- Auto Print 10, 20, 30, 40, 50, 60 min
- Indicator : Power & Battery LED
- Alarm on/off state LED

### Sound

- Doppler sound with volume control
- HR sound
- Key sound
- Printer paper out
- Probe fault
- Low battery
- Alarm sound

### Printer

- Thermal array roll type (width : 114mm)
- Record speed : 1, 2, 3 cm/min
- Record contrast : mode 1, 2, 3
- Auto record period : Off, 10, 20, 30, 40, 50, 60 min

### Set-up

- Alarms upper/lower value
- Time & date
- Print Contrast 1, 2, 3
- Print speed & zoom
- FHR volume level
- Language : English, German, Italian, French, Spanish

### Function

- Mark function
- UC reference
- Zoom in particular response
- Trend : 24 hours

### Signal Interface

- Ethernet central interface

### Environmental Specifications

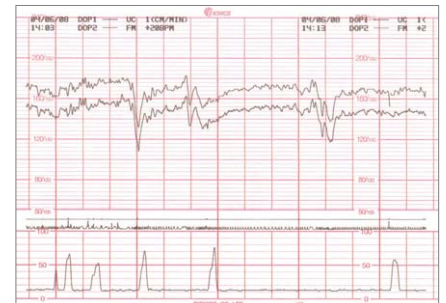
- Temperature Range
  - Operating : 10 to 45 °C
  - Storage : -10 to 50 °C
- Relative Humidity Range
  - Operating : 30 ~ 85%
  - Storage : 20 ~ 95%

### Power Specifications

- Power Requirements : 100 - 240VAC, 50/60Hz, about 80VA
- Output : DC +15V 3.0A
- Battery : Rechargeable Li-ion battery : +11.1V, 4400mAh

### Optional Accessories

- Mobile trolley and wall mount



## Optional Accessory



## Standard Accessories



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