



medical **ECONET**



Insight *lite*

The most versatile and cost effective fetal monitor

- 7-segment large numeric LED
- High sensitive 9 elements 2 MHz transducer
- Dual fetal movement
- Printing adjustable to 10, 20 or 30 mm/min
- Round & 360° visual alarm lamp
- Optional waterproof probes
- Optional built in Li-ion battery
- Networkable with PC (RS-232 or optional Bluetooth)
- 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) : Optional

UC (Uterine Contraction)

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

FM (Fetal Movement)

- Detection method : Ultrasound
- Dual FM

AST(Acoustic Simulator : Optional)

- Vibration function waking fetus

Display

- 7-Segment
- Heart rhythm
- Printing state
- Record speed : 1, 2, 3 cm/min
- Auto Print 10, 20, 30, 40, 50, 60 min
- Indicator : Power & Battery LED
- Record zoom, Offset, Speed
- Alarm on/off state LED

Sound

- Doppler sound with volume control
- HR sound
- Key sound
- Printer paper out
- Probe fault
- Low battery (Optional)
- 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

Function

- Mark function
- UC reference
- Zoom in particular response

Signal Interface

- RS-232C serial interface
- Bluetooth Central Interface : (Optional)

Environmental Specifications

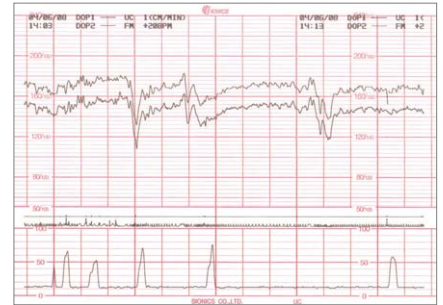
- Temperature Range
- Operating : 10 to 45 °C
- Storage : -10 to 50 °C
- Relative Humidity Range
- Operating : 30 ~ 85%
- Storage : 20 ~ 95%

Power Specifications

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

Optional Accessories

- Mobile trolley and wall mount



Standard Accessories



CE 0470

distributor

*All specifications are subject to change without notice.

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