



LCD type

## ECOtwin

Modernized user-friendliness  
antepartum fetal monitor

7" wide TFT color LCD monitor (800 x 480)  
or 7-segment large numeric LED: LED type

Easy data transfer through USB stick  
450 hours patient data saving

High sensitive 9 elements 0.985 MHz transducer  
Waterproof probes

Built-in battery and printer

Networkable with PC (RS-232 or optional Bluetooth)

Including probes, event maker, belts, gel and paper



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# Specifications

Ultrasound
Multicrystal transducer
Pulsed doppler
Ultrasound frequency : 0.985 MHz
Intensity: <10mW / cm <sup>2</sup>
FHR range: 50 ~ 240 bpm
FHR accuracy: ± 2% of range
Dual doppler
Waterproof (IPX 7)
UC (Uterine Contraction)
External type
Frequency response: DC ~ 0,5 MHz
Reference (Zero) Control
Measurement range: 0 ~ 99
Waterproof IPX7
FM (Fetal Movement)
Detection method: Ultrasound
Dual FM
AST (Acoustic Simulator: Optional)
Vibration function waking fetus
Display
7" wide TFT color LCD
7-segment large numeric LED: LED type
Heart rhythm
Printing state
Record speed: 1, 2, 3 cm / min
Auto Print 10, 20, 30, 40, 50, 60 min
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 z-fold type (width: 150 mm)
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-232 C 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, 50/60 Hz, about 80VA
Output: DC +15V 2.5A
Battery: Rechargeable
Optional Accessories
Mobile trolley and wall mount



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\*All specifications are subject to change without notice.