



## BT-350

### Modernized user-friendliness antepartum fetal monitor

- 7" wide TFT color LCD monitor(800 X 480) : LCD type
- 7-segment large numeric LED : LED type
- 450 hours patient data saving
- High sensitive 9 elements 0.985 MHz transducer
- Waterproof probes
- Built-in 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 : 0.985 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)

### FM (Fetal Movement)

- Detection method : Ultrasound
- Dual FM

### AST(Acoustic Simulator : Optional)

- Vibration function waking fetus

### Display

- 7" wide TFT color LCD
- 7-segment 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 roll type (width : 150mm)
- 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 2.5A
- Battery : Rechargeable

### Optional Accessories

- Mobile trolley and wall mount



[ LED type ]



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