

FETAL MONITOR COLOR

FM-101



Available in light weight, space-saving, easy to use construction finish, the accurate and consistent performance based Fetal Monitor come with 8.4" LCD screen and folding support of 60 degree. Coming with option of displaying waveforms and digital data simultaneously, it supports storage and review possibilities of 12 hours data and waveform generated. Some of the other standard features of the system includes FHR upper and lower limit alarm, twins monitoring function option, built in high resolution and long life printer support as well as option of PC network connection to the central monitoring system.

General Features

- Display : **8 Inch colour LCD**
- Rotatable Screen to **60°**
- **In built Rechargeable battery with 2 hours battery backup**
- **FHR 120 – 160 bpm normal range label**
- Manual Records Fetal movement
- Sound and colour remind users of high and low fetal heart rate
- **Continuous 24 hrs real time monitoring function**
- **Continuous 12 hrs patient curve and data storage, playback and print**
- With picture freeze function
- **9 crystal board band pulsed wave transducer**
- Extra long life, high resolution built in thermal recorder
- Built in 2 rechargeable batteries insure that could still working normally for two hours after the power supply breaks off
- **Twins monitoring is (optional)**
- **Built - in communication port can be connected with central monitoring system (optional)**

Technical Specifications

Display Content

- Bed Number, pregnancy weeks, Age, Paper speed, Date, time, Volume, Remainder Status. Transducer Connection Status. Recorder status, FHR data & Wave. Contraction data and wave, Fetal move times and mark etc.

Ultrasound probe

- Nominal Frequency: **1.0MHz**
- Work Frequency: **1.0 MHz \pm 10%**
- Negative peak sound pressure: **$p \leq 1\text{Mpa}$**
- Output beam intensity: **$I_{ob} \leq 20\text{mW/cm}^2$**
- The peak time space peak intensity: **$I_{spta} \leq 100\text{mW/cm}^2$**
- The average time space peak intensity: **$I_{spta} \leq 10\text{mW/cm}^2$**
- FHR Rang: **50 bpm - 240 bpm**
- Resolution: **1 bpm**
- Accuracy: **± 2 bpm**

TOCO

- TOCO Range: **0-100%**
- Resolution: **1%**
- Non Linear error: **$< \pm 10\%$**
- RZ way: **Manually**
- **Fetal Marking**
For the manual button (the operation of pregnant women), there will be a mark display in the bottom area of FHR wave display section.
- **FHR Reminder**
Reminder for high and low FHR, which exceeds appointed limit.

Transducers

- 1) **Ultrasonic Transducer**
System: Pulsed Doppler
Dimension: 90mm x 65 mm
- 2) **TOCO Transducer**
System: Passive strain gauge
Dimension: 102 mm x 50 mm
- 3) **Remote Marker**
Length: 96 mm
- 4) **Remote Transducers**

Print

- Record Paper two – double type Z
- Print width: **112 mm**
- Valid Print Width: **104 mm**
- Paper Output Speed: **1cm / min, 2cm / min and 3cm / min (Optional)**
- **Data Precision:**
 $\pm 5\%$ (X Roll)
 $\pm 1\%$ (Y Roll)
- Record Content: Hospital, Bed Number, Name, Pregnancy, Week, Patient Number, Paper Speed, Date, Time, FHR data and wave, Contraction data and wave, fetal move times and mark etc.
- **Net Interface: RJ 45**
- Battery type: 2 rechargeable batteries, 3700mAh/3.7V

Physical Characteristics

- Size: 320 mm (L) x 260 mm (W) x 80 mm (H)
- Weight: about 3 Kg
- Mode: Continuous work

Power Supply

- Working Voltage: **AC 100V - 240 V**
- Frequency: 50Hz / 60Hz
- $P \leq 60$ VA
- Fuse: T1.6AL250V

Environment

- **Transport and Storage**
Temperature: $10^{\circ}\text{C} - 55^{\circ}\text{C}$
Relative Humidity: $\leq 93\%$
Atmospheric Pressure: 700hPa – 1060hPa
- **Working environment**
Temperature: $5^{\circ}\text{C} - 40^{\circ}\text{C}$
Relative Humidity: $\leq 80\%$
Atmospheric Pressure: 700hPa – 1060hPa

Available at:

XAVIER Med Pvt. Ltd.

1-10-51/2, Road 6B, Dwarakapuram,
Dilsukhnagar, Hyderabad - 500060

www.buyxavier.com

Customer Care: 8008895680,

Service: 8008895079