BIOLIGHT

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F30/F50

Fetal/Maternal Monitor



- Fetal Heart Rate(FHR), Uterus constriction(TOCO), Fetal Movement(FM)
- 7 inches high resolution (800*480) LCD display
- Programmable alarm on probe off-position and abnormal FHR
- Built-in 152mm thermal printer with adjustable tracing speed
- TWIN monitoring function (option)

TECHNICAL SPECIFICATION: F30/F50

Specification:

Size : 328mm(L) X 295mm(W) X145mm(H)

Net Weight : ≤2.5Kg

Display : 7" TFT LCD

Resolution: :800*480

AC power : 100V~220V; 50Hz/60 Hz

DC power :11.1V, 4Ah rechargeable lithium battery

Battery work time: > 4 Hours

Environment Specification:

Operation

Environment temperature: +5℃ ~ +40℃

Relative humidity :25% ~ 93%

Atmospheric pressure: 860hPa ~1060hPa

Store and Transportation

Environment temperature: -20℃ ~ +55℃

Relative humidity: 25% ~ 95%

Atmospheric pressure: 500hPa ~ 1060hPa

Record:

Recording way : Thermal printing system

Recording paper : 152mm (wide) X 13.5m (long)

Paper type : Z-Fold

Paper speed : 1cm/min、2cm/min、3cm/min

Accuracy : ≤ ±5%

Resolution : 8 dots/mm

Alarm

Audible and visible

- Specifications subject to be changed without notice

Fetal Heart Rate (FHR) Measuring

Measuring method : Ultrasonic Doppler

Measuring range : 50~210 BPM

Accuracy : ±2 BPM

Ultrasonic frequency: 1MHz

Ultrasonic output intensity: ≤ 5mW/cm2

Display: wave / numerical

TOCO measuring

Measuring method: external measurement

Measuring range: 0~100 (%)

Resolution : 1%

Nonlinear error : < ±10%

Fetal Movement Recording

Manual button marking, (MFM)

Automatic FM identifying function (AFM)

F30 Fetal Monitor

Standard Configuration:

FHR1, TOCO, FM, Lithium battery, printer

Option:

Twin FHR, fetal stimulator, CTG evaluation module, touch screen,

F50 Fetal/Maternal Monitor

Standard Configuration:

FHR1, TOCO, FM, Lithium battery, printer, NIBP, MSpO2, MPR

Option:

Twin FHR, fetal stimulator, CTG evaluation module, touch screen,

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