



# ESF80/ESF90

Fetal & maternal monitors  
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INTENSIVE CARES



# ESF80 / ESF90

## TECHNICAL SPECIFICATION:

### Specification:

- Size: 383mm(L) × 383mm(W) × 124mm(H)
- Net Weight: ≤6Kg
- Display: 12.1" TFT LCD
- Resolution: 800\*600
- AC power: 100V~240V; 50Hz/60 Hz
- DC power: 11.1V, 4Ah rechargeable lithium battery
- Battery work time: > 4 Hours

### Environment Specification:

- Operation
- Environment temperature: +5°C ~ +40°C
- Relative humidity : 15% ~ 85%
- Atmospheric pressure: 700hPa ~ 1060hPa
- Store and Transportation
- Environment temperature: -20°C ~ +55°C
- Relative humidity: 10% ~ 93%
- Atmospheric pressure: 500hPa ~ 1060hPa

### Record:

- Recording way: Thermal printing system
- Recording paper: 152mm(Wide)×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

### 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)

## ESF80

### Standard Configuration:

- FHR1, TOCO, FM, Lithium battery, printer

### Option:

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

## ESF90

### Standard Configuration:

- FHR1, TOCO, FM, Lithium battery, printer, NIBP, MSpO<sub>2</sub>, MPR, MEEG, MRESP, MTEMP

### Option:

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

\*Specifications subject to be changed without notice



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