ESF6-EXPRESS
Fetal & maternal monitor

ESF6
Fetal monitor
**Foldable color TFT screen**
ESF6-Express supports four viewing angles: 15, 30, 45, 60 that give better optic angles for care givers.

**Quick setup and simplified workflow**
Functional keys and knob provide various short-cuts to achieve functions for clinical use. The ‘START’ button could be configured to integrate patient info and printing. This could help the doctor to simplify the workflow and work with 1 button only.

**Various printing options**
ESF6-Express is compatible with 152 and 150 mm thermal printing paper in either American or International standard. The recording information includes patient info, FHR waveform, TOCO waveform, Fetal movement and so on.

**Built-in antepartum CTG analysis**
The antepartum CTG analysis provides objective and numerical assessment of CTG for the caregivers’ reference and ensures easy access to read FHR patterns.
User-friendly Design
- 10.1” foldable TFT color screen
- Compact and portable design
- Probe rack for easy positioning of the transducers

Easy to Read & Operate
- Numeric and waveform display of FHR and TOCO
- Simplified workflow with various short-cuts
- Easy to use menu system ensures fast access to important functions

Advanced FHR Detection Technology
- 1 MHz waterproof sensitive transducer
- Signals Overlap Verification to differentiate twins FHR
- FHR signal quality indicator helps optimize the probe position

Powerful Data Management
- 60 hours built-in memory for seamless monitoring
- MFM-CNS network for remote monitoring
- Software for data management

Multi-display Modes
- Switching among three display modes, user may choose the most suitable one for clinical use.

Optional accessories are the trolley or the wall mount system
**Physical Characteristics**
Dimensions: 347mm x 330mm x 126mm
Weight: Approx. 6 kg

**Ultrasound**
Technique: Ultrasound Pulse Doppler with autocorrelation
Pulse Repetition Rate: 2 KHz
Ultrasound Frequency: (1.0+10%)
MHz FHR Measurement Range: 50bpm ~ 240bpm
Resolution: 1bpm
Accuracy: +2 bpm
\( \pm b: < +10\% \)

**TOCO**
TOCO Range: 0% ~ 100%
Non-linear Error: < +10%
Resolution: 1%
Zero Mode: Automatic / Manual

**AFM**
Technique: Pulsed Doppler ultrasound
Range: 0 ~ 100 (%)
Resolution: 1%

**Display Specifications**
Display: 10.1" color TFT-LCD
Resolution: RGB 800 (W) x480 (H)

**DECG**
Technique: Peak-peak detection technique
DFHR Measurement Range: 30bpm ~ 240 bpm
Resolution: 1bpm
Accuracy: +1 bpm

**IUP**
Pressure Range: 0 ~ 100mmHg
Non-linear Error: < +3 mmHg
Resolution: 1%
Zero Mode: Automatic/Manual

**Recorder**
Recording Paper: Z-fold, 150/152mm thermo-sensitive paper
Recording Speed: 1/2/3 cm/min, 25 mm/sec for history data

**Power supply**
Operating Voltage: 100 - 240V~
Operating Frequency: 50/60Hz
Battery: 14.8V/4400mAh rechargeable Li-ion battery

**Maternal Parameters for the ESF6-Express:**
Monitor the mother’s ECG, HR/PR, NIBP, SpO2, and temperature