

# F9 Series

## Fetal & Maternal Monitor

Mounting Solutions



Trolley

Wall Mount

### Specification

Physical Characteristics		Display Specifications										
Dimensions:	347mm x 330mm x 126mm	Display:	12.1 inches color TFT-LCD									
Weight:	Approx. 6 kg	Resolution:	RGB 800 (W)x600 (H)									
Ultrasound		DECG										
Technique:	Ultrasound Pulse Doppler with autocorrelation	Technique:	Peak-peak detection technique									
Pulse Repetition Rate:	2 KHz	DFHR Measurement Range:	30bpm ~ 240 bpm									
Ultrasound Frequency:	1.0MHz±10%	Resolution:	1bpm									
FHR Measurement Range:	50bpm ~ 240bpm	Accuracy:	+1bpm									
Resolution:	1bpm											
Accuracy:	±1bpm											
/ob:	<10mW/cm <sup>2</sup>											
TOCO		IUP										
TOCO Range:	0% ~ 100%	Pressure Range:	0 ~ 100mmHg									
Non-linear Error:	<10%	Non-linear Error:	<+3mmHg									
Resolution:	1%	Resolution:	1%									
Zero Mode:	Automatic / Manual	Zero Mode:	Automatic/Manual									
AFM		ECG										
Technique:	Pulsed Doppler ultrasound	Manual control ECG waveform display										
Range:	0 ~ 100 (%)	ECG falls off:	Detect automatically									
Resolution:	1%											
HR		SpO <sub>2</sub>										
Measurement Range:	30bpm ~ 240bpm	Measurement Range:	50% ~ 100%									
Measuring Accuracy:	+2bpm	Resolution:	1%									
PR		NIBP (for adult)										
Measurement Range:	30bpm ~ 240bpm	Systolic pressure:	40mmHg ~ 270mmHg									
Measuring Accuracy:	+2bpm	Mean pressure:	20mmHg ~ 235mmHg									
		Diastolic pressure:	10mmHg ~ 215mmHg									
		Resolution:	1mmHg									
TEMP		Recorder										
Measurement Range:	0OC ~ 50OC	Recording Paper:	Z-fold, 150/152mm thermosensitive paper									
Accuracy:	+0.2OC	Recording Speed:	1/2/3cm/min, 25mm/sec for history data									
Power Supply												
Operating Voltage:	100 - 240V~											
Operating Frequency:	50/60Hz											
Battery:	14.8V/4400mAh rechargeable Li-ion battery											
Configuration	Twins	FHR	TOCO	FM	AFM	DECG/IUP	MECG	NIBP	MSpO <sub>2</sub>	TEMP	Fetal Stimulator	Lithium-ion Battery
F9	✓	✓	✓	✓	✓	Opt	X	X	X	X	Opt	Opt
F9 Express	✓	✓	✓	✓	✓	Opt	✓	✓	✓	✓	Opt	Opt

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### Quick setup and simplified workflow

Functional keys and knob provide various shortcuts 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

F9 series are compatible with 152 and 150 mm paper in either American or International standard. The recording information includes patient info, FHR waveform, TOCO waveform, Fetal movement, maternal heart rate and SpO<sub>2</sub> traces and so on.

### 12.1 inches color touch screen

The touch-screen, color display allows quick setup and optimized performance.



F9 series fetal & maternal monitor provide solutions for all areas of fetal monitoring, ranging from antepartum, intrapartum, and postpartum clinical applications. With integrated monitoring of twins' FHR, uterine activity, fetal movement, intrauterine pressure and direct ECG as well as maternal NIBP, SpO<sub>2</sub>, ECG and TEMP, F9 series offer the most cost effective and flexible solution for all your fetal monitoring needs, without compromising quality, precision, performance and ergonomics.

### Multi-display Modes



Switching among three display modes, user may choose the most suitable one for clinical use that allows care givers to evaluate maternal data simultaneously

### 12-crystal and 1MHz waterproof transducer



Depth	7-crystal	9-crystal	12-crystal
40mm			
80mm			
120mm			

Our 12-crystal ultrasound probe employs advanced technology unique to EDAN, providing wider beam area and more homogeneous signal, thus realizing better performance for bedside monitors than conventional transducers.