

# F9 Series

## Fetal & Maternal Monitor

Support 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)×600 (H)
Ultrasound		DECG	
Technique:	Ultrasound Pulse Doppler with autocorrelation	Technique:	Peak-peak detection technique
Pulse Repetition Rate:	2 KHz	DFHR Measurement Range:	30 bpm ~ 240 bpm
Ultrasound Frequency:	1.0 MHz ±10%	Resolution:	1 bpm
FHR Measurement Range:	50 bpm ~ 240 bpm	Accuracy:	±1 bpm
Resolution:	1 bpm		
Accuracy:	±1 bpm		
Job:	<10 mW/cm <sup>2</sup>		
TOCO		IUP	
TOCO Range:	0% ~ 100%	Pressure Range:	0 ~ 100 mmHg
Non-linear Error:	≤10%	Non-linear Error:	≤± 3 mmHg
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:	30 bpm ~ 240 bpm	Measurement Range:	50% ~ 100%
Measuring Accuracy:	±2 bpm	Resolution:	1%
PR		NIBP (for adult)	
Measurement Range:	30 bpm ~ 240 bpm	Systolic pressure:	40 mmHg ~ 270 mmHg
Measuring Accuracy:	±2 bpm	Mean pressure:	20 mmHg ~ 235 mmHg
		Diastolic pressure:	10 mmHg ~ 215 mmHg
		Resolution:	1 mmHg
TEMP		Recorder	
Measurement Range:	0 °C ~ 50 °C	Recording Paper:	Z-fold, 150/152mm thermosensitive paper
Accuracy:	±0.2 °C	Recording Speed:	1/2/3 cm/min, 25 mm/sec for history data
Power Supply			
Operating Voltage:	100~240V~		
Operating Frequency:	50/60 Hz		
Battery:	14.8V/4400 mAh rechargeable Li-ion battery		
Configuration			
	Twins FHR TOCO FM AFM DECG/IUP MCEG NIBP MSPO <sub>2</sub> TEMP Fetal Stimulator Lithium-ion Battery		
F9	✓ ✓ ✓ ✓ Opt × × × × Opt Opt		
F9 Express	✓ ✓ ✓ ✓ Opt ✓ ✓ ✓ ✓ Opt Opt		

# EDAN

# F9 Series

## Fetal & Maternal Monitor



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Care for Health

## F9 Series Fetal & Maternal Monitor

### Quick setup and simplified work flow

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.

### Telemetry T840

Wireless monitoring offers full range of comfort and convenience, the lightweight and waterproof transducers gives the patient maximized flexibility as well as convenience for clinician. T840, as an optional accessory of F9, perfectly suits a wide range of OB monitoring applications, including both antepartum and intrapartum.

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

12.1 inches color touch screen



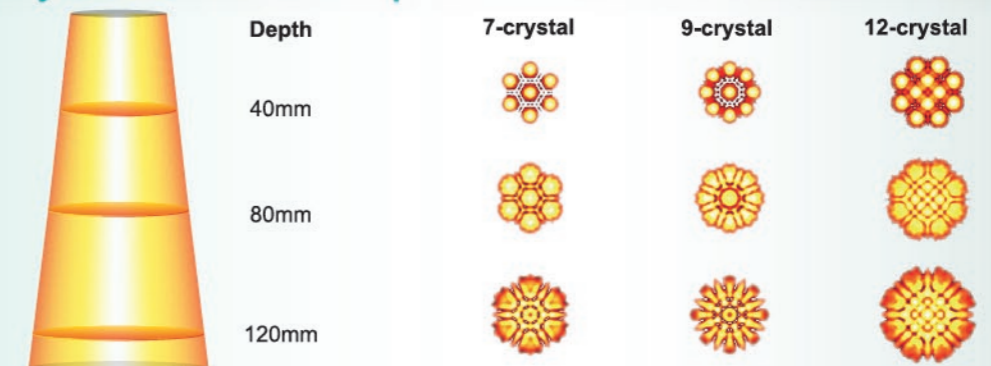
F9 series fetal & maternal monitor provide solutions for all areas of fetal monitoring, ranging from antepartum, intrapartum, and postpartum clinical applications. With integrated monitoring of twins' FHR, uterine activity, fetal movement, intrauterine pressure and direct ECG as well as maternal NIBP, 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



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.