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)×600 (H)
Ultrasound		**DECG**	
Technique:	Ultrasound Pulse Doppler with autocorrelation	Technique:	Peak-peak detection technique
Pulse Repetition Rate:	2 KHz	DFHR Measurement Range:	30bpm ~ 240bpm
Ultrasound Frequency:	1.0MHz ±10%	Resolution:	1bpm
FHR Measurement Range:	50bpm ~ 240bpm	Accuracy:	±1bpm
Resolution:	1bpm		
Accuracy:	±1bpm		
Iob:	<10mW/cm²		
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_2**	
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:	0°C ~ 50°C	Recording Paper:	Z-fold, 150/152mm thermosensitive paper
Accuracy:	±0.2°C	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	$MSpO_2$	TEMP	Fetal Stimulator	Lithium-ion Battery
F9	✓	✓	✓	✓	Opt	×	×	×	×	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_2 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_2, 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.