

great

performance

sonicaidTM FM800 *Encore*

Acute Fetal/Maternal Intrapartum Monitoring Series



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great performance

The Sonicaid FM800 Encore Series is a high performance fetal and maternal monitor, using today's most advanced technology to produce the most accurate acquisition of data for clinician decision support. Whether you need standard fetal monitoring or equipment for specialist, high-risk care, the Sonicaid FM800 Encore series gives you accuracy and clarity in every situation.

Exclusive to Huntleigh - Unique CTG analysis included as standard giving enhanced decision support.

Huntleigh is the appointed sole distributor of the unique Dawes/Redman CTG analysis software, with exclusive worldwide distribution rights. This unique CTG analysis addresses the problems associated with the traditional approach to CTG interpretation.

Antepartum CTG analysis - provides an objective, numerical and consistent assessment of the CTG. Clinicians can rely on the world's largest database of collective experience to support their own visual assessment.

Intrapartum Trend - measures changes over time in the FHR. For use during the 1st stage of labour, clinicians are quickly alerted to changes in short term variability, baseline rate and deceleration size.



sonicaid™ FM800 Encore

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High Sensitivity Transducers

New advances in biocompatible materials have enabled us to develop the most sensitive uterine activity monitoring for patients of all sizes. Waterproof design makes for thorough and easy cleaning; essential for infection control.



New 'widebeam' ultrasound technology has resulted in a wider, deeper, uniform beam shape, coupled together with superb digital Doppler audio, enabling clinicians to quickly and easily locate and maintain contact with the fetal heartbeat.

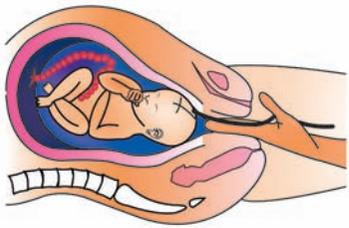


sonicaid Fetal Monitoring... *Performance for life*

great performance

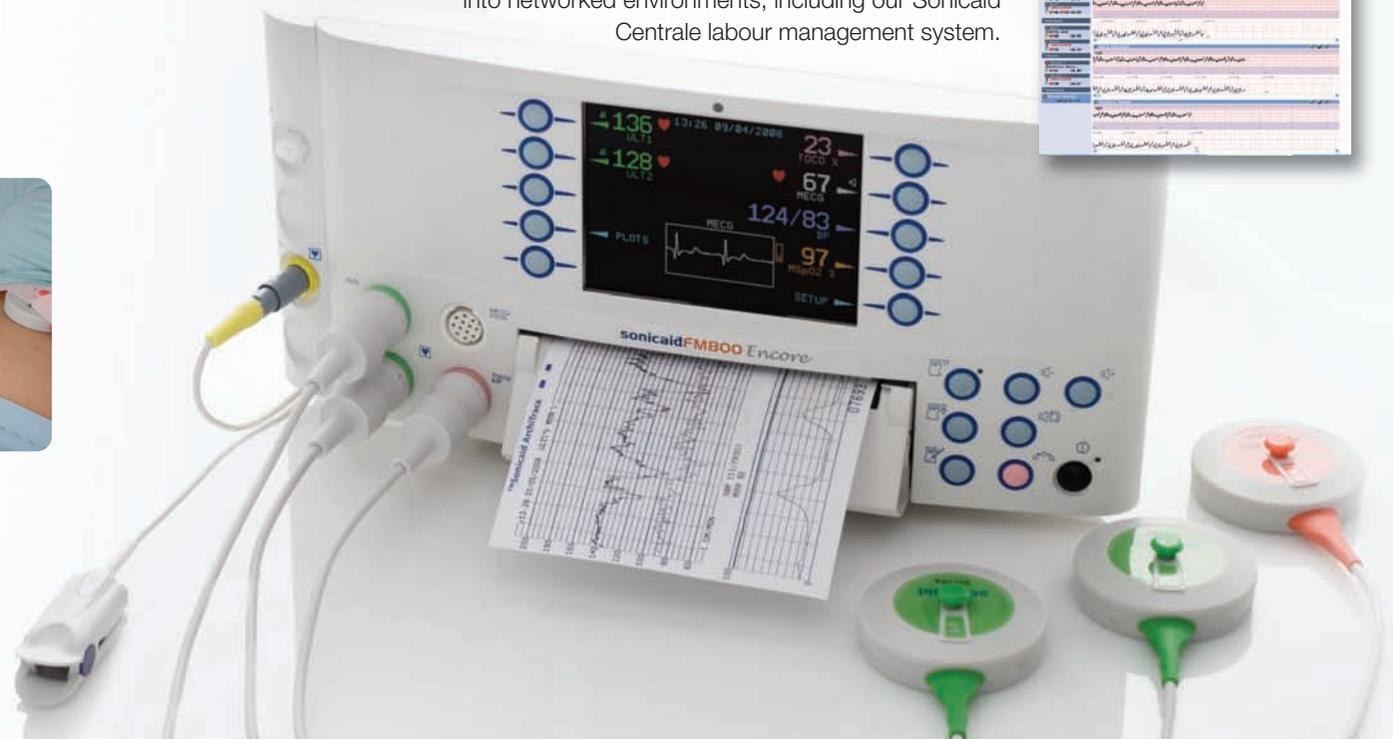
sonicaid FM800 Encore

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New improved FEOG performance in the most demanding environments enables accurate capture for quality decision making, contributing to improved outcomes.

New improved low perfusion performance; maternal heart rate now printed and displayed as a trace for quick and easy differentiation from the fetal heart rate trace. Now compatible with Nellcor and BCI sensors



Connectivity

New LAN interface provides seamless integration into networked environments, including our Sonicaid Centrale labour management system.



TELEMETRY SYSTEM T840 Wireless transducer option

The Rimkus Telemetry System T840 is designed for ambulatory monitoring of fetal heart rate and uterine activity during pregnancy and delivery.

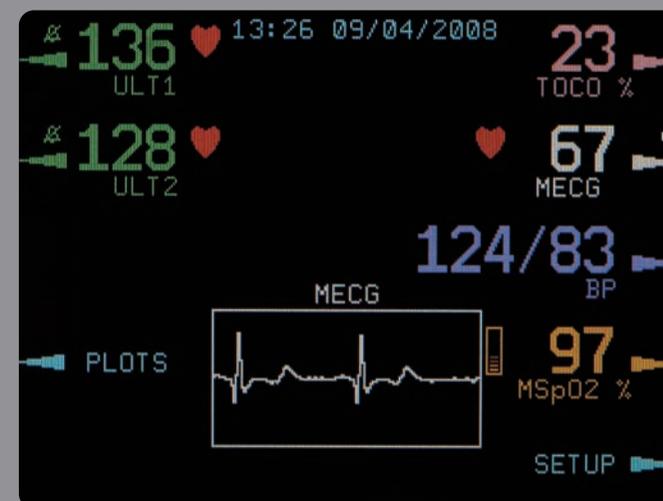
The Rimkus Telemetry System T840

- Provides Comfortable, continuous fetal monitoring with exceptional mobility
- Helps transform labour and delivery
- Offering mothers unique flexibility they seek
- More choice in birthing positions



FM800 Encore incorporates unique new technology to ensure accurate tracking in the most demanding of circumstances, minimising the requirement for direct fetal ECG monitoring:

- 'Locate and Track'** dynamic range gating technology locks onto the fetal heart signal for optimum pick-up
- Advanced fetal heart rate algorithms with artefact rejection for unequalled FHR performance.



New colour screen makes it easy to monitor both mother and fetal vital signs at a glance. Transducers match on-screen colours for fast, error free recognition

Technical Specifications: sonicaid FM800 Encore Series

Ultrasound	
Technique	Directional Pulsed Doppler
Frequency	1 MHz
Measurement Range	30-240 bpm
ISPTA (intensity)	<3mW/cm ²
Watertight	IPX7 rating
Uterine Activity External	
Range	0-100 relative Units
Sensitivity	100% FSD equivalent to 128g
Baseline	Manual and autozero facility
Watertight	IPX7 rating
Uterine Activity Internal	
Transducers	Intran Plus or Koala
Pressure Range	0-100mmHg/0-15kPa (user selectable)
Sensitivity	1mmHg
Accuracy	+ or - 2%
Direct Fetal ECG	
Fetal Scalp Electrode	Supports all variants of FECCG
Range	30-240 bpm
Accuracy	<+/- 2bpm
Input Impedance	10M ohm
Maternal Heart Rate and ECG	
Range	30-240
Accuracy	<+/-1bpm
Display	HR values and waveform complex
Maternal Non-invasive Blood Pressure *	
Method	Oscillometric
Modes	Manual or automatic
Measurement Ranges	Systolic 40-260 Hg
	Diastolic 40-200 Hg
	Pulse 30-220 bpm

Maternal Oxygen saturation*	
Sensor type	BCI™ or Nellcor™
Saturation range	0-99% SpO ₂
Pulse Rate	30-254 bpm
Alarms	
Fetal/Maternal	High/Low and Coincidental
Display	
Technology	Full colour TFT LCD
Size	11.5 cm 8.6 cm
Resolution	1/4 VGA, 320 x 240
Viewing Angle	134 degrees typical
Printer	
Resolution	8 dots per mm
Print Head	128mm thick film
Paper	Plain paper or 25 year ArchiTrace™
Power	
Rated AC supply voltage	110V/120V/220V/240V +/- 10%
Supply frequency	50 – 60Hz
Power consumption	100VA max
Physical characteristics	
Height	18.6cm (7.3in)
Width	35.3cm (13.9 in) FM830
	38.2cm (14.1 in) FM820
Length	31cm
Weight	9.5kg (21 lbs)
Performance and safety standards	
IEC 60601-1	ISO 9919
IEC 60601-1-1	Nema UD2
IEC 60601-4	ANSI/AAMI SP10 (FM830 only)
IEC 60601-2-25	

* Available on sonicaid FM830 Encore only. ** Patent applied for. Detailed Technical Specification available on request.

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Accessories/Consumables

Maximise your products potential by visiting www.huntleigh-diagnostics.com to see our approved accessories and consumables.



- Ergonomic design creates a soft and unobtrusive presence, while the slim-line trolley is easy to manoeuvre with integrated cable management and paper catching tray.
- Wall mount option also available



Delivering greater performance – more sensitive probes than ever before. The Sonicaid HS range offers an unmatched combination of unique automatic noise reduction, acclaimed life like fetal heart sounds and unequalled sensitivity. This ensures the best possible detection of fetal heart sounds in early gestation and in mums with raised BMI's (Body Mass Index) than ever before.



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