

SONICAID
FETAL MONITORS

HUNTLEIGH



...with people in mind

sonicaid™

The Huntleigh sonicaid™ range of Fetal monitors delivers innovative world-class obstetric solutions for midwives and obstetricians. Our extensive range allows monitoring throughout pregnancy in all environments.

Our success in fetal monitoring is born from more than 40 years experience and whilst recognised as a major supplier of CTGs worldwide, we are continuously investing in new and improved solutions to meet the changing demands of our customers.

The range is complemented by our software systems which includes Maternity Information, Labour Management and central review and archiving to satisfy all your hospital requirements.



ANTEPARTUM MONITORING

- Day assessment unit
- Antenatal screening
- Antenatal ward / clinic

REMOTE MONITORING

- Community
- Home
- Patient transfer

INTRAPARTUM MONITORING

- Labour ward
- High dependency unit
- Delivery suite

Our extensive fetal monitoring range



Entry level Fetal Monitoring

The **sonicaid BD4000** series is designed to deliver cost-effective solutions without compromising quality, precision, performance and ergonomics.

Ideally suited for the antenatal monitoring environment and is upgradeable for twins, intrapartum and interface with vital signs monitors.



Advanced Fetal Monitoring with FHR Analysis

The **sonicaid Team** range combines standard CTG monitoring with the world renowned Dawes/Redman antepartum CTG analysis, providing an objective, numerical and consistent assessment of the CTG.

Ideally suited for antenatal screening, giving clinicians advanced warning of fetal metabolic acidaemia.

Twins and intrapartum variants available.



Acute Fetal/Maternal Intrapartum Monitoring

The **sonicaid FM800 Encore** range is designed to provide flexible solutions for high-risk fetal and maternal assessment.

With integrated maternal vital signs monitoring as standard (FM830), the FM800 Encore series offers enhanced care throughout labour and delivery.



Remote Fetal Monitoring

sonicaid Fetal Assists unique portability enables at risk mothers to be monitored away from the hospital environment in areas such as at home, remote clinic, ambulance or during internal hospital transfers.

CTGs can be remotely sent using the tele-monitoring facility, giving the added reassurance of second opinion.

Also available with a docking station for use as a bedside monitor and Cordflow module to further expand its application area to include assessment of the umbilical artery and screening for the risk of pre-eclampsia.

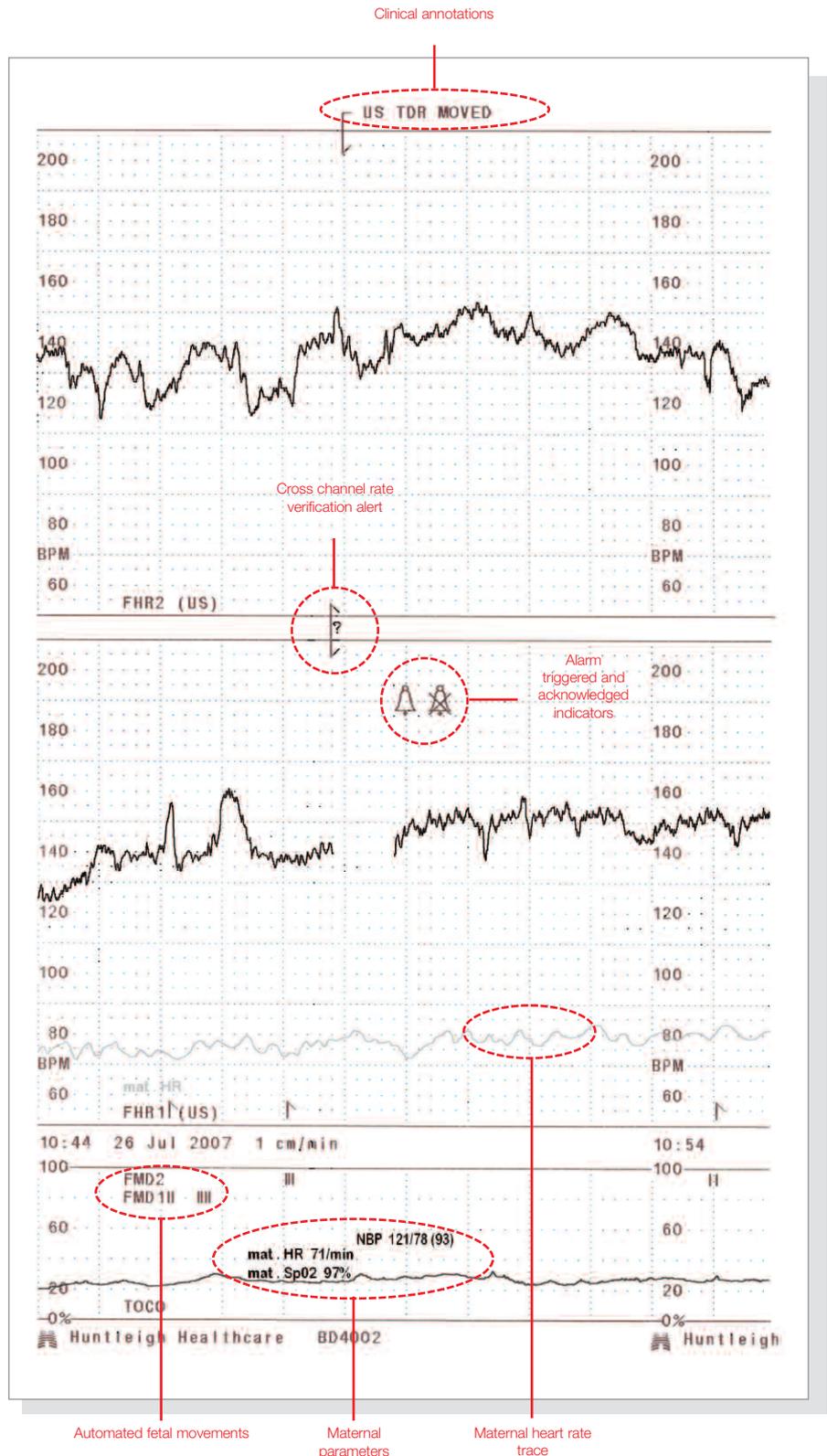
sonicaid™ BD4000xs Series

Entry level monitoring

The **BD4000xs series** fetal monitors provide solutions for all areas of fetal monitoring. Using state of the art digital signal processing technology with enhanced FHR performance, the range includes antenatal and intrapartum models with a range of options and interface capabilities. This provides the most cost effective and flexible solution for all your fetal monitoring needs. Its compact size and styling belie its ruggedness and robust design, using the same materials, construction and design expertise as our world-renowned handheld Doppler's.



- Twins capability as standard
- Unique no compromise full size twin FHR scale printing
- User adjustable, Tachycardia, Bradycardia, Loss of Contact and Cross – channel rate verification alerts
- Hospital Information System and Vital Signs Monitor interface
- User-customisable trace annotation facility
- Automatic fetal movement detection
- Intuitive user interface and controls simplifying training
- Maternally sensed fetal movement marker
- FECCG and IUP upgrade options



ERGONOMIC DESIGN

The BD4000 series CTG is the monitor of choice, whilst being both robust and a remarkable performer, it is also an elegant and slim looking system

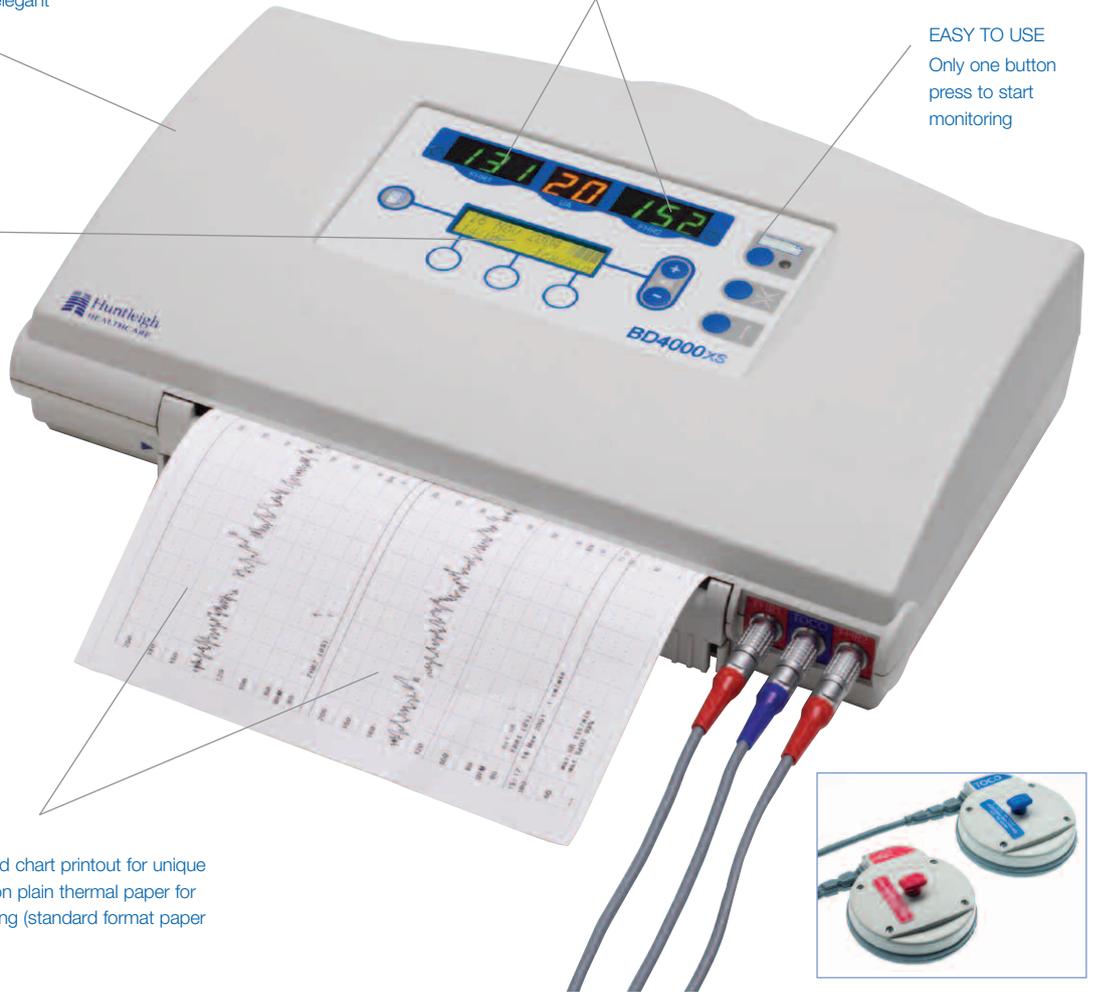
SINGLE OR TWIN CHANNEL OPTIONS

Clear visual display of FHR and contractions data and signal quality indicators

EASY TO USE
Only one button press to start monitoring

INTUITIVE USER INTERACTIVE TEXT DISPLAY

A feature packed fetal monitor, including trace annotation facility, user configurable alarms, automatic fetal movement detection, and external communication ports all included as standard



NO COMPROMISE TRACES

"Dual channel" A4 width Z-fold chart printout for unique optimum twins presentation on plain thermal paper for low cost, high accuracy printing (standard format paper can also be used)

sonicaid BD4000xs/smartsigns® SC750 Combo Combined Fetal and Maternal Monitoring

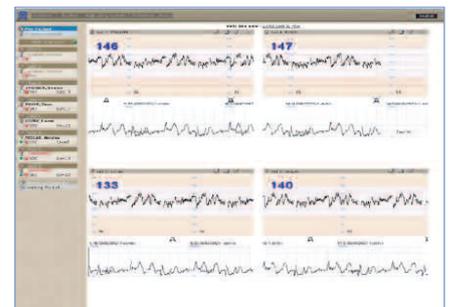
This modular solution is not only highly cost effective and extremely flexible, providing clinicians with a unique solution for monitoring both fetal and maternal well-being.

Standard monitoring parameters such as fetal heart rate, uterine activity and fetal movements are monitored on the BD4000xs, and simultaneously the maternal vital signs, of heart rate, blood pressure (Systolic, Diastolic and Mean Arterial Pressure MAP), oxygen saturation and temperature are monitored on the SC750. These are clearly displayed in either numerical or waveform format and are automatically transferred onto the CTG trace. Providing a full integrated hard copy of both fetal and maternal information together with clinical annotations on the same printout.

For further details on the **smartsigns SC750** please refer to the **smartsigns** brochure.



sonicaid Centrale



sonicaid Centrale is a powerful CTG viewing and archiving software system. It allows multiple CTGs to be networked into it, enabling users to view & annotate CTG traces via networked access terminals, locally and remotely. A wide range of options allow it to be expanded to provide a comprehensive antenatal and/or labour management system.

For further information refer to our **sonicaid Centrale** brochure.



TeamCare

Antepartum Singleton Monitoring. Ideal for your basic monitoring needs during pregnancy. Providing ultrasound, external Toco and fetal event marker.



TeamCare Duo

Antepartum Monitoring for Twins. Team Duo features an additional ultrasound channel allowing accurate assessment of twin fetal heart rate.



Team IP Trend

Basic Intrapartum Monitoring for admission, labour and delivery. As Team Duo plus FECG, maternal ECG and IUP options available.

Wireless Transducers



- Safe low voltage monitoring, ideal for the water birthing environment
- Patient free to move away from the labouring bed
- True ambulatory monitoring up to 100 metres range
- Dual function transducer storage and re-charging position
- Compatible with both the **TeamCare** and **TeamCare Duo**

sonicaid Centrale



CTG analysis is also available as an option in **sonicaid Centrale** with many added benefits:

- The analysis is stored along with the CTG for subsequent retrieval for training, expert review and audit
- The analysis can be run simultaneously on up to 48 CTGs
- **sonicaid Centrale** also provides a unique trend view with proven predictive value in managing 'at risk' pregnancies

For further information refer to our **sonicaid Centrale** brochure.

sonicaid™ FM800 Encore Series

High performance acute fetal/maternal intrapartum monitoring

The **sonicaid FM800 Encore** 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.

In the fast-paced environment of the labour ward, you need equipment that's easy to use and data that is quick to read. The **sonicaid FM800 Encore** gives you comprehensive fetal/maternal monitoring and analysis in one technologically advanced yet simple to use monitor.

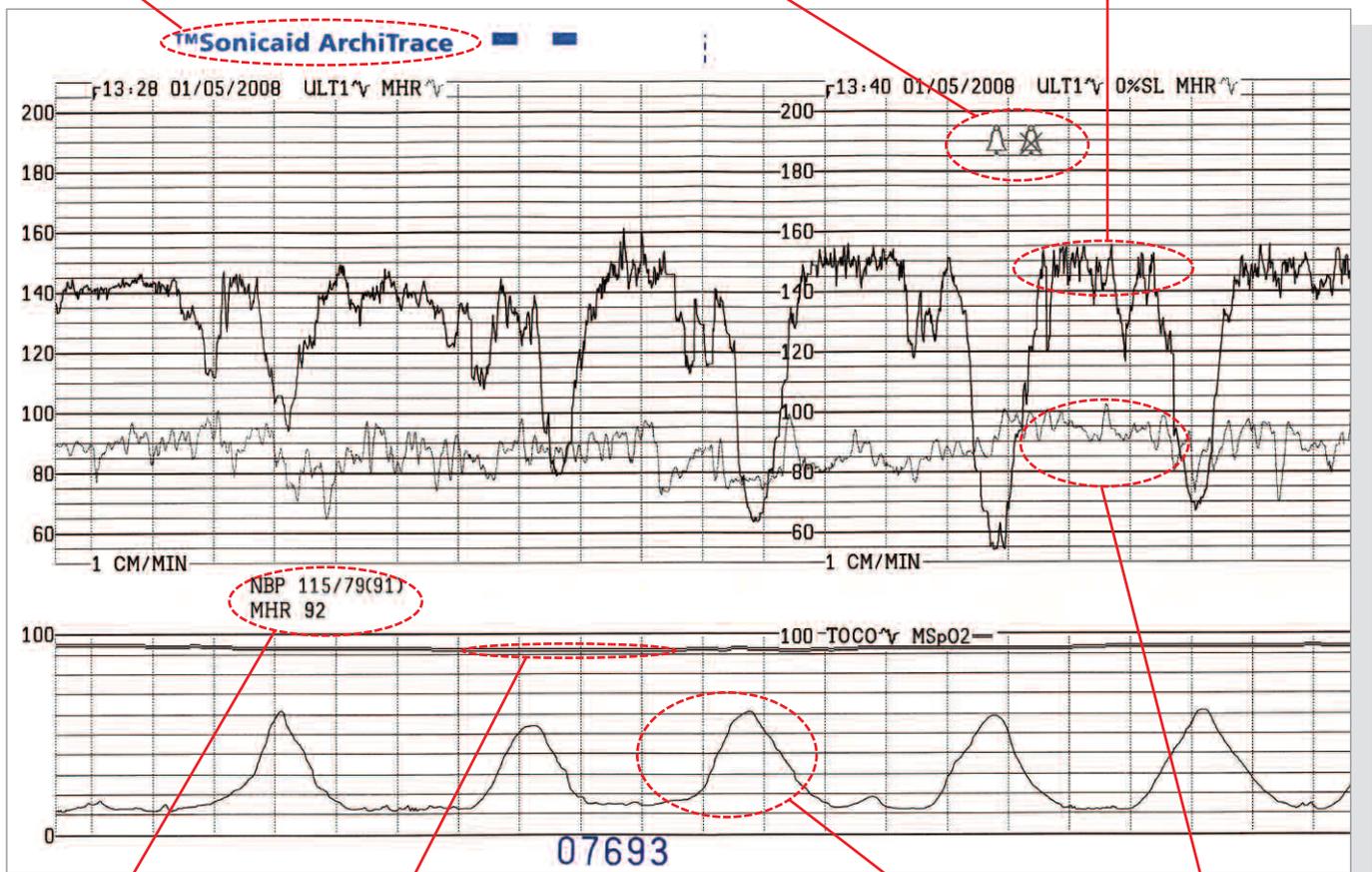
- Using the very latest in ultrasound technology, the **sonicaid FM800 Encore** gives increased performance. The wider, deeper uniquely designed ultrasound beam shape makes it easy to locate and maintain contact with the fetal heart in mothers of all sizes.
- Superbly accurate fetal ECG that works in the most demanding of environments – perfect for the busy labour room.
- User defined alarm settings are held in memory for each new recording.
- Unique **Intelligent Fetal Analysis (IFA)**, providing fetal data analysis to support professional assessments.
 - Care Antepartum CTG analysis provides an objective, numerical and consistent assessment of the CTG. Clinicians can rely on a large database of collective experience to support their own visual assessment.
 - Trend intrapartum analysis provides clear periodic changes over time in the FHR. For use during the first stage of labour, clinicians are quickly highlighted to critical changes in the FHR.



Architrace 25 year grade paper

Alarm triggered and acknowledged indicators

Advanced FHR algorithms



Maternal blood pressure

Maternal Pulse Oximetry

Uterine Activity Trace

Maternal Heart Rate Trace

Clear colour screen graphics make it easy to monitor both mother and babies vital signs at a glance. Transducers match on-screen colours for fast, error-free recognition

Connecting to sonicaid Centrale (now also via LAN) enables electronic data storage, reducing paper print-outs, giving even lower running costs and less environmental impact.

Quick-view trace display allows instant review at the touch of a button.

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.

Twin ultrasound plus separate fetal/maternal ECG channels come as standard. Both fetal and maternal ECG waveforms can be displayed on screen and as a "snapshot" printout for improved hook-up and monitoring

Colour coded transducers coordinate with screen for fast, error-free recognition. Waterproof design make for thorough and easy cleaning – essential for infection control

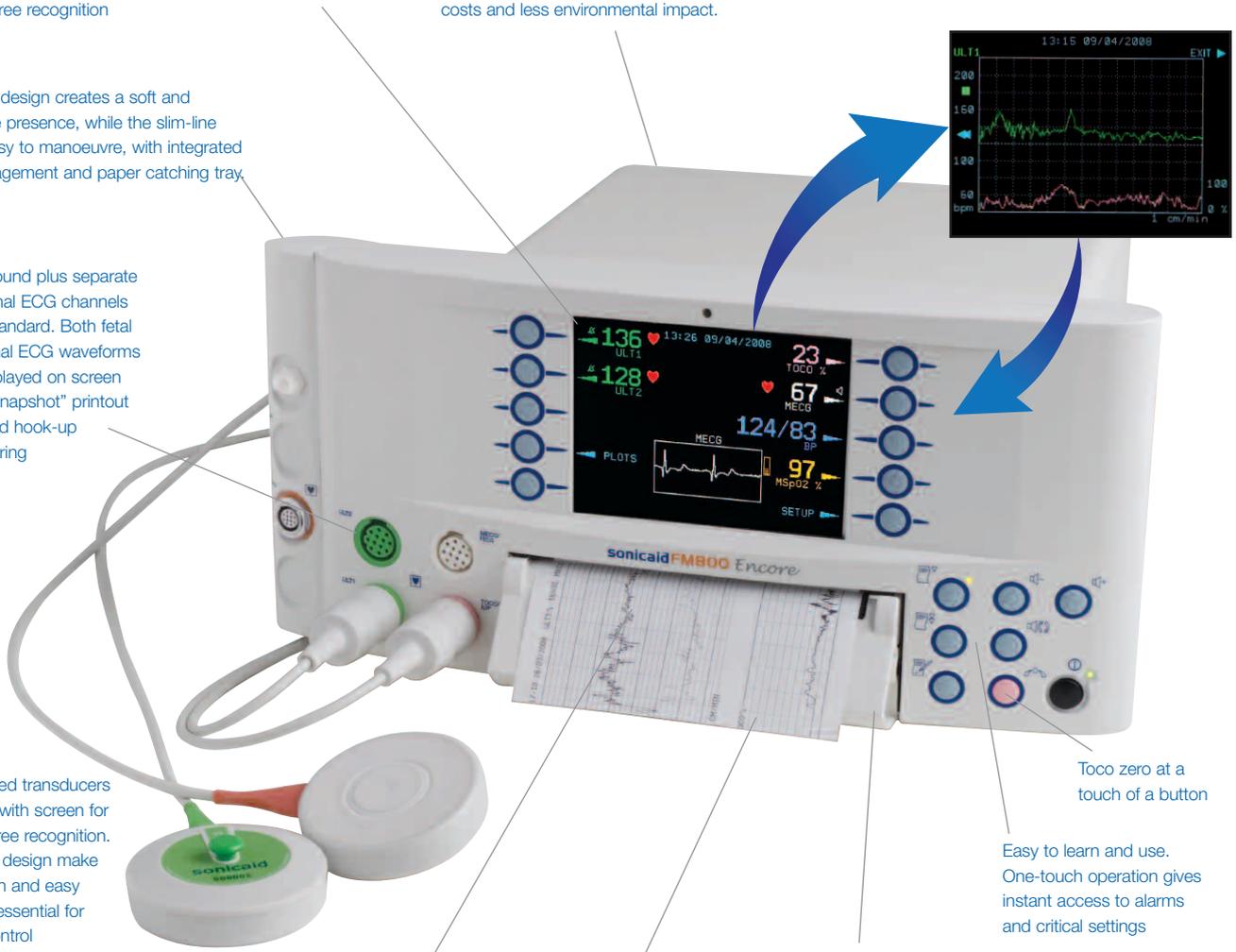
Records can be annotated from Easinotes, a programmable library of clinical notes, available at the touch of a button

User selectable Twin fetal heart rate scales provide the clearest differentiation between two heart rates

Memory feature enables paper change with no loss of data

Easy to learn and use. One-touch operation gives instant access to alarms and critical settings

Toco zero at a touch of a button



The **sonicaid FM820 Encore** offers twin ultrasound and separate ECG channels, allowing fully flexible monitoring of mother and fetus. In addition it also provides external and internal uterine activity monitoring. Automated sonicaid Actogram and maternally sensed fetal movements also come as standard.



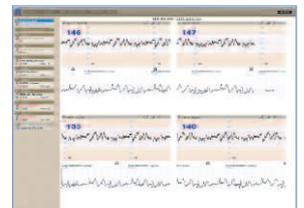
For close monitoring of the mother as well as the fetus, the **sonicaid FM830 Encore** is a fully integrated system which allows the simultaneous monitoring of maternal ECG, pulse oximetry and blood pressure without the need for additional standalone devices.

Wireless Transducers



- Safe low voltage monitoring, ideal for the water birthing environment
- Patient free to move away from the labouring bed
- True ambulatory monitoring up to 100 metres range
- Dual function storage and re-charging position
- Compatible with both the FM820 and FM830

sonicaid Centrale



sonicaid Centrale fully supports the latest fetal monitoring techniques and data sets including FSpO2, maternal vital signs and STAN analysis data. A wide range of options allow it to be expanded to provide a comprehensive, fully integrated labour management system. For more information ask for our **sonicaid Centrale** brochure.

sonicaid™ Fetal Assist

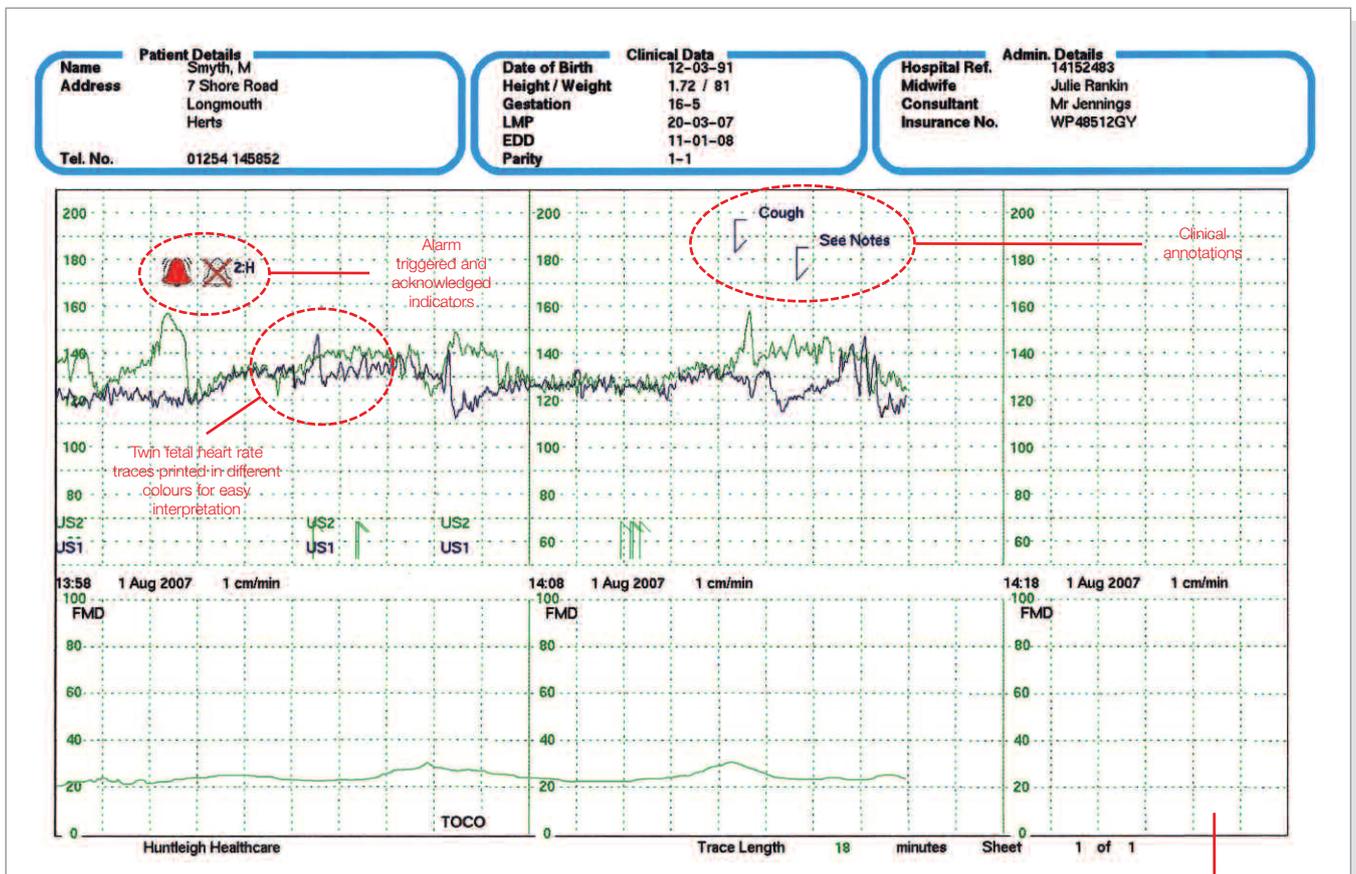
Remote/tele fetal monitoring

Fetal Assists unique portability, battery operation and compact design open up new application areas such as tele-fetal monitoring and ambulatory monitoring. It's full featured specification, including twins capability, makes it one of the most technologically advanced fetal monitors in the world, yet with user friendly software it is totally intuitive to use, for mother or midwife.



Included as standard, full antepartum capability, alarms, automatic fetal movement detection and on-screen trace annotation.

- Twins capability as standard
- Integral patient database with trace storage for up to 200 CTGs
- Roll stand and docking station converts **Fetal Assist** into a traditional bedside monitor
- Local CTG printed traces available via connection to a PC compatible printer
- GSM modem allows remote transfer of CTG from patient's home or clinic, for viewing, expert referral and documentation
- Waterproof transducer and splash proof case available, for safe low voltage monitoring in the water-birthing environment
- Maternally sensed and automatic fetal movement detection
- Fetal Tachycardia, Bradycardia, Loss of Contact and twins cross channel rate verification alarms
- Internal battery enables four hours of continuous monitoring when not connected to mains power





sonicaid Cordflow Assist

The **Fetal Assist** is much more than just a fetal monitor. It is a modular system and other user interchangeable modules are available to further expand its range of applications.

By simply swapping to the Cordflow module, the **sonicaid Assist** becomes a lightweight and easily portable colour spectral Doppler system. Being simple to use, it does not require a qualified ultrasonographer, and enables assessment in the community or in the hospital.

Applications:

- Umbilical artery Doppler, detection and management of pregnancies at risk of intrauterine growth restriction
- Uterine artery Doppler, can assist in screening for the risk of preclampsia



Benefits:

- Lower cost than traditional Duplex scanning
- Reduce unnecessary referrals for Duplex scanning
- Combined with the **Fetal Assist** provides a unique low cost portable antenatal screening / management package for use in the home, office, clinic or hospital

sonicaid Centrale



sonicaid Centrale provides the receiving station capability at the hospital for receiving traces over the phone from the **Fetal Assist**.

This can be configured as a stand-alone system, or as part of a fully integrated antenatal and labour management system to provide seamless continuity of care from community antenatal care right through to labour and delivery in the hospital.

Traces received can be automatically printed on receipt and are automatically archived for later retrieval for training and expert review. The CTG analysis option can also be used to provide a robust and objective assessment of traces received.

For further information refer to our **sonicaid Centrale** brochure.

sonicaid Fetal Monitor Selection Chart

Feature	BD4000xs A	BD4000xs I	Combo	TeamCare	TeamCare Duo	Team IP	FM820 Encore	FM830 Encore	Fetal Assist
Singleton ULT	●	●	●	●	●	●	●	●	●
Twins ULT	○	○	○		●	●	●	●	○
External TOCO	●	●	●	●	●	●	●	●	●
Patient event marker	●	●	●	●	●	●	●	●	●
Automatic fetal movement detection	●	●	●	●	●	●	●	●	●
Integrated Printer	●	●	●	●	●	●	●	●	
Twin FHR printed on two separate scales	●	●	●		●	●	●	●	
Clinical Annotations	●	●	●	●	●	●	●	●	●
Fetal ECG	○	●	●			●	●	●	
IUP	○	○	○			●*	●*	●*	
Maternal ECG			●			●*	●*	●*	
Monitored parameter Alarms	●	●	●	●	●	●	●	●	●
Maternal pulse, BP & SpO ₂	○	○	●					●	
Maternal Temperature	○	○	●						
Central monitoring Interface	●	●	●	●	●	●	●	●	●
Maternal Vital Signs Monitor Interface	●	●	●						
 Care Antepartum CTG Analysis				●	●	○	●	●	
 Trend Intrapartum FHR parameter trending				○	○	●	●	●	
Trolley mounting available	○	○	○	○	○	○	○	○	○
Wall mounting available	○	○		○	○	○	○	○	
Wireless Transducers				○	○		○	○	
Portable									●
Remote data transfer									●
Battery Operation							○	○	●

Key: ● Standard ○ Option * Optional MECG/IUP cable required, to be ordered separately

Contact us for full technical specifications

HUNTLEIGH ...with people in mind

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