

sonicaid™ FM800ADAPT

FETAL/MATERNAL MONITORS

The unique
fetal/maternal
monitor range
from Sonicaid
with new ADAPT
technology



sonicaid™

sonicaid™ FM800ADAPT Des midwives by obstetricians and

④ Unobtrusive design using feedback from mothers has resulted in the smallest monitor in its class, improving the birthing environment for mother, family and staff.

③ Clear screen graphics make it easy to monitor both mother and baby vital signs at a glance.

② Twin ultrasound plus fetal and 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.

① Easily upgrades to include maternal blood pressure, temperature and pulse oximetry using the latest motion tolerant technology.



⑫ Colour coded transducers for easy recognition. Fetal movements can be automatically sensed using the standard SonicaidActogram* software.

⑪ Records can be annotated from EasiNotes, a programmable library of clinical notes, available at the touch of a button.

⑩ Twin fetal heart rate scales provide the clearest differentiation between two heart rates and avoids the difficulty of interpreting offset or overlapping traces.

Unique technology

Transducers - Working with scientists at the UK's National Physical Laboratory, the FM800's new ultrasound transducers have been designed using advanced computer mathematical modelling techniques. The transducers have a precisely shaped ultrasound beam with uniform coverage and superb sensitivity.

Designed for obstetricians and midwives...



5 Standard fully tested protocols means **sonicaidFM800** can be connected to all major obstetric management systems. Interfacing is quick and easy with the standard RS232 or optional RS422 socket for direct network connection.

6 One-touch operation gives instant access to alarms and critical settings.

7 Standard operation without having to access complex menus, gives you more time to spend at the bedside.

8 Toco zero at the touch of a button.

9 Memory feature enables paper change with no loss of data.

Born from more than 30 years experience of fetal monitoring and recent application of our unique ADAPT technology, SonicaidFM800ADAPT marks the birth of a new generation of fetal monitors.

ADAPT technology has been developed over the past five years using advanced research and computer modelling techniques. Using 'Advanced Adaptive Processing Technology', ADAPT has enabled us to produce a fetal monitor with the world's most accurate acquisition of fetal heart rate using ultrasound.

SonicaidFM800ADAPT combines this leap forward with the good looks of the FM800. To round off this complete monitoring package, our unique fetal heart rate analysis is now standard on all FM800 models.

Here are just some of things you'll love about SonicaidFM800ADAPT:

- Option for maternal vital signs
- Easy to learn and use, leaving you more time with mother and baby
- Unique ergonomic design creates a soft and unobtrusive presence
- Clear screen graphics make it easy to monitor both mother and baby vital signs at a glance
- Simultaneous FECG and dual ultrasound ensures continuous recording during scalp electrode connection to first twin
- Memory feature enables paper change with no loss of data
- The trace records can be annotated from EasiNotes, a programmable library of clinical notes, available at the touch of a button
- User-defined alarm settings are held in memory for use in each new monitoring session
- A 2 year warranty provides peace of mind

Why... Proven benefits

Fetal Heart Rate Algorithm - The FM800's new ADAPT™ technology uses advanced signal processing and pattern recognition techniques. ADAPT has been developed and extensively tested:

- using a proprietary database of synchronized Doppler ultrasound and trans-abdominal fetal ECG created in the UK in collaboration with the Queen's Medical Centre, Nottingham and the School of Electrical and Electronic Engineering at the University of Nottingham in the UK
- using feedback from field tests at a number of leading hospitals throughout the world



... to suit every monitoring need

The SonicaidFM800 range is designed to provide flexible solutions for your fetal monitoring needs today and in the future. A choice of models allows you to select the facilities you require, from standard fetal monitoring capabilities to high-risk fetal and maternal care, and because the range is modular, each monitor can be upgraded as and when your needs change.



SonicaidFM820 Advanced Fetal Monitoring

To help you with the management and care of all pregnancies, you need comprehensive and adaptable fetal monitoring facilities. The SonicaidFM820 offers twin ultrasound and ECG channels, allowing fully flexible monitoring of mother and fetus. In addition it also provides external and internal uterine activity monitoring. Automated SonicaidActogram* and maternally sensed fetal movements also come as standard. Choose the SonicaidFM840 model if you want to add the fetal pulse oximetry option*.



SonicaidFM830 Advanced Fetal Monitoring with Maternal Vital Signs

For close monitoring of the mother as well as the fetus, the SonicaidFM830 is a fully integrated system which allows the simultaneous monitoring of maternal ECG, pulse oximetry, blood pressure and temperature without the need for additional standalone devices. Choose the SonicaidFM850 model if you want to add the fetal pulse oximetry option*



Care and Trend Fetal Heart Rate analysis

Care (antepartum) and Trend* (intrapartum) analysis packages ensure a consistent approach to reading FHR patterns by all staff, and provide reassurance in reading difficult and rare traces. Supplied as standard.



Telemetry Option*

The new generation Rimkus T610 telemetry system enables freedom of movement for the mother with the reassurance of continued monitoring of the fetal heart and uterine activity. The receiver unit doubles as a battery charger ensuring the extremely lightweight and small transmitter is always ready to use. Safe to use for labouring mothers in water.



ArchiTrace™

ArchiTrace™ 25 year archival paper represents a true advance in paper technology. Matching the accepted standards and statutory requirements of most health systems around the world, this paper is guaranteed legible for a minimum of 25 years under correct storage conditions.



ADAPT™

New ADAPT technology has enabled us to produce a monitor with the truest available ultrasound representation of the fetal heart rate. In addition, ADAPT rapidly acquires and reliably holds on to the fetal heart rate providing you with a more complete record in all types of monitoring situation, including the most demanding such as early gestation and obese mothers. This combination helps improve interpretation for more informed clinical decision making.

* Not available in the USA or Canada

This product complies with the EN 60601-1, UL 2601-1 and CAN/CSA 22.2 NO. 601.1 safety standards. The CE mark indicates that it meets the essential requirements of European Council Directive 93/42/EEC of 14 June 1993 concerning medical devices. Huntleigh Healthcare operates a quality system certified to ISO 9001:2000, ISO 13485:2003, and the TickIT Guide Issue 5. Sonicaid, Architrace™, Adapt™ are registered trademarks of Huntleigh Healthcare. Microsoft and Windows are registered trademarks of Microsoft Corporation. For the USA the following applies: CAUTION: Federal law restricts this device to sale by or on the order of a physician.

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