



sonicaid®

Fetal Monitoring Range

For the moments that matter



sonicaid®

A parent will never forget the first time they hear their baby's heart beating. We recognise the importance of these special moments, which is why we have developed products that give outstanding performance when you need it most, every time!

Performance for life is at the core of every Sonicaid product. While our products are primarily designed and manufactured to assist in the safe delivery of a new life, absolute care and attention to detail is paramount to ensure that the high levels of performance are consistent throughout the life of the product.

Comprehensive suite of fetal monitoring solutions



Handheld Dopplers

Our range of digital handheld Dopplers includes 3 models which are rechargeable as standard, and can be supplied complete with a medical grade mains charger and cable. Audio only models are also available.

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Fetal & Fetal/Maternal Monitors

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.

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Software Systems

Complementing the Sonicaid range of Dopplers and fetal monitors, our obstetric information management solutions have been developed to provide a comprehensive clinical record throughout pregnancy.

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Dawes-Redman[®] Trace Interpretation

...your expert eye



"Having identified the problems with traditional CTG interpretation, and after dedicating over 35 years' on-going research with the team at Oxford University, I'm delighted to see our analysis increasingly being used worldwide in Huntleigh's products... knowing the benefit this gives in helping babies to enter the world safely & avoiding some of the tragic outcomes we see when CTG interpretation goes wrong."

Professor Chris Redman

"The Dawes-Redman Analysis is a robust and valuable system which is used here at King's Mill Hospital on a daily basis in the antenatal day unit. We have used this system for more than 10 years and it has proved invaluable in providing midwives and clinicians with robust and objective trace information when assessing mums. It provides tremendous reassurance to myself & my team and has proved to be a vital addition to our clinical procedures & practices."

Consultant Obstetrician



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Dawes-Redman[®]
CTG Analysis
...your expert eye

What Is Dawes-Redman[®] CTG Analysis?

It is a unique software tool which provides a numeric analysis of the CTG trace and a robust interpretation based on the world renowned Dawes-Redman[®] Criteria.

This is the result of the largest study of its type ever undertaken, conducted by Professors Dawes, Redman et al, at Oxford University.

Why Is It Needed?

- Because the traditional approach of assessing a trace by eye is based on highly subjective opinion. This has been shown to be a major problem.
- Because communication based on subjective opinion ("It looks a bit flat") has also been shown to be associated with poor outcomes.
- Because training is often very limited.

Dawes-Redman Analysis Can Help By Improving Outcomes

- It is a powerful aid to pregnancy management and has the potential to avoid poor outcomes.
- Can be used up to and including the latent phase of labour.³

Increasing Efficiency

- With results in as little as 10 minutes it can speed up the time taken to perform CTGs.

Avoiding just one poor outcome can save £, \$, € millions.

"I soon realised it's potential and benefits...this can greatly reduce the time for women being monitored and reduce the length of their visit... I learned from the system and rather than replace my clinical judgement it supported it...I would recommend the fetal care system for use in any antenatal setting."

Antenatal Day Unit Manager

Hear the difference -
Performance
when you need
it the most



The NEW SONICAID Digital Doppler - A new dimension in sound and vision

Combining best performance in probe sensitivity, audio clarity and a new visual representation of the fetal heart rate. The colour screen displays provides a **BIG NUMBERS** view and when required an innovative **TRACE CAPTURE** view, enabling intermittent auscultation examinations to be electronically documented on our software package, **Sonicaid FetalCare 3**.

All digital models are rechargeable as standard, and can be supplied complete with a medical grade mains charger and cable. Choose from rate and trace display Dopplers with interchangeable obstetric and vascular probe options or fixed 2MHz or 3MHz waterproof probe models.

Handheld and Desktop Dopplers

Our range of Digital Handheld Dopplers have been designed specifically to assist clinicians improve outcomes and efficiencies in maternity care – choose the model that suits your needs

Improvements help clinicians

The BIG NUMBERS mode displays the heart rate in a high contrast colour for optimum visibility, making it easy to see at arm's length, or in water birth environments. The clear backlit display reduces the risk of miss reading the fetal heart rate, especially in dimly lit environments. Its new 2MHz and 3MHz probes provide enhanced Fetal heart detection and audio clarity. Using our revolutionary Dynamic Digital Noise Reduction (DDNR) system, hiss and crackle while searching for fetal heart are reduced, but more importantly it reduces FHR noise and so provides optimum heart rate detection.

Reduce your running costs

Supplied with a medical grade charger, convenient battery charging through the integral USB port and improved power consumption per use, contribute to lower operating costs.

Need to document activity?

Healthcare organisations are driving the move towards electronic recording systems as evidence of activity. The Sonicaid Digital Doppler series provides a future-proof investment as it has the capability to record and download short FHR traces for transfer to our Sonicaid FetalCare 3 software package.* This can provide documented evidence of the examination and will become an integral part of the electronic patient record.



Audio, Rate and Desktop Dopplers



Our audio only models are available with fixed 2 or 3MHz waterproof probes. Our high sensitivity probes provide excellent audio quality and ensure easy and reliable detection throughout pregnancy.



The **Sonicaid One** is a rate display Doppler with a fixed 2MHz probe. This compact fetal Doppler has been designed to fit easily into the clinician's pocket. Its wide beam coverage enables quick location of the fetal heart from early gestation to full term.



The **MD200** is ideal for clinicians requiring a larger, mains powered Doppler unit. It provides enhanced fetal heart sounds and displays fetal heart rate.



Compatible with our wireless transducers, Sonicaid Freedom transducers offer flexibility in your choice of how to monitor mother and baby. The system consists of wireless fetal heart and contractions transducers and a receiver base system. This gives a more mobile and less restricted experience, enabling mum to assume positions of comfort in early labour.

- Freedom from cables
- Freedom to move around
- Enhanced safety and convenience for waterbirth monitoring



Sonicaid Team 3 Fetal/Maternal Monitor

High performance fetal/maternal monitoring

Stylishly designed not to dominate the bedside, Team 3 offers accurate & clear visual status of the fetus and mother. The range is full of features to provide cost-effective, reliable and accurate fetal/maternal monitoring.

Easy to use and intuitive via the icon driven touchscreen, the fetal heart rate can be displayed as "Big numbers" which autoscale for single, twins or triplet monitoring for optimum visibility.

- Triplet capable ultrasound monitoring
- Dual Fetal Movement markers (manual & automatic)
- High performance audio for the most sensitive fetal heart detection
- The latest most powerful release of the world-renowned Dawes-Redman® CTG analysis
- Mains / Battery operation*
- Integral patient database with trace memory with unlimited storage capacity*
- User configurable fetal & maternal alarm system
- Maternal BP and SpO₂ options

e-CTG variant also available - for paperless monitoring with no printer. (PC & software required)



Dawes-Redman® CTG analysis, exclusive to Sonicaid. Powerful Antepartum CTG Care analysis provides an objective, numerical and consistent assessment of the CTG.



TREND intrapartum function provides clear data on periodic changes over time in the FHR. For use during the first stage of labour.



The first fetal monitor with BP technology which measures blood pressure during cuff inflation and is clinically validated for use in pregnancy.¹



Trace bank internal memory and backup, allows "a lifetime" of fetal heart traces to be stored and archived.²

Entry Level Antenatal Monitoring

Sonicaid BD4000xs

Entry level fetal monitoring

The BD4000xs fetal monitor is ideal for antenatal clinic and doctor's office use. Its compact size and styling belie its ruggedness and robust design, using the same materials, construction and design expertise as our world-renowned handheld Dopplers.

- 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
- Software System Interface
- User-customisable trace annotation facility
- Automatic fetal movement detection
- Intuitive user interface and controls simplifying training
- Maternally sensed fetal movement marker
- Extra long plain thermal paper packs reduces running costs and guarantees 100% trace registration accuracy
- Trolley and wall mount options





Unique no compromise full size twin FHR scale printing



High Sensitivity Transducers

Incorporating multi crystal high sensitivity transducers; with a reduction in size are less obtrusive and provide added comfort during monitoring. The TOCO transducer with its smooth surface reduces noticeable marks and enhances comfort. Both transducers incorporate a unique belt button design aiding transducer placement.



WITH DAWES-REDMAN® TRACE INTERPRETATION
 - Identifying and reducing risk throughout pregnancy

Fetal Surveillance Software Solutions



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 Dawes-Redman
 C TG Analysis™
 ...your expert eye

Sonicaid FetalCare 3 is a CTG viewing and archiving system combining live reception and viewing of CTG traces from one or more fetal monitors. Full networking capability allows live traces & stored records to be viewed from one or more locations, including remote access for expert referral, consultation.

Sonicaid Centrale has been designed as a flexible operating platform on which a wide range of system configurations and options can be built. The entry level package provides a CTG focussed viewing and archiving system. Fully loaded, it provides a comprehensive networked antenatal & labour management system with links into hospital databases, outputs to national databases and other options, providing a totally integrated service.

Software Solutions

Archive, Review or Share

Complementing the Sonicaid range of Dopplers and fetal monitors, our CTG Viewing & Archiving Software Systems have been developed to provide comprehensive clinical record and incorporate the powerful Dawes-Redman® CTG analysis.

Modular software solutions for maximum flexibility and efficiency in the care of mother and baby.

Our software is designed to address every type of maternity environment, from simple single user platforms through to fully integrated installations. The platform is a highly scalable system which can increase process efficiency considerably and gives clinicians the ability to customise to suit local protocols, workflows or guidelines.

Access to information improves efficiency

Remote access enhances clinical responsiveness and can be shared over various sites and platforms, including tablets.



Features at a glance

- Dawes-Redman® Trace Interpretation
- Flexible
- Scalable
- Multi-lingual
- Customisable

For further information on our suite of Software Systems, please refer to our Software brochure, visit our website or contact our Customer Care Department.



Accessories and Consumables

Maximising fetal monitoring performance

Huntleigh's medical products are renowned for reliability and superior quality, values which are reflected in our accessory and consumables product range, backed by experience and support from one of the world's leading healthcare companies. Whatever your needs, Huntleigh will work with you to find the optimum accessories and consumables that are right for your applications, helping you seamlessly manage important fetal monitoring requirements. For the very best value, consumable supply contracts are available in selected markets.

Our Accessories Include:



Gel - it is essential to use the highest quality ultrasound gel to get the best performance out of your Doppler or fetal monitor. Our gel is available in a range of packs, from 60ml tubes to 5ltr refill containers.



Our "Longlife" CTG paper is guaranteed to retain clarity of CTGs for up to 25 years. Our 45m long packs last 3 x times longer than other makes, giving 72 hours continuous trace recording (at 1cm/min). For use in Team and FM800 series fetal monitors only.



Huntleigh's transducer belts prove their value every day both in labour and delivery rooms. Options include latex free reusable or disposable belts with stretch button holes for quick and easy transducer attachment.

By choosing our range of accessories and consumables, you ensure that you will get the very best performance and longevity from your product. Note that use of unauthorised 3rd party accessories may effect the performance, quality and reliability of your product and may invalidate your warranty.



Huntleigh's comprehensive accessories and consumables catalogue is available to download at:

www.huntleigh-diagnostics.com

or by request via:

sales@huntleigh-diagnostics.co.uk

As a proud member of the Arjo family, we have been committed to supporting healthcare professionals in improving outcomes and enhancing patient wellbeing since 1979. We do this through our proven solutions for Vascular Assessment & Treatment and Fetal & Patient Monitoring. With innovation and customer satisfaction as our guiding principles, we strive for clinical excellence and improved performance, for life.

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As our policy is one of continuous improvement, we reserve the right to modify designs without prior notice.

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References:

- 1 - "lifetime" storage capability is dependent on use and on implementing appropriate archiving procedures.
- 2 - "Clinical study of NIBP at pregnant patients" - Par Medizintechnik GmbH.
- 3 - As defined in UK's NICE CG190 Guidelines.