

sonicaid Freedom

Wireless Fetal Monitoring Solution

HUNTLEIGH



...performance for life

Sonicaid Freedom



Wireless Fetal Monitoring Solution

Sonicaid Freedom transducers offer flexibility in your choice of how to monitor mother and baby.

The system consists of wireless fetal heart rate and contractions transducers and a receiver base system.



Our waterproof wireless transducers allow the fetus to be continuously monitored while mum is bathing, showering or on the move, and provides the widest choice of birthing positions.

Sonicaid Freedom is designed for use with the TEAM3 Series of fetal monitors from Huntleigh.



Why Sonicaid Freedom?

Using wireless connectivity it is possible to monitor the fetal heart wherever mum might be, within wireless range. The obvious advantage being less clutter than the cumbersome cable based traditional method and the ability to allow freedom

of movement for the mum. This gives a more mobile and less restricted experience, enabling mum to assume positions of comfort in early labour.

Go where traditional transducers cannot

- Eliminate cables between mum and the fetal monitor, giving total freedom for mum, whether in bed, sitting or walking.

Easy to use

- For both clinician and mum, the problems of a tangled mass of cables, trying to work out which plug belongs to which transducer, are completely eliminated!

Continuous reassurance

- Extended battery life in this new generation system provides continuous operation for up to 16 hours. Visual indicators on both the receiver and the transducers provide clear indication of battery charge state, signal reception, etc.

Waterproof

- Waterproof transducers provide safe and convenient water birth monitoring and easy cleaning and disinfection.

Improves birthing experience

- Mum's greater freedom delivers a hugely enhanced birth experience with the freedom to adopt more comfortable positions as labour progresses.

Ergonomic and comfortable

- Comfortable easy to use transducers ensure maximum convenience for mum.



...Freedom to move



...Freedom from the constraints of a bed



...Freedom from anxiety

sonicaid® Freedom

Technical Specification

	Transmitter and Receiver Units	
Mode of Operation	Continuous	
Temperature of Environment	10°C to 40°C	
Relative Humidity (operating / storage)	10% to 75% non condensation / 10% - 98% non condensing	
Storage Temperature	-10°C to 50°C	
Marking	CE0088	
	Ultrasound-Transmitter, SF1	Toco Transducer
Measurement	Pulsed Doppler Ultrasound	External measurement of uterine activity
Transmission	Cordless to receiver	Cordless to Ultrasound transducer
Range	Up to 30m, from underwater up to 8m (subject to local environment)	30cm (TOCO to US transducer)
Modulation	Digital, FSK	Digital, FSK
Antenna	Helix	Ferrite
RF-Transmitter	According to receiver	10kHz
Power Supply	Lithium polymer battery	Lithium Polymer battery
Operating Time	Up to 16hrs (with fully charged battery)	Up to 16hrs (with fully charged battery)
Protection against dust and water	IPX8 (1m for 16 hours)	IPX8 (1m for 16hours)
Dimensions	Ø75 x 20mm	Ø75 x 22mm
Weight	105g	92g
	Receiver	
RF-Receiver	ISM: 434.05 - 434.7 MHz Bands; 26 Channels	
Channel Selection	Rotary switch	
Power Supply	100V...240V, 50...60Hz, 10VA	
Stand-by Power Consumption	<0.8W	
Antenna	Gainflex	
Charging Controller	For Ultrasound & Toco transducers	
Protection against dust and water	IP30	
Charging Time	Maximum 3hrs regulated	
Operation	Automatic, no controls	
Dimensions	250 x 200 x 85mm	
Weight	1kg	



Accessories / Consumables

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

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