

SonoTrax handheld Doppler is an advanced obstetrical unit, which can meet routine examination requirements of obstetricians, midwives, and even pregnant women themselves. There are three different models available. SonoTrax Lite is for simple auscultation (intermittent listening). SonoTrax Basic is a high performance model with FHR digital LCD display. It has three heart rate processing modes: real-time FHR display mode, averaged FHR display mode, and manual mode. SonoTrax Pro is a all-purpose model with five heart rate processing modes: real-time FHR display mode, averaged FHR display mode, and manual mode, audio playback mode, and communication mode. In audio playback mode, users may record 240 seconds of Doppler audio signal and playback repeatedly, which makes diagnose more convenient and more accurate. Via RS232 interface, SonoTrax may communicate with PC. It transmits recorded Doppler audio data to PC for diagnosing and archiving. All of the three models have audio output, and can connect with earphone or recorder with audio input. SonoTrax is slim, power saving, and with interchangeable ultrasonic probe.

SonoTrax *Handheld Fetal Heart Rate Doppler*

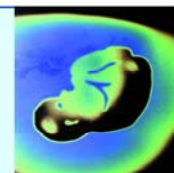


Connecting

heart to heart

Features

- *Easy-to-use*
- *Compact size and 9V battery operating, capable of 250 examinations*
- *Accurate FHR detection and LCD display*
- *Battery energy indication*
- *Interchangeable ultrasonic probe*
- *Built-in speaker*
- *Automatically Power-off*
- *Automatically recording and playback*
- *Optional Ni-H rechargeable battery and charger*



SonoTrax

Handheld Fetal Heart Rate Doppler



SPECIFICATION

LCD Display

Display Dimension	45mm X 24mm
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Ultrasound

Working Mode	Continuous Wave
Wafer	Φ20/2
Frequency	2 MHz
Transmitting Power	< 10mW/cm ² (Isata)
FHR Range	50 ~ 210 bpm

Audio

Audio Output Power	1W
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Recording Mode

Sampling Frequency	8KHz
Recording Duration	240s

Communication

RS232	9600bps
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Operation Environment

Operation Temperature	5 ~ 40 °C
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Power

Power	9V DC
Continuously Operating Time	>4 hour

Dimension

Height	138mm
Weight	85mm
Depth	31mm



Type	Function	
Fetal Heart Rate Doppler	SonoTrax Lite	FHR Detection: Speaker output/ Earphone output Continuous operation time>240 min
	SonoTrax Basic	FHR Detection: Speaker output/ Earphone output LCD display, Three working modes: Real-time FHR Display Mode, Averaged FHR Display Mode, Manual Mode Continuous operation time>240 min
	SonoTrax Pro	FHR Detection: Speaker output/ Earphone output LCD display, Five working modes: Real-time FHR Display Mode, Averaged FHR Display Mode, Manual Mode, Audio playback Mode (240s Playback), Communication Mode (Built-in Network capability) Continuous operation time>240 min

Standard Configurations : Main Unit, Probe

Optional Configurations : Earphone, Canvas Bag, 9V Alkaline Battery, Rechargeable Battery, Charger

Available From Majac Medical Products

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