

# EchoSounder® ES-101EX-2

Pocket size Fetal Doppler



The EchoSounder ES-101EX by Koven Technology, Inc. is a true technological breakthrough. It is the first fetal Doppler to successfully integrate our widely renowned Doppler technology with a built-in transducer and speaker to form a single compact unit.

The EchoSounder is the size of a cell phone. Slip it conveniently into a pocket. Yet, despite its compact size, the ES-101EX delivers high quality sound.

Cost effective, reliable, and convenient.

## Convenient cell phone size

Always ready for use; slip into a pocket or use the belt clip carry case

## Built-in transducer

No separate probe to connect

## Large, easy-to-read fetal heart rate display

Heart rate is displayed based on 4-beat average

## Battery operated and cordless

The convenient carry pouch can be easily attached to a belt loop or simply slip the unit into a pocket



## Specifications

<b>Power:</b> DC 3V, 2 AA alkaline batteries	<b>Speaker:</b> 45 mm DIAM	<b>Volume control:</b> Press to switch from low to high volume
<b>Consumption:</b> Approx. 90 mA with no signal input	<b>Headset:</b> Cuts off speaker	Press longer than 2 sec. to show battery level
<b>Battery life:</b> 5 hours or more with max. sound volume	<b>LCD dimensions:</b> Display area: H 10mm x W 30mm	Press longer than 2 sec. to show battery level
<b>Transducer:</b> 20 mm DIAM	<b>LCD display:</b> 3 digits, 7 segments each, heart beat mark, low battery, sound volume level	<b>Dimensions:</b> 140(H) x 45(W) x 30(D) mm
<b>Transducer freq.:</b> 2.25 MHz	<b>Heart rate range:</b> 60 to 240 BPM +/- 3%	<b>Weight:</b> 220 grams or less including battery
<b>Method:</b> Pulsed wave, repetition rate of approx. 4.3 kHz	<b>Buttons:</b> Power ON/OFF, Pressing longer than 2 sec. turns the unit OFF	<b>Electrical safety:</b> Conforms to IEC60601-1
<b>Oscillation output:</b> 8Vp-p or less	<b>Power/freeze:</b> Power ON/OFF, Pressing longer than 2 sec. turns the unit OFF	
<b>Freq. Characteristics:</b> 230 Hz +/- 50 Hz to 800 +/- 150 Hz, -6dB		
<b>Max. speaker output:</b> Impedance: 64 ohms, Max. output: Approx. 125 mW		

## Order Information

**Includes:** ES-101EX (2 MHz) EchoSounder® Doppler

**Accessories (included):** 2-AA alkaline batteries, carry strap, carry pouch, 1-tube ultrasonic gel, operator's manual

**Accessories (optional):** Headset

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