

EchoSounder® ES-101EX-8

Pocket size 8 MHz Vascular Doppler



Convenient cell phone size

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

Built-in 8 MHz transducer

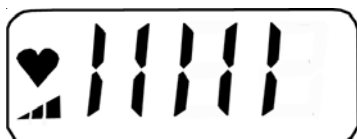
No separate probe to connect

Large, easy-to-read LCD display

View peak & mean blood flow velocity, velocity waveform motion and heart rate

Ideal for quick pedal pulse checks and ABIs

Large Visual Display



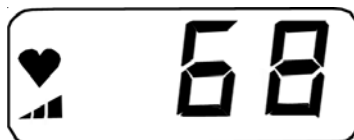
Velocity Motion



Peak Velocity



Mean Velocity



Heart Rate

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



Specifications

Ultrasonic frequency: Ultrasonic power:

8.2 MHz
102.5 mW/cm² (Ispta*, in situ)
* Ispta: Spatial Peak-Temporal

Power source:

Average Intensity
DC 3 V, AA alkaline batteries (1.5 V x 2 pcs)

Battery life:

5 hours or more with max. sound volume

Automatic shut-off:

No signal: 3 min.

Max. speaker output:

Approx. 250 mW

Heart rate range:

30 to 240 bpm +/- 3%

Velocity range:

0 to 99 cm/s +/- 15%

LCD display:

Velocity waveform motion, Velocity (Peak & Mean), Heart rate (bpm)
Sound level, low battery and heartbeat indicators

External output:

Headset (3.5 mm jack)

Operating environment:

10 to 40 degrees Centigrade
85% humidity or less with no condensation

Storage & transport environment:

0 to 50 degrees Centigrade
85% humidity or less with no condensation

Dimensions:

45 (W) x 138 (D) x 30 (H) mm

Weight:

Approx. 150 grams (including batteries)

Electrical safety:

Conforms to IEC60601-1
Equipment with an Internal Electrical Power Source
Type BF applied part

Order Information

Includes: ES-101EX (8 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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