

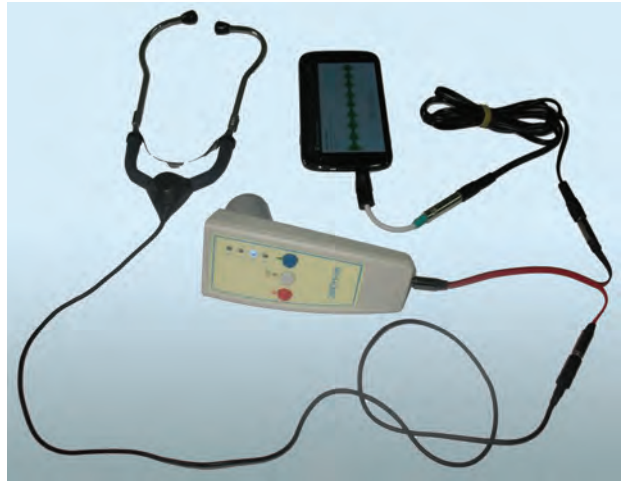
EPHON-08 ELECTRONIC STETHOSCOPE HARDWARE AND SOFTWARE COMPLEX

Areas of Application

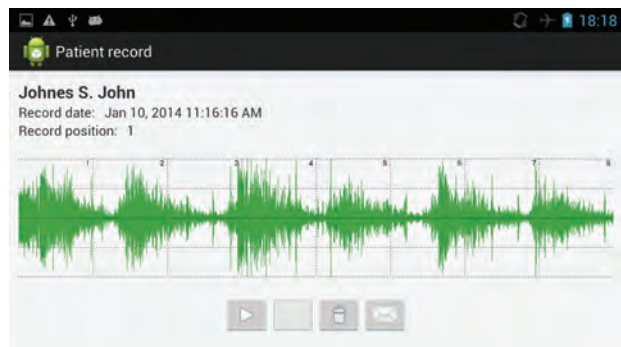
The *EPHON-08* Electronic Stethoscope is designed for listening to patient's respiratory and cardiac sounds in medical diagnostics

Specification

The device consists of signal receiver and amplifier, headphones, connecting cables, and special software. The electronic amplification (four levels with a 6 dB step) and its frequency filtering adjustable with the use of buttons on the main panel ensure comfortable listening to respiratory and cardiac sounds. LED indication is used for visual control of the operation mode. *EPHON-08* can operate individually or in coupling with a tablet or smartphone. This enables to document the patient's data, to record the phonograms, and to send them via Internet allowing medical staff to monitor, including remotely, the dynamics of disease



EPHON-08 electronic stethoscope coupled with a smartphone



Run screen of stethoscope software

IPR Protection

IPR1

Stage of Development. Suggestion for Commercialization

IRL3, TRL4

Seeking partners to produce the industrial models of stethoscope

Advantages

The ability of coupling with a wide range of devices provides the functionality comparable to that of commercial electronic stethoscopes at a much lower price. The software enables its flexible upgrade and addition of new features

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