



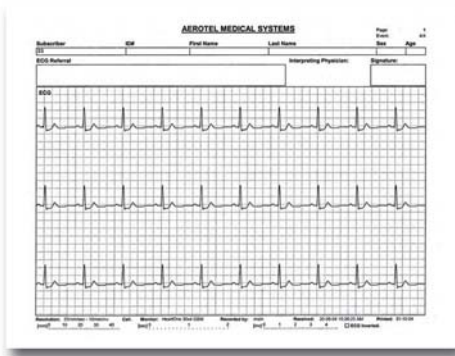
HeartLine

HeartOne™

Pocket Size Transtelephonic ECG Event Recorder/Transmitter

Innovative, Single Lead, Easy-to-Record Post Event ECG Recorder/Transmitter for Use at Any Time, Any Place

HeartOne is unique in its portability and capability of maximizing patient mobility. This state-of-the-art device is so small that it easily fits into a pocket, making it readily available for use at any time and any place. Patients simply place two thumbs on designated electrodes and push one button to record a rhythm lead. Recorded results can be transmitted to the HeartLine Receiving Station (HRS) from any standard telephone. HeartOne can be supplied with a patient cable designed to address high quality ECGs and people with special needs.



Applications

- Diagnosis of cardiac symptoms
- Remote home/clinic monitoring of chronic heart patients
- Post-myocardial infarction follow-up
- Arrhythmia detection

Features

- 2 electrodes (thumb & chest)
- 2 activation buttons
- Records and stores up to four 30 second rhythm strips
- Non-volatile memory
- Low battery indication

Benefits

- Easy-to-use
- Records any time, anywhere
- Pocket-size
- Portable

Technical Data

Electrical Characteristics

ECG Channel: Single Lead
 Frequency Response: 0.5 - 30Hz
 CMRR: >95dB Typical (@ 50Hz/60Hz)
 Input Dynamic Range: $\pm 2.5\text{mV}$
 DC Offset Correction: $\pm 200\text{mV}$
 Sampling Rate: 136 Samples/Sec

Output

Modulation: FM Tone
 Center Frequency: 1900 Hz
 Frequency Deviation: 100 Hz/mV

Memory

Storage Capacity: 120 Seconds (non-volatile)
 ECG Indicator: LED flashes when event stored in memory
 Memory Full Indicator: Snooze alert

Power

Battery Type: One Alkaline 1.5V Size AAA (Non-Volatile)
 Battery Life: >500 recordings/transmissions
 Battery Indicator: Turn on when battery is low

Physical Characteristics

Length: 63 mm
 Width: 63 mm
 Thickness: 13 mm
 Weight: 60 gr. (including battery)

Specifications subject to change without prior notice.
 FDA Cleared, CE Mark

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