



# HeartLine

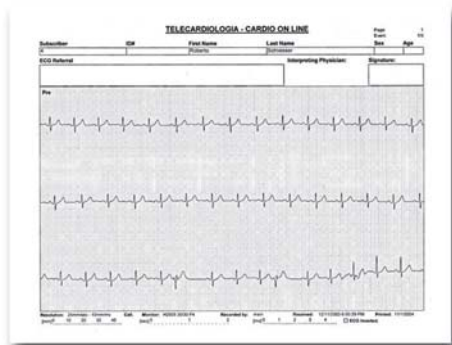
## Heart 2005A™ & Heart 2006™

Single/Dual Lead Transtelephonic ECG Loop Event Recorder/Transmitter

User-Friendly Loop Event Recorder for Accurate Documentation of Transient Cardiac Symptoms

Heart 2005A and Heart 2006 are long-term transtelephonic single/dual lead ECG loop event recorders, especially designed for documentation of infrequent symptomatic arrhythmias. They are the solution of choice for documenting transient cardiac symptoms and their correlation to the patient's ECG.

Simple to use, the patient presses a button once symptoms begin in order to record all pre and post ECG segments.



## Technical Data

Feature	Heart 2005A	Heart 2006
<b>Electrical Characteristics</b>	<p>ECG Channel: Single Lead</p> <p>Frequency Response: 0.05 - 40Hz</p> <p>CMRR: &gt;80dB Typical (@ 50Hz/60Hz)</p> <p>Input Dynamic Range: <math>\pm 3\text{mV}</math></p> <p>DC Offset Correction: <math>\pm 300\text{mV}</math></p> <p>Sampling Rate: 250 Samples/Sec</p>	<p>ECG Channel: Dual Lead</p> <p>Frequency Response: 0.05 - 40Hz</p> <p>CMRR: &gt;80dB Typical (@ 50Hz/60Hz)</p> <p>Input Dynamic Range: <math>\pm 3\text{mV}</math></p> <p>DC Offset Correction: <math>\pm 300\text{mV}</math></p> <p>Sampling Rate: 250 Samples/Sec</p>
<b>Output</b>	<p>Modulation: FM Tone</p> <p>Carrier Frequency: 1900 Hz</p> <p>Frequency Deviation: 100 Hz/mV</p> <p>Transmission Speed: x1 (optional x4)</p>	<p>Modulation: FM Tone</p> <p>Carrier Frequency: 1900 Hz</p> <p>Frequency Deviation: 100 Hz/mV</p> <p>Transmission Speed: x4</p>
<b>Memory</b>	<p>Storage Capacity: 240 Seconds</p> <p>Memory Type: Non-Volatile (flash)</p> <p>Modes: Single event, 180/60 seconds or 4 events, 30/30 seconds each. (user selectable)</p> <p>ECG Indicator: LED flashes when event stored in memory</p> <p>Memory Full Indicator: Snooze alert</p>	<p>Storage Capacity: 480 Seconds</p> <p>Memory Type: Non-Volatile (flash)</p> <p>Modes: Two events, 180/60 seconds or 8 events, 30/30 seconds each. (user selectable)</p> <p>ECG Indicator: LED flashes when event stored in memory</p> <p>Memory Full Indicator: Snooze alert</p>
<b>Power</b>	<p>Battery Type: One Alkaline 1.5V Size AA</p> <p>Battery Life: 1 month*</p> <p>Low Battery Indicator: LED flashes when battery is low</p>	
<b>Physical Characteristics</b>	<p>Length: 75 mm</p> <p>Width: 68 mm</p> <p>Thickness: 17 mm</p> <p>Weight: 80 gr. (including battery)</p>	
<p>* Using Duracell Ultra M3 or Energizer e<sup>2</sup> Titanium X91 battery</p>		

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

## Applications

- Detection of infrequent symptomatic arrhythmias
- Post-myocardial infarction follow-up
- Unexplained chest pain (ST-Segment recording capability)
- Cardiac rehabilitation
- Arrhythmia therapy monitoring

## Features

- Single Lead (Heart2005A) or Dual Lead (Heart2006)
- Non-volatile (flash) memory
- Storage capacity:
  - Heart 2005A: 4 events of 30/30 seconds or one event of 180/60 seconds
  - Heart 2006: 8 events of 30/30 seconds or 2 events of 180/60 seconds
- One-month battery life
- x4 transmission speed option

## Benefits

- Easy-to-use
  - Superior ECG quality and baseline stability
  - Long-term monitoring
  - Cost effective
  - Small, portable & convenient
- Heart 2006 has two channels for enhanced diagnostics

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