



## HeartOne™

### Pocketsize Transtelephonic ECG Event Recorder

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

HeartOne is unique in its portability and capability of maximizing patient mobility. This state-of-the-art device does not require a patient cable. It's 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 telephones.

#### Applications

- Diagnosis of cardiac symptoms
- Remote, home/clinic monitoring of chronic heart patients
- Post-myocardial infarction follow-up
- Arrhythmia detection
- Pediatric use (with chest electrodes)

#### Features

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

#### Benefits

- Diagnostic reliability
- Easy-to-record
- Easy-to-send
- Pocket-size portability

## Technical Data

### Electrical Characteristics

ECG Channel: One Lead  
 Frequency Response: 0.5 - 30Hz  
 CMRR: >95dB Typical (@ 50Hz/60Hz)  
 Input Dynamic Range: ±2.5mV  
 DC Offset Correction: ±200mV  
 Sampling Rate: 136 Samples/Sec

### Output

Modulation: FM Tone  
 Center Frequency: 1900 Hz or 3000 Hz  
 Frequency Deviation: 100 Hz/mV or 40 Hz/mV

### Memory

Storage Capacity: 120 Seconds  
 ECG Indicator: LED flashes when stored event in memory  
 Memory Full Indicator: Snooze alert

### Power

Battery Type: One Alkaline 1.5V Size AAA  
 Battery Life: >500 recordings/transmissions  
 Low Battery Indicator: Led on

### 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