



Heart 2006™

Dual Lead Transtelephonic ECG Loop Event Recorder

User-Friendly, Dual Lead, Loop Event Recorder for Accurate Documenting of Transient Cardiac Events

Heart 2006 is a long-term Transtelephonic dual lead ECG loop event recorder. This device is the solution of choice for documenting transient cardiac symptoms and their correlation to the patient's ECG. User-friendly and reliable, it provides 2 lead loop recording information to satisfy most of the cardiologist's demands.

Applications

- Detection of infrequent symptomatic arrhythmia
- Post-myocardial infarction follow-up
- Unexplained chest pain (ST-Segment analysis)
- Cardiac rehabilitation
- Arrhythmic therapy monitoring
- Drug study monitoring

Features

- 4X transmission speed
- Non-volatile (flash) memory
- One-month battery life
- 8 Events of 30/30 seconds or 2 events of 180/60 seconds

Benefits

- Easy-to-use
- Small, portable & convenient
- Two channels for enhanced diagnostics
- Superior ECG quality and baseline stability
- Long-term monitoring (no time limitation)
- Cost effective

Technical Data

Electrical Characteristics

ECG Channel: Dual Lead
 Frequency Response: 0.05 - 40Hz
 CMRR: >80dB Typical (@ 50Hz/60Hz)
 Input Dynamic Range: ±3mV
 DC Offset Correction: ±300mV
 Sampling Rate: 250 Samples/Sec

Output

Modulation: FM Tone
 Carrier Frequency: 1900 Hz
 Frequency Deviation: 100 Hz/mV
 Transmission Speed: 4x

Memory

Storage Capacity: 480 Seconds (Two Channels)
 Memory Type: Non-Volatile (Flash)
 Modes: Dual event, 180/60 seconds or 8 events, 30/30 seconds each. (user selectable)
 ECG Indicator: LED flashes when stored event in memory
 Memory Full Indicator: Snooze alert

Power

Battery Type: One Alkaline 1.5V Size AA
 Battery Life: 1 month*
 Low Battery Indicator: LED flashes when battery is low

Physical Characteristics

Length: 75 mm
 Width: 68 mm
 Thickness: 17 mm
 Weight: 80 gr. (including battery)

* Using Duracell Ultra M3 or Energizer e² Titanium x91 battery