

Moving Arrhythmia Diagnosis to New Heights

The ER920W is a cardiac event monitor with advanced diagnostic algorithms designed to automatically detect, capture and send asymptomatic events including Atrial Fibrillation, Bradycardia, Tachycardia and Cardiac Pause. In addition to the wireless transmission capability, the ER920W offers patients the flexibility to manually record and transmit event data transtelephonically. The ER920W offers:

- **A single-component system**, for patient convenience, comfort and ease of use.
- **Automated transmissions**, eliminating the need for patients to transmit data over the phone, enhancing patient compliance.
- **Extended battery life**, with no battery charger required for continued monitoring.
- **Flexible technology**, allowing bidirectional data flow and enabling physicians to remotely program the device while being worn by the patient.

INDICATIONS FOR USE

The monitor is indicated for diagnostic evaluation of patients who experience transient symptoms such as palpitations or syncope. It is intended to record cardiac activity associated with these infrequent and transient symptoms.

DEVICE SPECIFICATIONS

FUNCTIONAL

Wireless: 1 or 2 channels
Sample rate: 256 samples per second
User interface: LCD display and sound

MEMORY

Pre-set to record 6 events, and may store up to 30 minutes

BATTERY

Type: (1) 3.6V Battery Pack

WIRELESS TRANSMISSION

Transmit carrier: 1900Hz
Carrier deviation: 100Hz/mV

PHYSICAL

Dimensions: 2.82" x 4.33" x .90"
Weight with batteries: 5 oz.

ELECTRICAL

Input impedance: 2M min.
CMR ratio: 60dB
AC signal range: +/- 3mV
DC signal range: +/- 300mV
Resolution: 23µV (8bits)
Freq. response: .05Hz to 40Hz

ER920W




eCardioSM