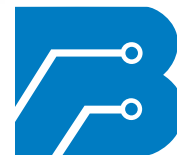




## ER900 Series Cardiac Event Monitors



**Braemar, Inc.**

### Superior Ambulatory Monitoring with Atrial Fibrillation and Arrhythmia Detection Algorithms

- Diagnostic Embedded Algorithms that Automatically Trigger Asymptomatic Events
  - Including Atrial Fibrillation, Brady Arrhythmia, Tachy Arrhythmia and Cardiac Pause
- Large Single Button Operation for Symptomatic Event Recording and Transmission of Event
- Large LCD Display
  - Confirms Device Operation
  - Confirms Battery Life
  - Confirms Number of Events Remaining
- Field Upgradeable Firmware
- 30 Minute Programmable Looping Memory
- > 30 Days of Battery Life with 2 AAA Batteries with Arrhythmia Algorithm On
  - Reduces Cost of Ownership
- Pacemaker Detection
- Lead Loss Detection
- 1x or 3x for Data Transmission or Direct Upload via Serial Port
- Simple Patient Operation with One Button Record and Send
- Small Rounded Design for Patient Comfort

*The Braemar ER900 Cardiac Event Monitors are the world's most advanced, with superior technology providing the documentation of symptomatic and asymptomatic cardiac events.*

*The simple single button operation allows patients to document and record symptomatic transient cardiac events; including syncope, palpitations, dizziness, chest discomfort and shortness of breath.*

*The Braemar ER900 Series Cardiac Event Monitors enhance diagnostic yield further with embedded algorithms that automatically trigger recordings of asymptomatic events such as atrial fibrillation, bradycardia, tachycardia and cardiac pause.*

# ER900 Series Cardiac Event Monitors

## Product Specifications

### FUNCTIONAL

Channels  
 ER900/910.....1  
 ER920.....2  
 Number of Events.....1-30  
 Functional Recording Time....256 Samples Per Second

### MEMORY

Total Recording Time.....30 Minutes (1800 sec)  
 Maximum Event Time  
 One Channel .....5 Minutes (300 sec)  
 Two Channel.....5 Minutes (300 sec)  
 Type.....Flash  
 Data Retention.....10 Years Minimum

### PHYSICAL

Dimensions.....3.5" x 2.125" x .65"  
 (90mm x 54mm x 16mm)  
 Weight with Batteries.....3.5 oz

### TRANSMISSION CHARACTERISTICS

Transmission possible via telephone (ttm connect) from device to anywhere in the world or by direct connect to PC via Serial Port.  
 Direct Serial Port Upload  
 Transmission Mode .....RS232, PC Serial Port  
 Transmission Rate.....11500 Baud

### ENVIRONMENTAL

Operating Temperature.....0°C (32°F) to 45°C (113°F)  
 Non-operating Temperature...-20°C (-4°F) to 65°C (149°F)  
 Operating Humidity.....10% to 95% (Non-condensing)  
 Non-operating Humidity.....5% to 95% (Non-condensing)

### BATTERY

Type.....(2) AAA Alkaline IEC-LR3  
 Life.....1 Month



ER 920



ER 900/910

### PROGRAMMABLE OPTIONS

- 6 Preset and 1 User Defined Event Program Options (Pre-Event Recording Time: 10-240 sec Post-Event Recording Time: 5-45 sec)
- Number of Events
- Audible or Silent Operation
- Audible Feedback
- Signal Preview Time
- Display Information
- Number of Channels (ER920)
- Pacemaker Detection ON/OFF
- Lead Loss ON/OFF
- 1x/3x Transmission Rate
- Auto Detection ON/OFF
- Bradycardia, Tachycardia and Pause Settings
- Atrial Fibrillation

### ELECTRICAL

Input Impedance.....10 Mohms Minimum  
 CMRR.....70 dB Minimum  
 AC Signal Range.....+/- 3mV  
 DC Signal Range.....+/- 300mV  
 Resolution.....8 bit  
 Frequency Response .....0.05Hz to 40Hz

**WARRANTY**.....1 Year



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