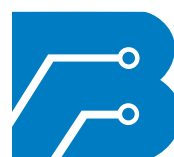




## ER900 Series Cardiac Event Monitors



**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 a Single AA Battery 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.*

[www.DataSheet4U.com](http://www.DataSheet4U.com)

# 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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