



ER910/920 Series Cardiac Event Monitors



Braemar, Inc.

Superior Ambulatory Monitoring with Atrial Fibrillation and Arrhythmia Detection Algorithms

- Diagnostic Embedded Algorithms that Automatically Trigger Recordings Of 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 Two 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

The Braemar ER910/920 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 ER910/920 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.

ER910/920 Series Cardiac Event Monitors

Product Specifications

FUNCTIONAL

Channels

ER910.....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 Channel5 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)
or by direct connect to PC via Serial Port

Direct Serial Port Upload

Transmission ModeRS232, 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 910



ER 920

PROGRAMMABLE OPTIONS

- Pre-Event Time 5-285 seconds
- Post-Event Recording Time: 5-285 seconds
- Number of Events
- Audible or Silent Operation
- Audible Feedback
- ECG 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 Response0.05Hz to 40Hz

WARRANTY 1 Year

Made in USA