



# ER920/ER920AF

## Cardiac Event Monitors



## 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 ER920/ER920AF 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 ER920/ER920AF 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.*

# ER920/ER920AF

## Cardiac Event Monitors

### Product Specifications

#### FUNCTIONAL

Channels ..... 1 or 2 Channel  
 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)  
 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



1 Channel Leads



2 Channel Leads

#### 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
- Pacemaker Detection ON/OFF
- Lead Loss ON/OFF
- 1x/3x Transmission Rate
- Auto Detection ON/OFF
- Bradycardia, Tachycardia and Pause Settings
- Atrial Fibrillation (ER920AF)

#### 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** ..... One (1) Year

\*Made in USA

\*Specifications subject to change without notice



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