



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.

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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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