

## ER920 Series

### Cardiac Event Monitors

*Life Support Systems' ER920 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 pain and shortness of breath.*

*Life Support Systems' ER920 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.*



- Diagnostic Embedded Algorithms that Automatically Trigger Recordings Of Asymptomatic Events Containing:
  - Atrial Fibrillation
  - Bradycardia
  - Tachycardia (VT, SVT)
  - 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
- 30 Minute Programmable Looping Memory
- Single or Dual Channel Capability
- > 30 Days of Battery Life with Two AAA Batteries
- Pacemaker Detection
- 3x Data Transmission Speed
- Simple Patient Operation with One Button Record and Send

# ER920 Series Cardiac Event Monitors

## FUNCTIONAL

### Channels

ER920	1 or 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)  
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)

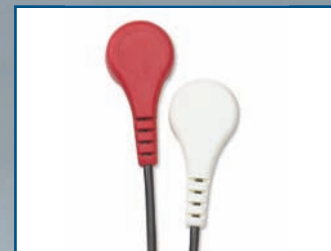
## BATTERY

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

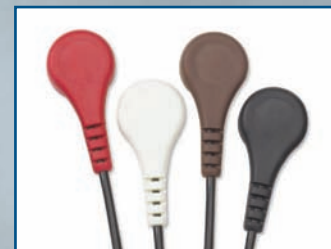
## ELECTRICAL

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

Made in USA



Single Channel



Dual Channel

## 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
- 3x Data Transmission Speed
- Auto Detection ON/OFF
- Bradycardia, Tachycardia and Pause Settings
- Atrial Fibrillation



(P) 800.659.8151

(F) 800.535.1706

www.lifesupportinc.com