



NorthEast Monitoring, Inc.

advancing Holter technology™

DR200/E “Tel-a-heart”™ Event Recorders

Meets EC-38
standard



Multiple
Language
capability



Ergonomic
design



Proven
reliability



Maximize
event
reimbursements



Reduce artifact
with shielded
cables



Pacemaker
detection
standard



Auto-detect
and
Smart Mode
event selection



Industry-leading
3-year warranty

The DR200/E “Tel-a-heart” is the first member of the DR200 series of Event Recorders. It is available with several options to fit a broad range of requirements for ambulatory event recorders. The standard patient hook-up cable is a 2-lead cable that supports 1 channel of data. An optional 3-lead cable provides 2 channels of data. The DR200/E has the typical acoustic data transmission capability, but adds value with digital data transmission via a removable, secure media flash card.



The DR200/E-a has the additional auto-detect capability to automatically detect an event and begin recording it with the programmable length periods of pre- and post-event data. This requires no action by the patient. The DR200/E-a pushes the state-of-the-art even further with Smart Mode event selection to select the best sample of each type of arrhythmia from within an Event window.

The DR200/E “Tel-a-heart” Event Recorder in acoustic mode is compatible with any event software, including LX Event from NorthEast. The digital data stored on the secure media flash card requires LX Event software from NorthEast.

All units are rugged and built to last. They carry the industry’s best warranty of 3 years, along with optional extensions to 5 or more years. Choose the best unit for your application.

A number of key features make these units the quality and technology leader in the industry today. Contact NorthEast or read on for more details.

DR200/E "Tel-a-heart"™ Features

- ◆ **Meets EC-38 standard**
Meets applicable sections of ANSI/AAMI EC38-1994 "Ambulatory Electrocardiographs."
- ◆ **Multiple Language Capability**
Select from English, Danish, Finnish, French, German, Italian, Polish, Portuguese and Spanish.
- ◆ **Ergonomic design**
Large, easy view LCD (liquid crystal display) screen, soft-keys and a very simple user interface make the unit exceptionally easy to use.
 - Pre Event Sec** - adjusts loop time stored prior to an event
 - Post Event Sec** - adjusts loop time stored after an event
 - Max Events** - sets maximum number of events to be recorded and automatically adjusts recording interval per event
 - Channels** - sets mode for 1- or 2-channel recording
 - Non-volatile memory** - stores events even if battery power is lost
 - Oops-proof data saver** - precludes premature erasure of potentially important recorded event data
 - Multi-mode Event transfers** - Transfer stored events in any of the following modes - telephonic (POTS), microphone, data card. Restrictions may apply for reimbursement.
- ◆ **Proven reliability**
The entire DR200 series utilizes field experience gained from the popular DR180+, with thousands of units deployed world-wide. Real-world experience is designed into every unit.
- ◆ **Maximize Event reimbursements**
Our system allows your office to "capture" reimbursement for all applicable CPT (Current Procedural Terminology) codes for pre- and post-symptom cardiac event monitor.
- ◆ **Reduce artifact with shielded cables**
Shielded cables provide better signal integrity and noise immunity. A patent-pending technique eliminates the 3rd lead and can provide high-quality, 1-channel data. Our cables are fully shielded and impedance matched to provide 6-10 dB better SNR than any other cable on the market. With fewer electrodes, they are easier to apply than any other event cable.
- ◆ **Pacemaker detection standard**
The conflicting requirements for signal sensitivity (wide bandwidth and high sample rate) and long battery life have been uniquely resolved to provide highly accurate diagnostic information.
- ◆ **Auto-detect and SMES (Smart Mode Event Selection)**
Events are automatically detected and recording of the event is begun automatically. Pre- and post-event data is stored according to the setup values. Auto-detect removes the need for a patient to identify events. The Smart Mode Event Selection automatically selects the best sample of each type of arrhythmia (bradycardia, tachycardia, pause, atrial fibrillation) from within the programmable event window.
- ◆ **Industry-leading 3-year warranty**
These units are built-to-last. Our field return rate is proven to be so low that we can offer the industry's longest warranty -- and then extend that to 5 or more years to add even more value to your investment.
- ◆ **Maximize good quality recording cycles**
Checks battery state and lead hook-up quality prior to deployment. Transmissions include date and recorder ID.
- ◆ **All digital recording**
Reliable digital technology is used throughout, enhancing service life and lowering total cost of ownership.



DR200/E "Tel-a-heart"™ Specifications

Recording duration:

30 days with alkaline battery

Recording bandwidth:

0.05 - 70 Hz

Resolution:

12-bit, 12.50 μ V/LSB

Sampling rate:

180 samples/second

Dimensions:

8.6 cm x 6.0 cm x 2.0 cm
(3.9 in x 2.4 in x 0.8 in)

Weight:

99.3 grams (3.5 oz), with battery
70.9 (2.5 oz), without battery

Power:

1 AA battery: alkaline, NiMH rechargeable, or lithium

Storage capacity:

90 minutes

Distributed by:

510(k)K061293, K070014 (auto)

NB: In the U.S.A., Federal Law restricts devices to sale by or on the order of a physician. For in vitro diagnostic use. Not intended to replace real-time telemetry monitoring for patients suspected of having life-threatening arrhythmias.



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