

# CardioMem<sup>®</sup> CM 3000-12 BT

## 12-Channel-Holter-ECG-Digital-Recorder

The CardioMem<sup>®</sup> CM 3000-12 BT digital recorder facilitates continuous, uncorrupted saving of the 12-channel ECG for up to 72 hours. The recorder also offers pacemaker recognition as an option. Using Bluetooth technology or a mini USB connection, the patient data can be transferred from the computer to the recorder before recording commences. This transmission technology can also be used to monitor the quality of the ECG leads on the computer, to print out ECG sections or to save them as files in XML format, prior to and during the recording. Continuous open-lead monitoring for the purpose of detecting poor-quality electrodes or electrodes which have fallen off prevents possible errors during subsequent evaluation. Premature cable breakages are prevented by means of an integrated patient cable channel. 1.5V alkaline LR6 or NiMH rechargeable batteries can be used.

The patient can mark special events at any time during the recording.

### Advantages and main features

- 12-channel ECG with 1024 Hz scanning rate
- Graphic display and user-friendly menu structure
- Pacemaker detection
- Uncorrupted saving of the ECG for up to 72 hours
- Online ECG transmission via Bluetooth<sup>®</sup> technology
- Open lead detection
- Battery-operated device (alkaline or rechargeable batteries)
- Data display in the CardioDay<sup>®</sup> evaluation software



The saved data can be transferred to the computer via the mini USB connection, or by means of a card reader following the removal of the memory card, and analysed there using the CardioDay<sup>®</sup> evaluation software.

### Technical data

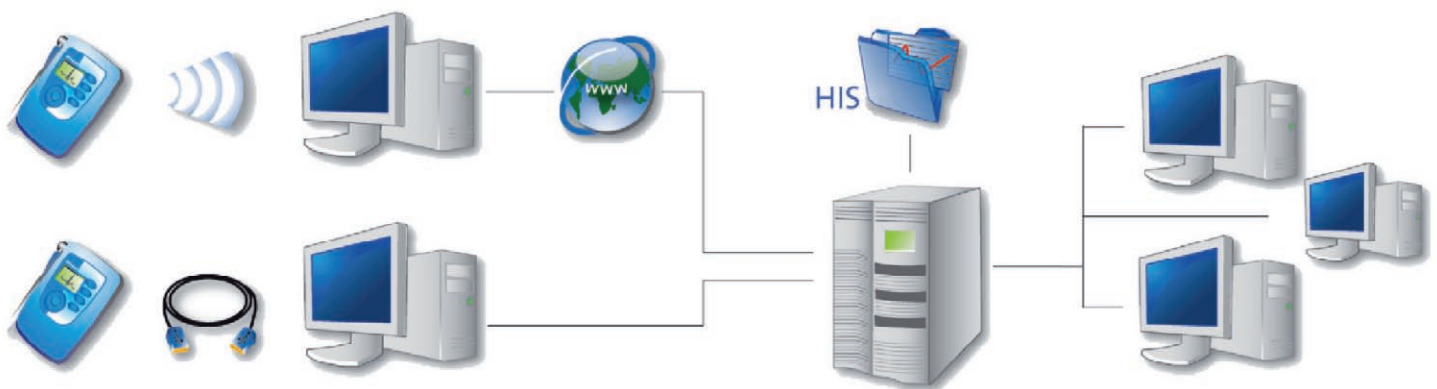
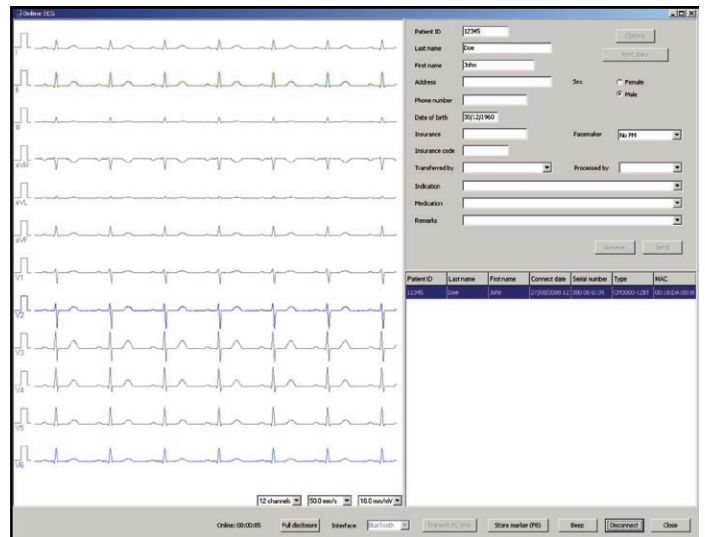
Weight with battery	< 160 grams
Dimensions	108 x 86 x 22mm
Connections	Patient connection cable
Displays	Graphic display, 128 x 64 pixels
Battery type	1 x 1.5 V alkaline LR6 or
Rechargeable battery	1 x 1.2 V NiMH
Battery service life	Typ. 3 days (rechargeable battery 1.5)
ECG channels	12
Storage medium	CompactFlash <sup>®</sup> Card type I
Frequency response	0.05 to 120 Hz
Scanning rate	up to 1024 Hz with 12 bit
Data transmission	Bluetooth <sup>®</sup> technology
Range	up to 5m
Safety classification	IIa MPG



## CardioDay® Online Viewer

### Advantages and main features

- Paired connection of the recorders and encoded data transmission
- Selection of a registered recorder from the list
- Bidirectional data exchange via Bluetooth® wireless technology
  - Patient data
  - PC time synchronisation
  - Display and print-out of the ECG
  - Setting of markers



### CardioDay® system requirements

- IIBM PC AT compatible, Pentium III or higher
- Operating system: Windows® 2000, XP or Vista
- >5 GByte hard drive
- At least 512 MByte main memory
- Minimum screen resolution: 1.024 x 768 pixels
- Windows-compatible printer, 300 dpi

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GE imagination at work



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