

# CardioMem® CM 3000

## Digital Recorder for Holter ECG

CardioMem®, the digital recorder of the Holter ECG system CardioDay®, can record up to three ECG channels as well as additional pacemaker information. Furthermore, the thoracic impedance is recorded, for instance to detect central apneas during sleep. A Feature Connector enables the connection of other vital parameter modules (e.g. blood pressure or oxygen saturation) in order to record their signals simultaneously with the ECG, or to immediately transfer current episodes to the physician by mobile phone.

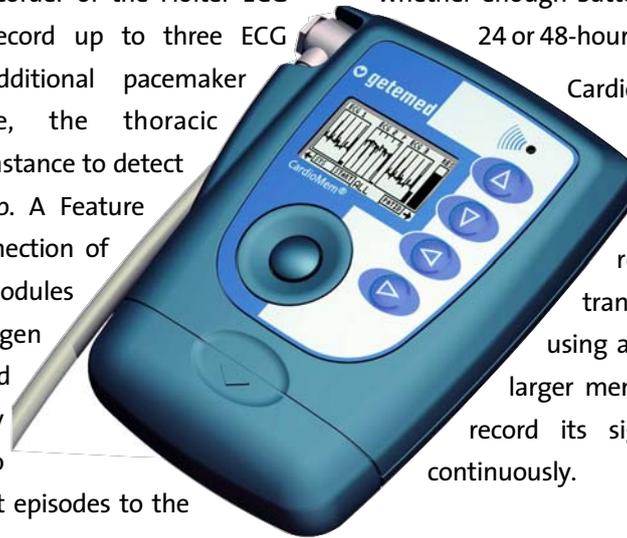
CardioMem® offers a genuine data storage without reduction or preanalysis as well as easy and field-proven handling procedures. The integrated graphical display allows an easy and quick check of the electrode application before the recording is started. The recorder features user-friendly, menu-guided operations visible directly on the display. A continuous open-lead monitoring detects bad or detached electrodes and prevents errors during subsequent analysis.

A protective patient cable guide prevents premature cable breakage. CardioMem® can be powered either by a standard battery or a NiMH rechargeable battery.

At the start of each new recording the recorder checks

whether enough battery capacity is available for a 24 or 48-hour measurement.

CardioMem® records the ECG data on flash RAM cards. The data are retained even if the battery is exhausted or removed. Data can be transferred to the evaluation PC using a standard card reader. Using larger memory cards CardioMem® can record its signals for up to 10 days continuously.



### Technical Data

Weight w/ battery:	< 160 Grams
Dimensions:	10,8 x 7,9 x 2,2 cm
Connectors:	Patient cable
Display:	graphical LCD Display 128x64 dots
Battery:	1 x 1,5 V "AA"
Akku alternatively:	1 x 1,2 V NiMH 1200mAh
Battery life:	typ. 3 (Akku 1,5) days
Storage media:	CompactFlash™ Card Typ I / II
Storage capacity:	3 channel >48/24 h Battery/Akku
Recording:	1024 Hz / 12 bit
Storage:	128Hz/8bit / 256Hz/10bit / 1024Hz/12bit
Data transfer:	via FlashCard
Safety class:	Ila MPG (German Medical Products Act)

*Subject to technical changes*

*CardioMem® is a product of getemed AG, sold through GE Healthcare in the following countries: Germany, Switzerland, Austria, France, Eastern Europe, United Kingdom and USA.*



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