CardioDay
Holter ECG System

CardioDay
The CardioDay® Holter ECG system is part of the GETEMED family of products distributed by GE Healthcare. The main development goals were to provide non-reduced data along with easy, menu-guided operation. CardioDay is a modular system for routine examinations and research.

CardioDay supports the CardioMem® and SEER® 1000 recorders. These recorders offer high-quality 24 hour, 48 hour and 7 day recordings. The CardioMem recorder offers an integrated graphical display for waveform preview, while the SEER 1000 features a custom app that is compatible with today’s advanced wireless consumer technologies.

The ECGs transferred to the PC are separated into classes of similar QRS morphology and evaluated using a special algorithm. An entire class can be edited with only two mouse clicks. The software scans the results according to these classes and displays them in the order of their significance.

All results are sorted hierarchically; within each event class, the most important event is shown first.

The results, reports and analysis parameters can be edited and individually configured.

Users of CardioDay enjoy the following advantages of a PC-based Holter ECG system:

- High quality presentation of the ECG data
- Storage and documentation of marked episodes
- Clearly displayed data
- Linkage to standard software for further processing of results and reports
- Linkage to clinical information systems and databases
- Windows® software (Vista, 7, 8)
The CardioDay software simplifies data evaluation. Every diagnostic event can be quickly and easily viewed and edited in the event overview. The results can be displayed either in the order of severity or chronologically.

The event window of the CardioDay software displays the event classes, the context of the active event, and an enlargement of the QRS complex in which the event was recognized.

In addition to its standard analysis functions, CardioDay also contains extended analysis tools. These include detection of intermittent atrial fibrillation. Individualized extended functions are also possible.

CardioDay’s network capabilities permit different users to evaluate recordings from different workstations. The results can be archived or sent, for example, via email to other colleagues in TIFF or PDF formats. Furthermore, patient data and analysis results may be exchanged between CardioDay and a hospital databank (e.g. CS Diagnostic System from GE Healthcare).

**System requirements CardioDay**

- Intel Pentium 4 with 1 GHz or higher
- Windows 7, Windows 8 (32-bit or 64-bit), Windows Vista (32-bit)
- Hard disk greater than 5 GB
- 1 GB RAM or higher
- SVGA (min. 1024 x 768 pixel)
- Laser printer