MARS Office

Ambulatory ECG/Full Disclosure Holter System

Analysis programs:

- EK-Pro* ECG analysis
- Marquette* 12SL analysis program for ambulatory ECG
- T-wave Alternans
- Heart Rate Turbulence
- Atrial fibrillation detection
- QT interval measurement
- ST segment measurement
- Heart Rate Variability
- Pacemaker detection

Acquisition:

SEER* 1000
SEER Light
SEER Light Extend
SEER 12

Connectivity:

MUSE*
CardioSoft*
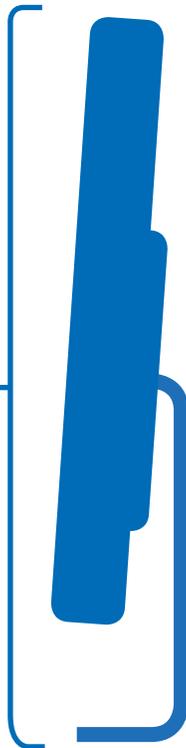
Ambulatory ECG/Full Disclosure Holter System

Improved outcomes start right in your office, with the predictive power of the MARS* Ambulatory ECG System—featuring the same innovative ECG technology found

on hospital-based MARS systems. The MARS Office system is a sophisticated yet affordable solution that delivers advanced, easy-to-use ambulatory ECG review tools and Marquette* analysis programs to office practices or clinics requiring a single workstation.

- Comprehensive portfolio of ECG analysis and risk prediction programs

- Scalable system options can be configured for basic Holter scanning or for advanced ECG analyses

- Can be integrated with the MUSE Cardiology Information System and CardioSoft Diagnostic System for seamless connectivity to hospital EMR and HIS

- Transforms a PC into an ambulatory ECG analysis system

The tools to deliver a new standard of care

The MARS Office system offers the clinical speed, analytical accuracy, and storage capabilities you need to confidently identify and treat your highest-risk cardiac patients from your office. Compatible with a suite of recorders from GE Healthcare—the SEER 1000, SEER Light,

SEER Light Extend, and SEER 12—the MARS Office system delivers high-quality ECG recordings for an enhanced picture of a patient's day-to-day heart health.

GE's Marquette T-wave Alternans and Heart Rate Turbulence risk-scoring programs assist physicians in predicting patients at risk of Sudden Cardiac Death. These algorithms, available on the MARS system, complement the full array of trusted Marquette analysis programs: EK-Pro ECG analysis, atrial fibrillation detection, QT interval and ST segment measurements, Heart Rate Variability, and pacemaker analysis.

Workflow designed for clinical precision

Streamline workflow with a comprehensive suite of scanning techniques, such as Retrospective, Superimposition, Page, Event, and Waterfall methodologies that provide high-speed analytical accuracy. The clinically driven automated report feature permits customizable clinical definitions for final reports. Different criteria are used for pacemaker, atrial fibrillation, and ventricular ectopy analysis.

Specifications

Recommended hardware requirements	
Processor	Intel** Core** i3–2120, 2 cores/4 threads, 3.30 GHz
Graphics	1280 x 1024
RAM	2 GB
Network interface	10/100/1000
Operating system	Windows** 7 (SP1) 32-bit or 64-bit
Hard drive capacity	160 G
Archive	CD-RW, DVD-R, DVD-RW, Network drive
USB Ports	6 recommended 2 required