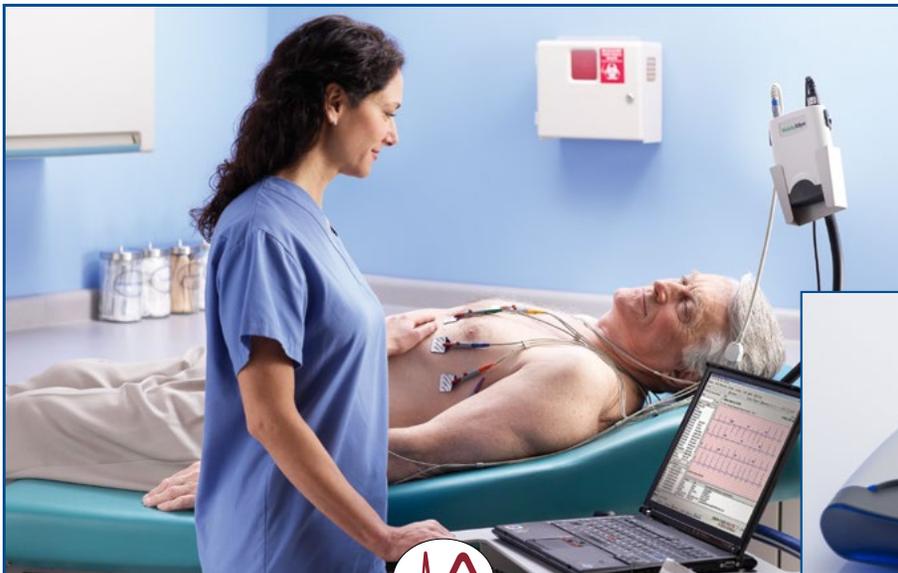# 12-Lead Digital ECG I
AMD-3400

Electrocardiography without the "Paperwork"

The *12-Lead Digital ECG I* is a PC-based resting electrocardiograph system perfect for telemedicine applications because it makes patient diagnostic information more readily available for both the clinician and remote consulting physician. With automatic ECG measurements and flexible on-screen reporting functions, this digital ECG enables clinicians to spend less time documenting and more time collaborating with the physician reviewing the results.

Product Features:

- **Serial comparison** of previous ECGs to highlight changes in order to make clinical decisions.

- **Intuitive Windows operations and intermittent arrhythmias** make it easy for clinicians to monitor patients.

- **Automatic ECG measurements** speed physician review and interpretation.

- **Flexible Reporting functions** make it easy to make clinical decisions:
  - on-screen review of 12-lead report prior to saving so you can eliminate repeat ECGs
  - overlay previous ECGs to spot differences
  - interpret and edit reports on-screen for patients down to one day old
  - programmable report formats make it easy to review results

- **CardioPerfect™ Workstation Software** makes it seamless to monitor, review, store and print ECG reports.

- **Bi-Directional EHR** interface automatically transfers patient information and ECG test data into most EHRs without redundant work steps, misidentified patients, transcription errors or delay.

- **Integration with AMD's AGNES™** software aggregates patient ECG data with additional patient exam information and shares it in real-time with remote consulting physician.

Technical Specifications:

Digital ECG Module:
- Dimensions: 5.8" (l) x 4.3" (w) x 1.3" (d) / (147 mm x 108 mm x 32.5 mm)
- Weight: 0.48 lbs (222 g)
- Computer interface: USB
- Frequency response: 0.05 – 150 Hz
- Sampling rate: 600 sps
- Integrated defibrillation protection
- 10-lead patient cable with banana electrode adapters

Filters:
- 25 to 35 Hz muscle tremor filter
- Selectable 50/60 Hz

Software:
- Monitoring formats: 1 x 12, 4 x 3, 2 x 6
- Print formats: 4 x 3, 2 x 6, average complexes, expanded measurements matrix and rhythm strips
- Print speeds: 5, 10, 12.5, 25, 50 and 100 mm/sec
- Lead sensitivity: 5, 10 and 20 mm/mV
- Selectable QTc formula: Bazett, Hodges or Fridericia

Minimum Computer Requirements: (Recommended)
- Configuration: Tower or Desktop PC preferred; Laptop or Tablet. (some tablet computers may not support data recording)
- CPU: Pentium 4 (or equivalent) or higher
- Hard disk: 20 GB with 5 GB free space
- RAM: 512 MB, 1 GB or higher recommended
- Monitor Resolution: 1024 x 768 True Color, 1280 x 1024 recommended, 15" or higher
- Ports: 2 USB
- Operating system: Windows XP SP2 (32 bit) or later, Vista Business SP1 or later (32 and 64 bit), Windows 7 Home Premium, Professional and Ultimate (32 and 64 bit)
- Thin Client/Virtual Channel Client:
    - Citrix V. 6 to 11
    - Microsoft Terminal Services (RDP) with above mentioned OS
- Built-in PerfectLink™ technology allows you to use your regular ProLink USB cable for optimal thin-client performance
- Peripherals: Compatible with inkjet and laser prints

Complete ECG System Equipped with Interpretive Software:

CarioPerfect™ Workstation Software

Completed System Includes:
- CardioPerfect™ Workstation software
- Digital ECG patient cable with USB connection
- Software for resting ECG:
    - ECG measurements/interpretation, rhythm/manual mode, average complexes, serial comparisons of ECGs and measurements
- 500 resting tab electrodes

AMD Global Telemedicine — *The Future of Medicine...Now!*

AMD Global Telemedicine
321 Billerica Road
Chelmsford, MA 01824

Toll-Free: 1-866-449-8210
info@amdtelemedicine.com
www.amdtelemedicine.com