

## Digital Wireless ECG

AMD-3350

### Streams ECG Wirelessly from the Patient to Your Computer

The *Digital Wireless ECG* is a PC based 12-Lead EKG system that wirelessly streams ECG data from the patient to your personal computer. The process is simple: perform the patient hookup, input patient data into the software, and then start the analysis. Our system uses the Glasgow 12-Lead algorithm to output fully interpretive ECG statements. Reports include Global Measurements, Individual Lead Measurements and Diagnostic Interpretation. All the heavy lifting is done for you, just review and print.

#### Product Features:

- Wireless technology allows more patient comfort which results in a higher quality ECG signal and less artifact.
- Uses Bluetooth wireless protocol, designed specifically for patient monitoring applications.
- Wireless radio gets up to 100 feet of signal range
- Fewer cables means freedom of movement and a safer environment.
- "Holter-size" acquisition device weighs only 4.2 oz. with batteries.
- No bulky carts to store or push around.

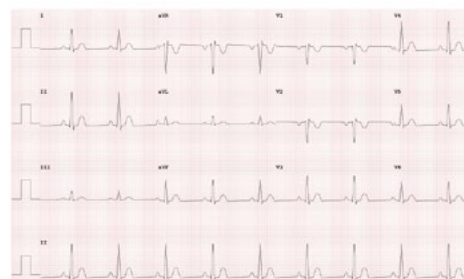
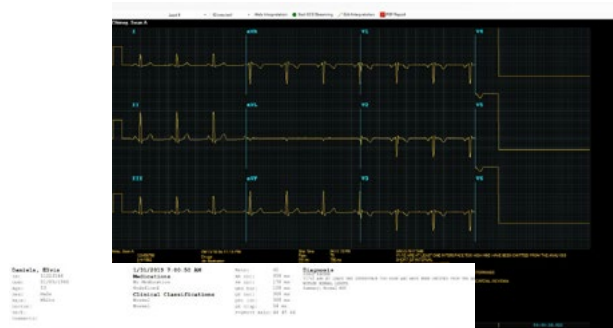


#### Easy-to-Use Software:

- EKG Tests can be performed and interpreted in only minutes
- Full interpretation and measurement results from Glasgow (GRI) algorithm
- Optional PDF export, to make share reports electronically
- Patient Management System uses the powerful Microsoft SQL 2012 database to store patient records

#### Multiple Hookup Modalities

- Device works with two cable-types: 12 Channel (10 Wire), 3-Channel (7 wire)
- Simply attach the appropriate cable, and the device automatically switches to that modality
- 12-Channel modality: For a true 12-Lead ECG acquisition
- 3-Channel (7-wire) modality: For those more comfortable with a VCG hookup



## Product Includes:

- Digital wireless acquisition device
- Cario Vu Interpretation software with Glasgow analysis program
- Bluetooth dongle
- 10-lead patient cable
- 10 piece Sure-Lock electrode clips
- Carrying case

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## Technical Specifications:

Acquisition module type: Digital

Channels: 12 Lead Derived ECG recordings

Patient cable: 5-wire (12-Ch) Banana

Resolution: 12 bit resolution with 6000 Hz over-sampling per channel

Power source: Two "AA" alkaline or Lithium battery with reverse polarity protection

Common mode rejection: 60 db minimum, 1 volt peak-to-peak, 60 Hz common mode signal

Frequency response: .05 to 150 Hz (-3 db)

Data integrity: Unique device signature and CRC-16 on every frame sent

Signal verification: Provides lead placement and signal quality verification during patient hook-up

Display: Monochrome 2.4" LCD

Pacemaker detection: Concurrent pacemaker detection on all channels

Defibrillator protection: All channels protected to 360 Joules

## Environmental Specifications

Temperature range: +5°C to +35°C

Humidity: Operating: 30% to 70% non-condensing

## Physical Specifications

Dimensions: 4" L × 2.4" W × 0.71" D

Weight: 4.2 oz. with battery

Case: Molded, high-impact, textured plastic enclosure



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