

“Revolutionizing Cardiac Diagnostics”

Introducing...

CARDx ECD

(Early Cardiac Diagnostics)

✓ **Early** ✓ **Accurate** ✓ **Fast** ✓ **Non-Invasive**



Excellent for:

- Diagnosis (with 94% accuracy vs. angiogram)
- Differentiation (averaging 90% accuracy)
- Prevention, follow-ups & more



Patented 12-lead CCG utilized in FDA cleared products



10-minute, risk-free testing procedure at point of care



CARDx ECD System Specifications

Features

- Simultaneous 12-lead CCG analysis (auto power spectrum and mathematical variations) based on frequency & phase domains with reference database of 30,000+ clinical tests
- Simultaneous 12-lead ECG analysis based on time domain with reference to Minnesota code classification database of 500,000+ clinical tests
- General morphological measurements & cardiac electric axis indicator
- 3D CAD localization

Report Types

- 12-lead CCG analysis (summary, diagnostic table, main and specific indexes power spectrums, transfer functions, 3D CAD localization)
- 12-lead ECG analysis (measurements w/ interpretation, averaged complexes, 3x4 simultaneous, 6x2 simultaneous, 6x1 [2] page simultaneous)
- Reports generated in standard PDF format



CCG / ECG Acquisition

Real-time CCG / ECG (12-lead system)
Simultaneous 12-lead sampling rate @ 512Hz
A/D resolution: 12 bits
CMRR: >90dB
Filter: 50/60 Hz adaptive canceller
Input impedance: conforms to AAMI standards

Data Processing

Processor: Intel Core 2 Duo with 2MB cache
RAM: 1GB DDR
HDD: 80GB or above
USB: 2 required
Keyboard: Standard PC
LAN: Standard networking capabilities

Monitor

15.1" active color TFT LCD
XGA @ 1024 x 768 resolution

Battery Specifications

60-minutes of continuous rhythm recording
Battery charging: 4 hours to full capacity

Power

Line Power (100-240 Vac 50/60Hz, 70VA)

Environmental Operating Conditions

-20 to 50°C (-32 to 122°F) operating
5% to 95% relative humidity (non-condensing)
Up to 3000m (9842 ft.) altitude

Dimensions (excluding AC adaptor)

339.6 x 293.5 x 63.7 mm
(13.4" x 11.5" x 2.5" in)

System Weight

6.2 kg (13.8 lb): includes battery, patient interface module, lead wires and clips

Available Options

Medical Cart Medical mobile workstation
Optical USB to USB cable
Printer compatibility

Safety & Performance

IEC-60601-1: 1998 + A1 + A2
IEC-60601-1-2: 2001 + A1
IEC-60601-2-25: 1993 + A1
UL 60601-1
CAN/CSA-C22.2 No. 601-1-M90
AAMI EC11
EN55011 CISPR 11

* Please note: specifications are subject to change without notice

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