

QRS-Card™ Stress ECG System



HIGHLIGHTS

- Lightweight, Extremely Portable Design
- Works with PBI QRS-Card™ Cardiology Suite or EMR Software
- No Battery Needed, Self-Powered from USB Port
- Monitor Average Complexes, ST Changes, Target Heart Rate, and Blood Pressure
- View 3, 6 or 12 Leads in Real Time
- 12 Lead Resting ECGs Can Be Performed Using QRS-Card™ Stress PC Digital ECG System
- Automatic and Manual Treadmill Control
- Annotate Patient Conditions During Test
- Preview Reports on Screen Before Printing
- Single or Batch Print Reports
- Remote Internet Monitoring
- R-Wave Trigger Signal for Echo Machine and Auto BP Machine
- **Add Ambulatory Holter ECG and 24-Hour ABPM to Complete Your Cardiology Suite**

Stress PC Digital ECG System



QRS-Card™ Stress ECG System

PBI QRS-Card™ Stress PC Digital ECG system used with QRS-Card™ Cardiology Suite or integrated into your EMR software allows you to effortlessly perform, store and share ECG reports at one location. Software is effortless to install, easy to use and simple to customize and can be used for Resting or Stress ECGs.

QRS-Card™ Stress PC Digital ECG system performs similar to a traditional stand alone exercise system, but offers increased portability and functionality for your practice.

QRS-Card™ runs on your Windows® based PC. Advanced features include: EMR software interface, database, full disclosure viewing, real-time remote access and custom stress protocols.

Clean ECG signals are achieved through advanced digital filters that reduce muscle noise and baseline movement. Full disclosure (complete test) ECG data is automatically saved to patient file. ECG reports can be printed during or after completion of the test and e-mailed to others.

QRS-Card™ Stress system can be interfaced with treadmills, ergometers and automatic blood pressure devices.

Add Ambulatory Holter ECG or 24-Hour ABPM for a complete QRS-Card™ Cardiology Suite workstation.



Bring your practice into the digital age with easy to use and highly efficient QRS-Card™ products.



- Since 1990 QRS-Card™ has been the industry leader in PC Based ECG and the biggest OEM / Private label supplier to Fortune 500 companies
- First US FDA 510K approved PC ECG
- Utilized in the US, Canada and more than 50 countries worldwide



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Specifications:

Stress ECG Machine:

Type:	Full Disclosure (Complete Test Saved)
Channels:	12
Size:	4.5" x 2.5" x 1.0" (114.3mm x 63.5mm x 25.4mm)
Weight:	4.5 ounces (127.6 grams)
ECG Leads:	Detachable 10 lead snap/grabber type
Connection:	USB
Power:	Self powered via USB port
R-Wave Trigger:	R-wave Trigger signal for Echo machine and Auto BP machine
Sampling rate:	240Hz and 500Hz
ECG Measurements:	Automatic (PQ, QRS, QT, HR, ST mm & ST Slope)
ECG Complex:	Average 1, 3, 6 or 12 lead
Trend Graph:	Heart Rate, Blood Pressure & ST
Protocols:	Bruce, Modified Bruce, Kattus, Naughton, Dobutamine Ergometer, or user defined
Exercise Devices:	Treadmill or Ergometer
Blood Pressure:	Manual or Automatic
Data Storage:	PC Hard Drive, Flash Card or SD Card
Printing:	Laser / Inkjet; Color or Black & White
Reports:	Multi-format, User customizable & PDF
Email:	Microsoft® Outlook or MAPI compliant
Screen Format:	1, 3, 6 or 12 Leads
ECG Speed:	5, 10, 25, 50 mm / sec
ECG Gain:	5, 10, 20 mm / mV
ECG Filters:	Digital – 50 / 60 Line frequency Muscle tremors 40 Hz Baseline drift
Database:	Faircom C-Tree
File Format:	Industry Standard SCP (Standard Communication Protocol) or DICOM, HL7, PDF, TIFF, BMP
EMR Interface:	Multiple EMR Software Interfaces
Warranty:	1 year

Minimum System Requirements:

Computer:	PC with Windows® XP or Vista (1GB or higher RAM)
Monitor:	Color / TFT, Min. Res. 1024 x 768
Printer:	Color or Black & White
Serial Port:	RS232 for treadmill connection
USB Port:	QRS-Card™ ECG device connection

Ordering Information:

68U042	QRS-Card™ USB Stress ECG System (Includes QRS-Card™ Cardiology Suite software and the below accessories)
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Included Accessories

68L103	ECG Lead Wires Snap/Grabber Type
68C015	USB Cable
68U043	USB Configuration Key
68SP002	Stress Pouch with Belt

Optional Accessories

68E002	Stress Electrodes
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Treadmill

68TM01	TM Treadmill 220V
68TM02	TM Treadmill 110V (special order)
68C020	Treadmill Cable (Serial)

* Specifications subject to change without notice

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REGULATORY APPROVALS
US FDA 510K, Europe CE, Canada CMDCAS