

WELCH ALLYN CARDIOPERFECT™ EXERCISE ECG

the perfect choice

Flexible, affordable, and easy to administer

The Welch Allyn CardioPerfect PCE Exercise ECG System is the perfect PC-based system for every doctor or hospital that administers stress testing and wishes to prepare for the future. Flexible, affordable and easy to work with, the Welch Allyn CardioPerfect PCE Exercise ECG includes a patient data recorder, resting and stress test software. The system can be used on a Notebook computer and in network environments (Windows 2000, XP). Based on the latest Windows technology, the stress test software is designed for optimum user friendliness, versatility and quality.



Workstation

The Welch Allyn CardioPerfect PCE Exercise ECG connects to the Welch Allyn CardioPerfect Workstation software and offers all of the connectivity and advanced features of this powerful software. See the Welch Allyn CardioPerfect Workstation brochure for more information.

During the test

The Welch Allyn CardioPerfect PCE Exercise ECG System records and monitors all 12-leads simultaneously and continuously. During the stress test, 3, 6 or 12 user-selected leads are displayed, and other leads can be reviewed easily while recording. A scroll-back function allows easy



confirmation of ECG abnormalities with the possibility to print the selected part of the recording during monitoring.

ST measurements: averaged ECG complexes are calculated on regular intervals and superimposed on a reference ECG complex, showing the ST changes in detail. ST- and ST-slopes measurements are displayed both in a trend graph and in a table during the test. The ST measurement point is configurable (both absolute and relative).

Trend graphs: heart rate, load and blood pressure trend graphs are available during the test, providing instant information regarding changes as they occur.

Printouts: during the test, 2x6 ECG strips can be printed at regular pre-defined (work phase) intervals.

After the test

All 12-leads data can be stored allowing full arrhythmia evaluation after the test. After the test, a pre-configured (user-defined) set of printing formats can be produced, or alternatively, evaluation of results can be made onscreen and a selection made before printing, thus saving time and resources. The results are printed on standard white paper, avoiding the further cost of special thermal paper. All data is stored on the hard drive which allows printouts of full disclosure, 2x6 leads, averages, trend graphs, tabular reports and summaries using a versatile print protocol. By evaluating the results on the monitor, a paperless stress test system can be created.

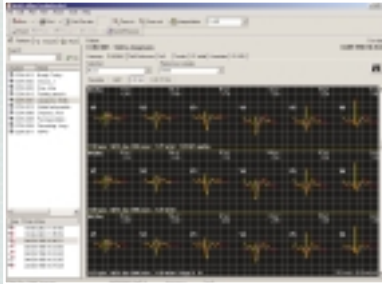
Continued investing in hardware and software development makes Welch Allyn the state-of-the-art cardiopulmonary equipment solution provider, both now and in the future.

WelchAllyn®

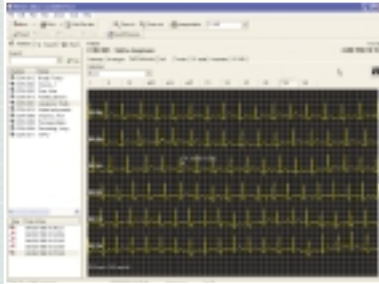
Advancing Frontline Care™

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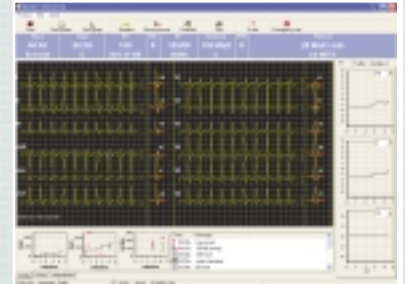
the perfect choice



Display of averaged complexes with ST data and other relevant information



Full disclosure display with the possibility to print interesting segments of the full disclosure



Stress test recording screen

Special Features

The software controls most treadmills and bicycle ergometers, without any further costs for special drivers. Standard stress test protocols are provided, but can also be programmed by the system. The Welch Allyn software allows the programming and storage of up to several thousand different stress test protocols. Parameters like patient weight and current heart rate make protocol programming flexible and easy. The protocol can also be manually overridden during the test. The system hardware allows transfer of ECG data to other applications in analogue, TTL trigger or digital format. Several blood pressure devices can be controlled by the Welch Allyn software. This, along with the possibility to enter comments during the test, creates a full command center behind your keyboard.

State-of-the-art Equipment

The Welch Allyn CardioPerfect PCE Exercise ECG system provides the perfect tool for stress testing at a low operational cost, printing on standard white paper, and using standard off-the-shelf PC hardware. All Welch Allyn ECG recorders have integrated defibrillation protection, so it is no problem to use a standard vacuum electrode system.

Technical Specifications

- PRO model (separate patient cable is required)
Dimensions & Weight: 147x108x32.5 mm, 212g (.47 lbs)
Power Supply: Powered via USB interface
Computer interface: USB
- MD model (separate patient cable is required)
Dimensions & Weight: 285x180x50 mm, 1394g (3 lbs)
Power Supply: 9v battery
Computer Interface: USB or PCI

Computer Specs (for Exercise only)

Minimum Computer Requirements (recommended)

Processor: Pentium III (Pentium IV)

Memory: 256 MB (512 MB or higher)

Monitor Resolution: 1024x768 True colour

Hard Disk: 2 GB (4 GB or higher)

Operating System: Windows 2000/XP

Installation requires a CD-ROM

Ordering Information

MDS-USB	Desktop Stress ECG System with USB interface
MDS-PCI	Desktop Stress ECG System with PCI interface
SE-C-EUR-CLP	MD Stress ECG Patient Cable (Europe)
SE-C-USA-CLP	MD Stress ECG Patient Cable (USA)
WA PCE-200	PRO Stress ECG System
SE-PC-EUR-CLP	PRO Stress ECG Patient Cable (Europe)
SE-PC-USA-CLP	PRO Stress ECG Patient Cable (USA)



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