

Welch Allyn PC-Based Exercise ECG Test System

Technical Specifications

Acquisition Module

- Dimensions (L x W x D): 5.3" x 4.1" x 1.4" (135 mm x 105 mm x 35 mm)
- Weight: 4.8 ounces (135 g)
- Integrated defibrillation protection
- 10-lead patient cable
- Frequency response: 0.05—150 Hz
- Sampling rate: 600 sps



Filters

- 25/35 Hz muscle tremor filter
- Selectable 50/60 Hz
- Digital baseline filter

Minimum Computer Requirements (Recommended)

- Tower or desktop PC configuration
- Processor: P4 or higher
- Ports: 3 USB and 2 serial
- Memory: 1 GB or higher
- Monitor: 1280 x 1024 true color, 17" or higher
- Hard disk: At least 40 GB with 10 GB available
- Operating system: Windows® 2000 SP4 or XP SP2
- I/O: CD-RW (required for installation)
- Peripherals: Keyboard, mouse and printer (color recommended for Spiro)
- Internet connection required for Telemedicine option or to allow Welch Allyn to provide on-line technical support
- PC running only CPWS and EMR application during tests

Note: All CardioPerfect installations include a free MSDE SQL license. This version of SQL allows up to 2 GB of data to be stored (this will accommodate approximately 1,500 stress tests, depending on the file size). Licenses can be purchased from Microsoft for versions of MS SQL that allow for unlimited storage.

Software

- Monitoring formats: 1 x 12, 4 x 3, 2 x 6
- Print formats: 3 x 4, 2 x 6, Summary, ST Trends, ST Measurements, Average Complexes and Full Disclosure
- Print speeds: 5, 10, 12.5, 25, 50 and 100 mm/sec
- Lead sensitivity: 5, 10 and 20 mm/mV

Treadmill (Trackmaster)

- .5 to 12 mph
- 0 to 25% elevation
- 22" x 63" running surface
- 2 hp motor; 220 volt
- Antislip strips
- Ultraquiet, long running surface
- User capacity: 400 lbs
- Floor surface requirements: Level 33" x 88" surface



Bike (Ergonomic—Corival)

- Dimensions (L x W x D): 45.3" x 23.6" x 45" (115 cm x 60 cm x 114 cm)
- Weight: 123.5 lbs (56 kg)
- Maximum weight of rider: 353 lbs (160 kg)
- Power requirements: 115/230 VAC, 50/60 Hz (130 VA)
- Adjustable seat and handlebars



Available in Europe only

Ordering Information

PCE-210 PC-Based Exercise ECG Test System	#CPSP-UN-UC-D-PT	#CPSP-UN-UC-D-P	#CPSP-UN-UC-D-T
12-lead Exercise ECG Test System	•	•	•
Welch Allyn CardioPerfect™ Workstation Software	•	•	•
Resting ECG Functionality	•	•	•
Digital ECG Patient Cable with USB Connections	•	•	•
Treadmill	•		•
Stress Belt, Stress Electrodes, Manual	•	•	
Desktop Computer, Laser Printer and Cart	•	•	

Note: To add MEANS Interpretation to the PCE-210 systems, use part number RE-SW-MEANS

Accessories

RE-SW-MEANS	MEANS ECG Interpretation and Measurements Program
45003-0000	Exercise Stress Electrodes (500/case)
SE-PC-AHA-CLIP	Patient Cable, Stress, PRO, CLIP, AHA
PRO-60024	PROLINK USB Cable Assembly (3 m)
PRO-60025	PROLINK USB Cable Assembly (5 m)
SE-PRO-BELT	Stress Belt and Pouch
08280-0000	Stress Test Cart

CPT Codes

93015	Cardiovascular stress test using maximal or submaximal treadmill or bicycle exercise, continuous electrocardiograph monitoring, and/or pharmacological stress; with physician supervision, with interpretation and report
93016	Same as above; physician supervision only, without interpretation and report
93017	Same as above; tracing only, without interpretation and report
93018	Same as above; report and interpretation only

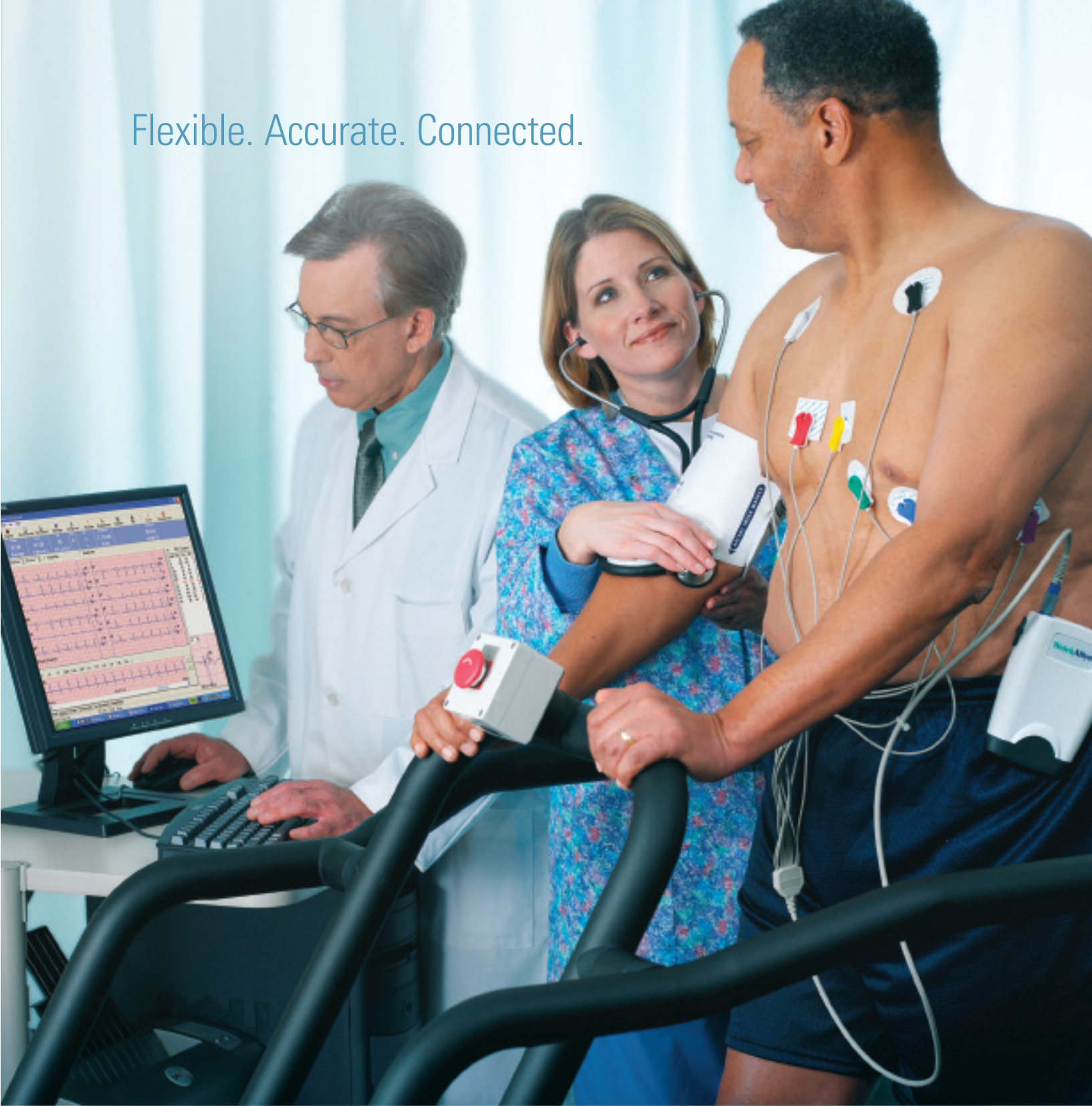
To learn more about the Welch Allyn Exercise ECG Test System or to request a demonstration, contact your Welch Allyn representative. You'll find a solution that not only improves patient care, but provides priceless peace of mind.

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WelchAllyn®

Advancing Frontline Care™

Flexible. Accurate. Connected.



Welch Allyn PC-Based Exercise ECG Test System

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Advancing Frontline Care™

Experience the Power and Flexibility of the Welch Allyn Exercise ECG Test System



NEW! Stop/Start button is now moveable

The Welch Allyn Acquisition Module is a lightweight, portable device that connects your PC to your patient.

The Welch Allyn PC-Based Exercise ECG Test System:

- Multiple clinical features will meet your testing requirements
- Performs all commonly used stress protocols, and has the ability to customize additional protocols for personal preference
- Displays leads in 3-, 6- or 12-lead screen formats
- ST measurements reference point can be modified at any point before, during, or after the test
 - > Calculates average ECG complexes at regular intervals and superimposes them on a reference ECG complex, which highlights ST changes in detail
 - > Displays ST level and slope measurements both in a trend graph and in a table during the test
- Detection of leads-off, arrhythmias, and pacemakers
- Calculates Duke Score and supports Borg Scale (patient effort) entry
- Prints reports automatically or on demand including full disclosure, 2 x 6 and 4 x 3 leads, averages, trend graphs, tabular reports and summary reports
- Customizable summary report allows you to select relevant test information, including trend graphs
- Stores every beat of all 12 leads for the entire test
- Transfers all data to the Welch Allyn CardioPerfect™ Workstation Software system for:
 - > Storage
 - > Detailed review
 - > Comparison to other diagnostic tests
 - > Download to leading EMR systems
- Connects directly to a larger database so that you can use Welch Allyn advanced database functionality and paperless storage to manage your diagnostic tests
- Enter patient test data anytime before, during or after the test to match your workflow

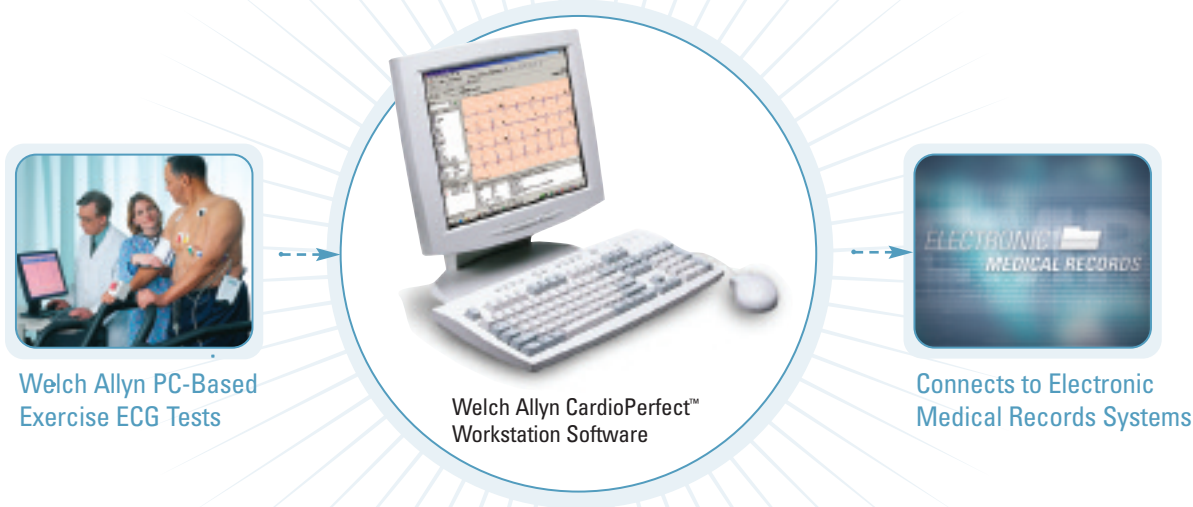
Easy-to-view screens give you the data you'll need

Continuously updated ST table highlighting lead with greatest ST.

Stage by stage summary of averages for each lead.

Program your own views for reviewing the test after completion.

Get Connected to Your EMR through the Welch Allyn CardioPerfect™ Workstation Software



The Welch Allyn Exercise ECG Test System downloads information to the Welch Allyn CardioPerfect™ Workstation Software, which provides paperless efficiency as well as connectivity to many leading EMR systems. This software puts patient records from a variety of Welch Allyn diagnostic instruments at your fingertips, giving you the ability to store, access, review, compare and edit diagnostic test data from any computer on your network.

- Retrieve records with the touch of a key, and review and edit right on the screen
- Store thousands of records with ease
- Access information from your exam rooms, your office, or at home
- Fax or e-mail reports directly for consults
- Copy and paste ECG strips, e.g., into Microsoft® Word
- Integrate with other patient information systems (e.g., billing, medical record)
- Use passwords to assign/limit tasks so that data integrity is maintained