

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 XP SP2 (32-bit) or later, Vista Business SP1 or later (32-bit and 64-bit), Windows 7 Home Premium, Professional and Ultimate (32-bit and 64-bit)
- I/O: CD-RW
- 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 EHR application during tests

Note: All CardioPerfect installations include a free MSDE SQL or SQL 2005 Express license.

- MSDE SQL allows up to 2 GB of data to be stored, which will accommodate approximately 1,500 stress tests—depending on test duration.
 - SQL 2005 Express allows up to 4 GB of data to be stored and will accommodate approximately 3,000 stress tests—also depending on test duration.
- Licenses can be purchased from Microsoft for versions of MSDE that will 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)

- 0.5 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: 500 lbs
- Floor surface requirements: Level 33" x 88" surface



Bike (Ergometer—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

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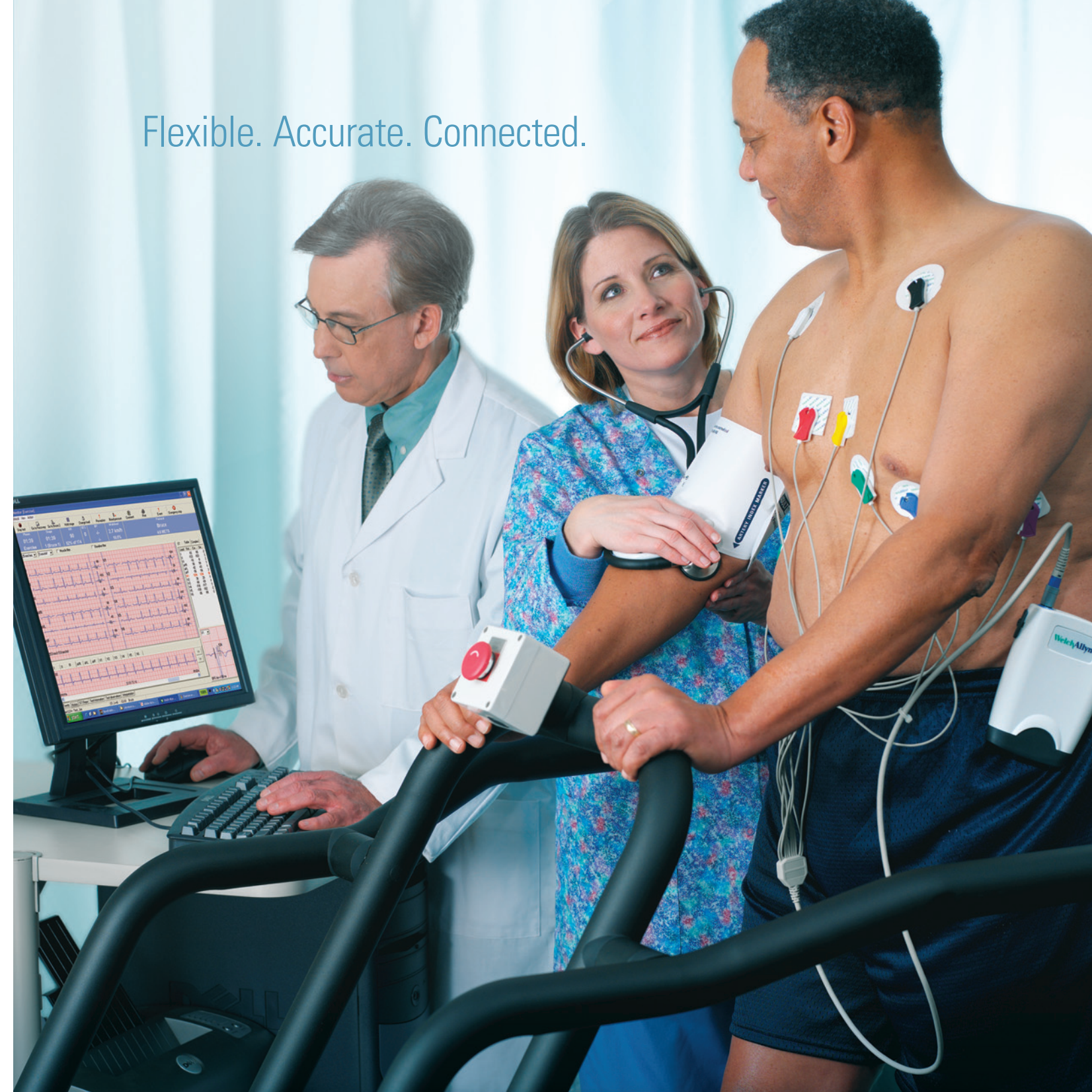
To learn more about the Welch Allyn Exercise ECG Test System or to request a demonstration, contact your Welch Allyn representative. You'll find a solution that not only improves patient care, but provides priceless peace of mind.

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Advancing Frontline Care™

Flexible. Accurate. Connected.



Welch Allyn PC-Based Exercise ECG Test System

WelchAllyn®

Advancing Frontline Care™

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



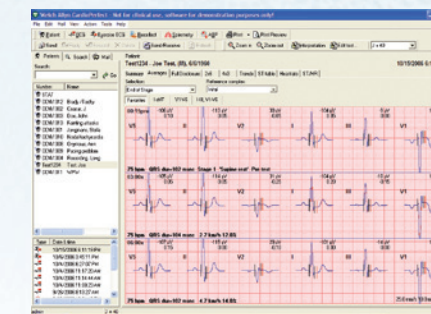
NEW! Stop/Start button is now moveable

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

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



Continuously updated ST table highlighting lead with greatest ST.

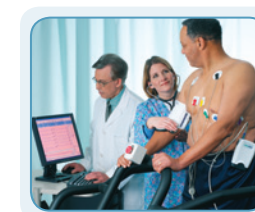


Stage by stage summary of averages for each lead.

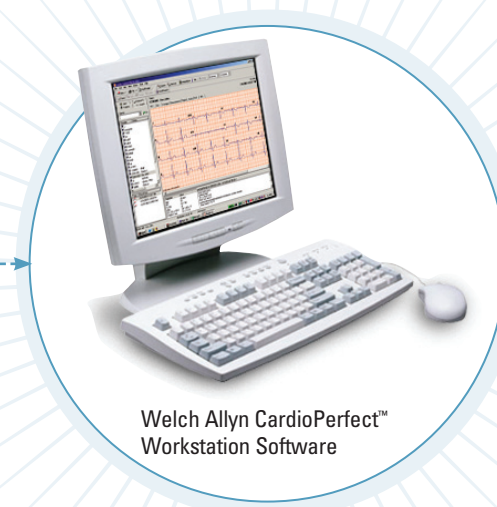


Program your own views for reviewing the test after completion.

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



Welch Allyn PC-Based Exercise ECG Tests



Welch Allyn CardioPerfect™ Workstation Software



Connects to Electronic Health Record Systems

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:
 - > Storage
 - > Detailed review
 - > Comparison to other diagnostic tests
 - > Download to leading EHR 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

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 EHR 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
- Create PDF or TIFF formatted report to e-mail/fax directly for consult
- 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