Spend less time with paperwork and more time with your patients.

The Welch Allyn PC-Based Resting ECG
Convert to digital PC-based ECG technology and boost your efficiency with the Welch Allyn PC-Based Resting ECG

Tired of printing, scanning and shredding ECG records?

Improve Workflow and Efficiency
- Preview a complete 12-lead report on large-screen prior to printing and eliminate repeat ECGs
- ECG measurements speed physician review and interpretation
- Flexible reports that you can print on plain (standard) paper using an inkjet or laser printer. No need for expensive thermal paper.
- No more fading problems

Make Clinical Decisions with Confidence
- Serial comparison of previous ECGs to highlight changes
- Easily monitor patients with intermittent arrhythmias
- Connect with your EHR and eliminate the need to sort through lengthy paper reports or interpret hard-to-read faxed copies of test results

All the benefits of a full-featured, PC-based ECG in an affordable solution that speeds the turnaround of test results, makes patient diagnostic information more readily available and enhances communication for you, your staff, and your patients.

Bidirectional Connectivity Right at Your Fingertips
While most devices only push information out to the EHR, our bidirectional connectivity when you use one of our 10 certified partners, enables immediate sharing of patient demographics and then critical test data between the EHR and the ECG so information is immediately available for review anytime, anywhere. The benefit? You eliminate transcription errors because you don’t have to continually re-enter data.

Data Access Where and When You Need It
Maximize the power of your PC-Based ECG with the paperless efficiency and connectivity of the Welch Allyn CardioPerfect™ Workstation software.

Efficient Diagnosis
Optional MEANS ECG interpretation software available for both adults and pediatric patients. Use on-screen report editor to change or add a diagnosis in seconds. Or select from preset menus customized to your needs, for simplified review and editing of diagnostic tests.

Improved Condition Management
Easily monitor trends and changes in patient history. Retrieve previous records with the touch of a key—no more digging through paper files looking for the right information.

Connect to your EHR
No printing or scanning, as data is already in the chart. Fax urgent referrals in no time directly from the system. And the database stores thousands of test records.

“The process of patient data gathering using the Welch Allyn product is excellent—now I don’t have to read 30 and 40 pages of ECGs. Now with the Welch Allyn devices, you hit one button and everything is there for you. The process is so streamlined now, and that allows me to focus more on my patients.”
—Sasha Van Dyke, Exercise Physiologist, Cardiology of Tulsa
Welch Allyn PC-Based Resting ECG

Technical Specifications

Digital ECG module
- Dimensions (L x W x D): 5.8” x 4.3” x 1.3” (147 mm x 108 mm x 32.5 mm)
- Weight: 8.4 ounces (includes battery)
- Integrated defibrillation protection
- Computer interface: USB
- 10-lead patient cable with banana electrode adapters
- Frequency response: 0.05 – 150 Hz
- Sampling rate: 600 sps

Filters
- 25 to 35 Hz muscle tremor filter
-Selectable 50/60 Hz

Software
- Monitoring formats: 1 x 12, 4 x 3, 2 x 6
- Print formats: 4 x 3, 2 x 6, average complexes, expanded measurements matrix and rhythm strips
- Print speeds: 5, 10, 12.5, 25, 50 and 100 mm/sec
- Lead sensitivity: 5, 10 and 20 mm/mV software
- Selectable QTc formula: Bazett, Hodges or Fridericia

Minimum Computer Requirements (Recommended)
- Configuration: Tower or Desktop PC preferred; Laptop or Tablet.
  Some tablet computers may not support data recording
- CPU: Pentium 4 (or equivalent) or higher
- Hard disk: 20 GB with 5 GB free space
- RAM: 512 MB, 1 GB or higher recommended
- Monitor Resolution: 1024 x 768 True Color, 1280 x 1024 recommended, 15” or higher
- Ports: 2 USB
- Operating system: Windows 2000 SP4, XP SP2 (32 bit) or later, Vista Business SP1 (32 bit) or later
- Peripherals: Color printer recommended for spirometry. Compatible with inkjet and laser printers

NOTES: Internet connection required for telemedicine option or to allow Welch Allyn to provide on-line technical support.
PC running only CardioPerfect Workstation and EHR application during tests.

Ordering Information

CPR-UN-UB-D PC-Based Resting ECG, noninterpretive software—12-lead resting ECG system including:
CardioPerfect™ Workstation software, digital ECG patient cable with USB connection, software
for resting ECG—ECG measurements, rhythm/manual mode, average complexes, serial comparisons
of ECGs and measurements, 500 resting tab electrodes and electronic operator’s manual

CPR-UI-UB-D PC-Based Resting ECG, interpretive software—12-lead resting ECG system including:
CardioPerfect™ Workstation software, digital ECG patient cable with USB connection, software
for resting ECG—ECG measurements/interpretation, rhythm/manual mode, average complexes,
serial comparisons of ECGs and measurements, 500 resting tab electrodes and electronic
operator’s manual

101442 CPWS Resting ECG, interpretive software, and Spirometry Module Bundle—
Includes all hardware components included in CPR-UI-UB-D and SPIRO-S

101444 CPWS Resting ECG, interpretive software, and ABPM 6100S Module Bundle—
Includes all hardware components included in CPR-UI-UB-D and ABPM 6100S

101455 CPWS Resting ECG, interpretive software, and SpiroPerfect and ABPM 6100S Module
Bundle—Includes all hardware components included in CPR-UI-UB-D, SPIRO-S and ABPM 6100S

CPT® Codes

93000 Electrocardiogram, routine ECG with at least 12 leads; with interpretation and report
93005 Tracing only, without interpretation and report
93017 Interpretation and report only
93040 Rhythm ECG—1 to 3 leads, with interpretation and report

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