

# WELCH ALLYN PC-BASED RESTING ECG

*the perfect choice*

## **An ECG system for today and into the future**

The Welch Allyn PCR PC-Based Resting ECGs turn any PC into a full-featured electrocardiograph. Intuitive Windows® operation makes it easy for your staff to learn and use, while the power and features of a PC-based system will save money and increase utilization of existing equipment. And with its ability to connect with leading EMR systems, you'll be able to spend less time with your paperwork and more time with your patients.



## **Testing Features**

- Preview a complete 12 lead report on-screen prior to printing  
Large screen display saves time. Eliminates repeat ECGs
- ECG measurements speed physician review and interpretation
- Programmable report formats
- Print reports on plain (standard) paper using an ink jet or laser printer. No need for expensive thermal paper. No more fading problems
- Using the on-screen ECG report editor, change or add a diagnosis. Or use a menu of preset diagnostic statements which can be customized to your requirements
- Serial comparison of previous ECGs to highlight changes
- Easily monitor patients with intermittent arrhythmias
- Optional ECG interpretation is available
- Upgradeable – leverage your investment by adding stress or other future Welch Allyn diagnostics

## **The Welch Allyn CardioPerfect™ Software System**

The Welch Allyn PCR PC-Based Resting ECGs are part of the Welch Allyn CardioPerfect™ Workstation software. The Workstation is an electronic database for diagnostic records providing paperless efficiency and connectivity. Combined with other Welch Allyn diagnostic modules, the Welch Allyn CardioPerfect Workstation gives complete access to all diagnostic tests for each patient.

- Retrieve previous records with the touch of a key – no more digging through paper files looking for the right information
- On-screen review and editing of diagnostic tests
- Database stores hundreds of thousands of test records
- Access information from exam rooms or your office, virtually anywhere across your network
- Fax reports directly for consults
- Copy and paste ECG strips e.g. into Microsoft® Word or email
- Integration with other patient information systems (e.g. billing, medical record)
- A vital component of any HIPAA compliant program
- Admin functions
  - Use passwords to control staff access
  - Assign/limit tasks, e.g. only a physician can edit an interpretation
  - Database maintenance
  - Backup utilities

*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™

WELCH ALLYN

# PC-BASED RESTING ECG

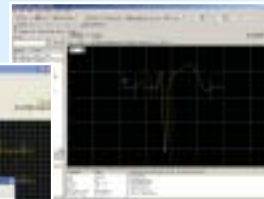
*the perfect choice*



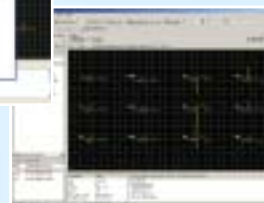
ECG strip



ECG interpretation



ECG averaged complex zoom comparison



ECG averaged complex comparison

## Technical Specifications

### Digital ECG module

- Dimensions (L x W x D): 5.3" x 4.1" x 1.4" (147mm x 108mm x 32.5mm)
- 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

- 35 Hz muscle tremor filter
- Selectable 50/60Hz

### Software

- Monitoring Formats – 1 x 12, 3 x 4, 2x6
- 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)

Processor: Pentium II (Pentium III or higher)

RAM Memory: 128 MB (256 MB or higher)

Monitor Resolution: (1024 x 768 true color)

Operating Systems: Windows 95/98/2000/ME/XP NT 4

CD-Rom: Required for installation

Printers: Compatible with inkjet and laser printers. Laser printers require a minimum of 2 MB of memory

USB Connection

## Ordering Information

**PCR-100 PC-Based Resting ECG non-interpretive software — CPR-UN-UB-D**  
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

**PCR-100i PC-Based Resting ECG interpretive software — CPR-UI-UB-D**  
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

## 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

