



## > CARDIOPULMONARY

### Electrocardiographs

> CP 100	90
> CP 200 with Optional Spirometry	91
> CP 100/CP 200 Accessories	92
> PC-Based Exercise Stress ECG	93
> PC-Based Resting ECG	94
> Pocket PC-Based Resting ECG	94

### Spirometry

> PC-Based SpiroPerfect Spirometer	95
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### Ambulatory Blood Pressure Monitor

> ABPM 6100S	96
> Holter Software	97
> Holter Recorders	98

# 90 Electrocardiographs

## CARDIOPULMONARY

High-Resolution Thermal Printer

Lead Quality Graphic



**CP1-1E1**  
Noninterpretive 12-Lead  
Multichannel ECG

Full Alphanumeric Keyboard



## CP 100™

A reliable, easy-to-use, and cost-effective ECG device for almost any office setting.

- > A 12-lead resting ECG that provides accurate measurements
- > Optional MEANS ECG interpretation software for a second opinion
- > High-resolution thermal printer generates full-sized standard and customized reports
- > Lead quality graphic saves valuable time by highlighting poor connections
- > Full alphanumeric keyboard and LCD screen for easy patient data entry

**CP1-1E1** Noninterpretive 12-Lead Multichannel ECG

**CP1A-1E1** Interpretive 12-Lead Multichannel ECG

## CP 100 Accessories

**401150** Product Information CD

**703228** Directions for Use Manual (printed)



**94018-0000**  
CP 100 and CP 200 Chart Paper



## CP 200™ with Optional Spirometry

An easy-to-use, full-featured device with advanced options to help streamline office workflow.

In addition to all of the features in the CP 100, the CP 200 includes the following:

- > Large color LCD screen allows you to easily preview critical information on screen easily
- > Save time by using dedicated function keys to perform the most common functions without scrolling through menus
- > Store up to 50 ECGs and 50 spirometry tests for later review and editing of patient data and interpretation
- > Easily connect directly to Welch Allyn CardioPerfect™ Workstation Software through cable interface for EMR connection
- > Optional spirometry testing and optional MEANS interpretation software for a second opinion

**CP2-1E1** Noninterpretive 12-Lead Multichannel ECG

**CP2A-1E1** Interpretive 12-Lead Multichannel ECG

**CP2S-1E1** Noninterpretive 12-Lead Multichannel ECG with Spirometry Option

**CP2AS-1E1** Interpretive 12-Lead Multichannel ECG with Spirometry Option



## Welch Allyn CP 200™ with Optional Spirometry Accessories

- > Performs FVC, SVC, and Pre/Post BD testing with automatic interpretation and reversability analysis
- > Improve test quality and patient coaching with our on-screen quality messages and variability checks
- > Customize report formats and screen displays to fit your needs and workflow
- > Perform single or multiple flow calibration with automatic printing to save time

**100400** Spirometry Upgrade

**703337** Effort Acceptability Poster

**401151** Product Information CD

**701557** Directions for Use Manual (printed)

# 92 Electrocardiographs

CARDIOPULMONARY

## CP 100™/CP 200™ Accessories

Consumables and accessories for optimal operation and convenience.

### ECG Accessories

- 45008-0000** Resting Tab Electrodes (box of 1,000) 100 ECGs
- 94018-0000** Paper—CP 100 and CP 200 (200 sheets/pack, 5 packs/case)
- 08265-0000** ECG Utility Cart
- 401393** Office Cart
- 401394** Hospital Cart
- 401161** Cable Arm and Shelf Option
- 701586** Dust Cover, CP 100/CP 200
- 400293** Patient Cable, 10-lead, resting ECG, AHA CP 100/CP 200
- 401129** 10-lead Replaceable Lead Set, AHA, Banana clip, four limb leads and six precordial (for use with 400293)
- 401123** 10-Lead Replaceable Lead Set, AHA, Pinch Clip, four limb leads and six precordial (for use with 400293)
- 100638** CP 100 and CP 200 Connectivity Kit to the CardioPerfect™ Workstation
- 58581-0000** Alligator Clips (set of 10)

### Spirometry Option Accessories

- 703418** Disposable Spirometry Flow Transducers (25 pack)
- 703419** Disposable Spirometry Flow Transducers (100 pack)
- 703415** Pressure Tubing, CPWS, CP 200, 2 m
- 100680** Spirometry Nose Clips (25 pack)
- 100623** Interpretation Upgrade (must provide system serial number)
- 71038-3000** Spirometry Reference Chart
- 703480** Calibration Syringe





**CPSP-UN-UC-D-PT**  
PCE-210 PC-Based Exercise Stress System

### PC-Based Exercise Stress ECG

Turns any PC into an all-in-one, high-performance, low-cost stress test system. Has everything you need, including the ability to simultaneously monitor 12 leads on screen with programmable reports and protocols.

- > 12-lead ECG mode for baseline ECGs
- > Select any of the commonly used stress protocols or customize your own
- > Records and monitors all 12 leads simultaneously
- > View any leads in 3-, 6- or 12-lead screen formats
- > Reports can be printed on demand or at predefined intervals
  - > Scroll-back function for easy confirmation of ECG abnormalities
  - > Arrhythmia detection is available throughout the test
  - > All data is stored on the hard drive, allowing access to the original test results at any time

- CPSP-UN-UC-D-PT** PCE-210 PC-Based Exercise Stress System with Computer, Printer and Treadmill
- CPSP-UN-UC-D-P** PCE-210 PC-Based Exercise Stress System with Computer and Printer, no Treadmill
- CPSP-UN-UC-D-T** PCE-200 PC-Based Exercise Stress System (treadmill only)



**SE-PC-AHA-CLIP**  
10-Lead Stress Patient Cable

### PC-Based Exercise ECG Accessories

<b>08126-0003</b>	Treadmill Trackmaster TMX 425 220 Volts 0.5-10 MPH, 0-25% Elevation
<b>08126-0007</b>	Treadmill Trackmaster TMX 425 220 Volts KPH, 0-25% Elevation
<b>08280-0000</b>	Stress Test Cart
<b>SE-PRO-600</b>	Digital ECG Module
<b>45003-0000</b>	Exercise Test Electrodes (case of 500)
<b>SE-PC-AHA-CLIP</b>	10-Lead Stress Patient Cable, AHA, Pinch Clip, for use with SE-PRO-600
<b>SE-PRO-BELT</b>	Pouch and Belt for SE-PRO-600
<b>TM-CABLE</b>	TMX 425 Treadmill Interface Cable
<b>PRO-60024</b>	USB Cable, 9.8 ft, 3 m
<b>PRO-60025</b>	USB Cable, 16.5 ft, 5 m

# 94 Electrocardiographs

## CARDIOPULMONARY



### PC-Based Resting ECG

Turns 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 save money and increase utilization of existing equipment.

- > Large screen display saves time and eliminates repeat ECGs
- > ECG measurements speed physician review and interpretation
- > Programmable report formats that print on plain paper using inkjet or laser printer
- > On-screen ECG report editor lets you change or add a diagnosis
- > Serial comparison lets you compare previous ECGs to highlight changes
- > Optional ECG interpretation available
- > Upgradeable—leverage your investment by adding stress, spirometry and/or ABPM modules to complete your cardiopulmonary suite

#### CPR-UI-UB-D

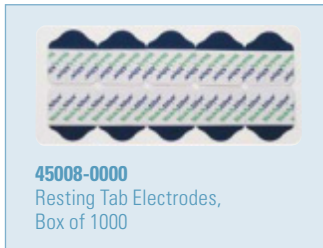
PCR-100i PC-Based Resting ECG, Interpretive Software—12-Lead Resting ECG System

#### CPR-UI-UB-D

PCR-100i PC-Based Resting ECG, Interpretive Software—12-Lead Resting ECG System

#### CPR-UN-UB-D

PCR-100 PC-Based Resting ECG, Noninterpretive Software—12-Lead Resting ECG System



**45008-0000**  
Resting Tab Electrodes,  
Box of 1000

### PC-Based Resting ECG Accessories

**08265-0000** ECG Utility Cart

**SE-PRO-600** Digital ECG Module

**RE-SW-MEANS** MEANS ECG Interpretation and Measurements Program

**RE-PC-AHA-BAN** 10-Lead Patient Resting Cable, AHA, 4 mm Banana Clip, for use with SE-PRO-600

**45008-0000** Resting Tab Electrodes (box of 1,000) 100 ECGs

**58581-0000** Alligator Clips (set of 10)

**PRO-60023** USB Cable, 6.5 ft, (2 m)

### Pocket PC-Based Resting ECG



#### CPE-CN-UB-D

CER-100 Handheld Resting ECG  
Noninterpretive Software  
(Digital Organizer not included)

A powerful ECG that fits in the palm of your hand. Based on the Windows® CE (Pocket PC) platform, this convenient unit lets you take ECGs in remote locations without transporting bulky equipment. Perfect for homecare professionals and hospital departments.

- > Records a standard 12-lead ECG; calculates and displays the average heart rate
- > Review recorded ECGs on screen, then enter comments that will transfer with the patients' test results to Welch Allyn CardioPerfect Workstation Software for further analysis, storage, viewing and printing
- > Includes ECG Software, PC Interface and Welch Allyn CardioPerfect ECG Recorder

#### CPE-CN-UB-D

CER100 Handheld Resting ECG Noninterpretive Software—12-Lead Resting ECG System for CE Based Handheld Devices

### Pocket PC-Based Resting ECG Accessories

**SE-PRO-600** Digital ECG Module

**PE-PROLINK** iPaq Interface Cable

**PRO-60040** Power Cord for Charger

**PRO-60019** Battery Pack



**SPIRO-S**  
SpiroPerfect Module



**SPIRO-S**  
SpiroPerfect Module  
(laptop not included)

## PC-Based SpiroPerfect™ Spirometer

See and compare accurate results from pulmonary function tests in seconds. Clearly evaluate pulmonary obstruction or restriction, increase success rates of patients who are undergoing smoking cessation, show progress, and help pediatric patients comply with test procedures.

- > Fast, reliable pre-/postbronchodilator FVC, SVC and MVV testing with automatic interpretation and reversibility analysis
- > Instantly verify quality and variability of test performance and compare previous tests using the trending tool
- > Motivate children with incentive graphic
- > Reduce risk of cross contamination with single-use disposable transducers
- > Easily monitor, review, store and print on your computer with Welch Allyn CardioPerfect™ Workstation Software
- > Interface with EMR or patient management systems for onsite or offsite review of key data

**SPIRO-S** SpiroPerfect Module, CPWS, with 3-liter calibration syringe (Includes: sensor, pressure tubing, four flow transducers, electronic operator's manual, latest CPWS SW CD, two training posters and quick reference card)

**SPIRO-NS** SpiroPerfect Module, CPWS, without 3-liter calibration syringe (Includes: sensor, pressure tubing, four flow transducers, electronic operator's manual, latest CPWS SW CD, two training posters and quick reference card)

## PC-Based SpiroPerfect™ Spirometer Accessories

**703418** Disposable Flow Transducers (25 pack), CPWS, CP 200

**703419** Disposable Flow Transducers (100 pack), CPWS, CP 200

**703415** Pressure Tubing, CPWS, CP 200, 2 m

**100680** Spirometry Nose Clips (25 pack)

**703480** Syringe, Calibration, 3-liter, CPWS, CP 200, SPIRO

**71038-3000** Spirometry Reference Chart

**703337** Effort Acceptability Poster

**703413** CPWS Spiro Tutorial CD



**703480**  
Syringe

**703415**  
Pressure Tubing

**703418**  
Disposable Flow  
Transducers

**100680**  
Spirometry Nose Clips

# 96 Ambulatory Blood Pressure Monitor

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**ABPM-6100**  
Ambulatory Blood Pressure Recorder

## ABPM 6100S

Accurate 24-hour ambulatory blood pressure monitoring with simple, one-button operation and powerful Windows®-based reporting software.

- > Oscillometric technology allows for easy patient hook-up
- > Lightweight, compact and quiet for improved patient compliance
- > Dynamic inflation automatically limits maximum cuff pressure for patient comfort
- > 100% latex-free cuffs reduce risk of allergic reactions
- > Part of the Welch Allyn CardioPerfect™ Workstation Software which provides versatile data storage and transfer of patient data to many leading EMRs
- > New sleeve cuffs are machine washable due to removable bladder

**ABPM-6100S** Ambulatory Blood Pressure System, includes Software

**ABPM-6100** Ambulatory Blood Pressure Recorder

## ABPM 6100S Accessories

- 6100-10** ABPM 6100 Cuff, Child (160-218 mm)
- 101340** ABPM 6100 Sleeve Cuff, Small Adult (18-27 cm)
- 101341** ABPM 6100 Sleeve Cuff, Adult (25-35 cm)
- 101342** ABPM 6100 Sleeve Cuff, Adult Plus (33-40 cm)
- 101343** ABPM 6100 Sleeve Cuff, Large Adult (39-46 cm)
- 5082-94-3** Child Disposable Cuffs
- 5082-95-3** Small Adult Disposable Cuffs
- 5082-96-3** Adult Disposable Cuffs
- 5082-97-3** Large Adult Disposable Cuffs
- 5100-42E** Patient Diaries (set of 50)
- 5100-44** Cuff Anchoring Pads
- 6100-21** ABPM Custom Pouch
- 6100-22** ABPM 6100 Shoulder Strap (black)
- 6100-23** ABPM 6100 Waist Belt (black)
- 6100-24** ABPM 6100 PC Interface Cable
- 6100-25** ABPM 6100 "Y" Calibration Check Fitting

**ABP-SW** CardioPerfect ABPM SW Upgrade



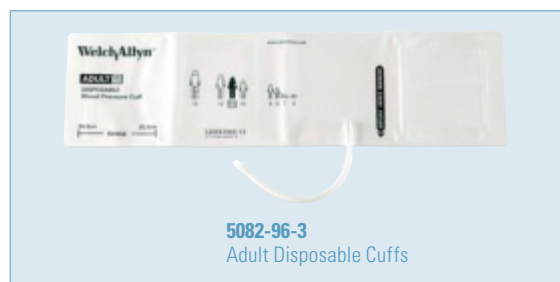
**5100-42E**  
Patient Diaries

**6100-24**  
ABPM 6100 PC Interface Cable

**6100-21**  
ABPM Custom Pouch

**6100-22**  
ABPM 6100 Shoulder Strap

**101343**  
Large Adult Sleeve Cuff



**5082-96-3**  
Adult Disposable Cuffs



### System Software Specifications for PCH-100

#### Minimum System Requirements

- > Windows® 2000, XP
- > 300 MHz Pentium processor or faster
- > 256 MB RAM
- > 40 GB hard drive
- > Mouse and keyboard
- > Compact Disc reader
- > Printer with 300 dpi resolution
- > USB 1.1 or 2.0—2 USB ports
- > CD writer or equivalent for data backup
- > 1024 x 768 screen resolution

## Office Holter Software (PCH-100)

Easy-to-use software with detailed analysis, fast transfer of recordings and custom report formats.

- > An intuitive menu allows you to easily program your study using Start Test Wizard
- > Transfer recordings in just minutes—the results can be ready for your immediate review even before your patient leaves the office
- > Highlight key areas for further analysis with our unique summary results presentations
- > View a live preview display of the ECG for lead quality verification
- > Format your reports to provide information you need in the format you want
- > Adjust clinical parameters to match your practice needs

### PCH-100 Welch Allyn Office Holter

- 100710** PCH-100 Office Holter Software Kit (Includes: software, one HR-100 Holter Recorder with 7-lead Patient Cable)
- 100711** PCH-100 Office Holter System (Includes: PC, 17" Monitor, Laser Printer, Holter Software, one HR-100 Holter Recorder with 7-lead Patient Cable)
- 101510** PCH-100 Standalone Holter Software without Recorder
- 101511** PCH-100 LAN-3-user Holter Software without Recorder

## Expert Holter Software (PCH-200)

In addition to all of the features offered in the PCH-100 software, the PCH-200 software also offers the following:

- > Review detailed views of results from any entry point: Forms, Arrhythmias, Heart Rate and FD review modes
- > Review and edit down to the beat level from every review mode
- > Relabel beats individually or as a form
- > Manually mark/label/insert ECG strips as required
- > Mark and label regions as artifact
- > Adjust clinical limits, leads used and filters
- > Control speed and resolution of full-disclosure review with Autopaging function
- > Record results as you move through the editing process with the Floating report interpretation window
- > Use the Reanalyze function to eliminate a bad channel
- > Administrative functions with password log-on controls to support your program for HIPAA compliance



### System Software Specifications for PCH-200

#### Minimum System Requirements

- > Windows® 2000, XP
- > 300 MHz Pentium processor or faster
- > 256 MB RAM
- > 40 GB hard drive
- > Mouse and keyboard
- > Compact Disc reader
- > Printer with 300 dpi resolution
- > USB 1.1 or 2.0—2 USB ports
- > CD writer or equivalent for data backup
- > 1024 x 768 screen resolution

### PCH-200 Welch Allyn Expert Holter

- 100712** PCH-200 Expert Holter Software Kit (Includes: Software, one HR-300 Holter Recorder with 7-lead Patient Cable)
- 100713** PCH-200 Expert Holter System (Includes: PC, 17" Monitor, Laser Printer, Holter Software, one HR-300 Holter Recorder with 7-lead Patient Cable)
- 101512** PCH-200 Standalone Holter Software without Recorder
- 101513** PCH-200 LAN-3-user Holter Software without Recorder

## 98 Holter Recorders

### CARDIOPULMONARY



**HR-100**  
Shown with 7-Lead Patient Cable (704547)



**704545**  
5-Lead Patient Cable

### HR-100 Holter Recorder

Holter recording in an incredibly small package—note that either the HR-100 or HR-300 can be used with either software system.

- > 2 or 3 channel recording
- > 24 to 48 hours of recording time
- > Pacer detection
- > Wireless transfer of patient's ECG in real time to verify electrode quality and placement

**401700** HR-100 Holter Recorder with 5-lead cable

**401701** HR-100 Holter Recorder with 7-lead cable

### HR-100 Accessories

**704545** 5-lead Patient Cable, AHA, HR-100

**704547** 7-lead patient cable, AHA, HR-100

**704553** HR-100 Carrying Case

**08113-0002** 3-channel Holter Hookup Kit

**45002-0000** Holter Electrodes (500/case)



**HR-300**



**704549**  
7-Lead Patient Cable

### HR-300

Powerful features for the demanding user—note that either the HR-100 or HR-300 can be used with either software system.

In addition to the features offered in the HR-100, the HR-300 offers the following:

- > Display for real-time ECG preview or test programming
- > Remote initialization
- > 200, 500 or 1,000 sampling rate

**401704** HR-300 Holter Recorder with 7-lead cable

### HR-300 Accessories

**704549** 7-lead Patient Cable, AHA, HR-300

**704554** HR-300 Carrying Case

**08113-0002** 3-channel Holter Hookup Kit

**45002-0000** Holter Electrodes (500/case)