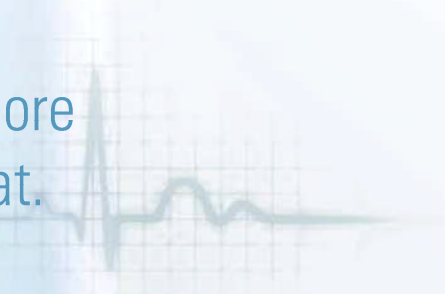Make your practice more
efficient in a heartbeat.

INTRODUCING

The Welch Allyn CP 100™ and CP 200™ Electrocardiographs

Welch Allyn®

Advancing Frontline Care™

Welch Allyn's powerful new ECGs were designed

Introducing a new family of multichannel electrocardiographs that are flexible enough to work in any setting. These reliable, easy-to-use devices were designed using proprietary Welch Allyn technology to make taking ECGs a snap. With an intuitive design and advanced software features, these EMR-ready devices can help make your practice more efficient by allowing you to quickly administer patient tests and manage patient information.

Welch Allyn CP 100™   Welch Allyn CP 200™

Welch Allyn CP 100 and CP 200 common features:

> Full alphanumeric keyboard and LCD display for fast and easy entry of patient information
> Advanced filters for optimal ECG trace quality ensure accurate readings
> Customizable report formats allow you to print information the way you need
> Battery operation lets you easily transport your device to the patient
> Instant-on feature powers the device up quickly and lets you take an ECG at a moment's notice
> EMR-ready devices can easily transfer patient information and test results to the patient's electronic medical record for analysis and long-term storage

from the ground up with one thing in mind—you.

The Welch Allyn CP 100 is a cost-effective ECG device designed for use in almost any office setting

Welch Allyn CP 100™

Take ECGs more efficiently with this easy-to-use, reliable device

> A non-interpretive 12-lead resting ECG that provides accurate ECG measurements
> Optional MEANS ECG interpretation software offers a second opinion
> Full alphanumeric keyboard and LCD screen allow you to enter patient data quickly
> High-resolution thermal printer generates standard full-sized reports in the format you need
> Help feature lets you access patient education tools as well as answer system operation questions
> Uses standard SD cards for virtually unlimited ECG data storage or to transfer data to the Welch Allyn CardioPerfect™ Workstation Software for analysis and/or transfer to an EMR
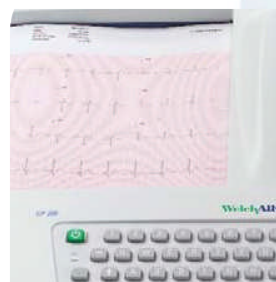
Lead Quality Graphic
Saves valuable time and ensures accurate data capture by highlighting poor connections

Alphanumeric Keyboard and Display
Enter patient data efficiently with this easy-to-use, full-sized keyboard and LCD display

Customizable Report Formats
Prints the chart-sized reports you want in the format that works best for you and your staff

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

The Welch Allyn CP 200 is a powerful, easy-to-use device featuring an intuitive design and color display that make taking ECGs easier

Welch Allyn CP 200™

Color LCD Screen
Large color LCD screen allows you to preview information on screen as well as review tests before printing

Dedicated Function Keys
Save time by using "hot" keys to perform the most common functions without looking through menus

Direct Connect Connectivity
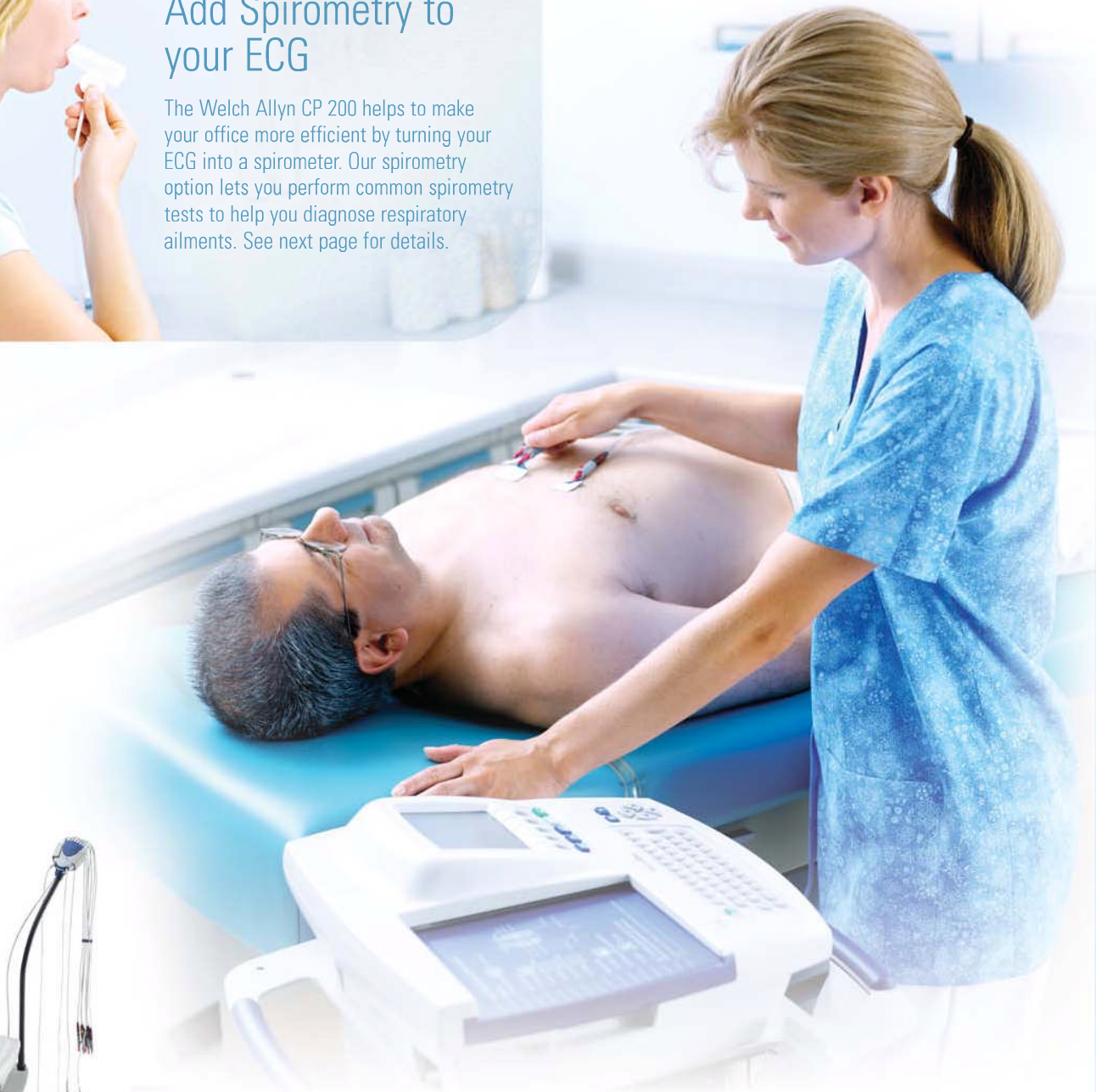*Connect to the Welch Allyn CardioPerfect™ Workstation Software and your EMR easily through a cable interface*

Same features as the CP 100 plus:

> Color ECG waveform preview screen makes it easier to read critical information

> Dedicated function keys speed access to common/typical actions

> Store up to 50 ECGs and 50 spirometry tests for later review and editing of patient data and interpretation, or add SD cards for virtually unlimited data storage

> Transfer patient data to the Welch Allyn CardioPerfect™ Workstation Software and your EMR via SD cards or via direct connection

> Use Schedule Test mode to program all patient information in at the beginning of the day so that you can use your time more efficiently

> Administrative functions with password log-on controls to support your program for HIPAA compliance

> Optional spirometry testing and optional MEANS interpretation ECG software

Add Spirometry to your ECG

The Welch Allyn CP 200 helps to make your office more efficient by turning your ECG into a spirometer. Our spirometry option lets you perform common spirometry tests to help you diagnose respiratory ailments. See next page for details.

❚ Common Components/Accessories of the CP 100 and CP 200 ❚

Optional ECG Cart
> Multiple storage options help you keep all accessories in one place
> Attractive, ergonomic design
> Hospital-grade wheels also available

Digital ECG Patient Cable
> Lead wires match their anatomical positions, speeding patient hookup while reducing tangling
> Individually replaceable lead wires are more cost-effective

Data Storage on SD Cards
> Virtually unlimited storage of ECG and spirometry tests
> Transfers data to the Welch Allyn CardioPerfect™ Workstation Software for easy retrieval, review, and storage

The Welch Allyn CP 200 with optional spirometer utilizes one platform for two different testing applications. You'll enjoy all the benefits of a full-featured ECG and spirometer with data organized in the same fashion to make it easier to manage.

Welch Allyn CP 200™ Combo— ECG with optional spirometry capability

Featuring a robust spirometry module for all your testing needs

> Performs FVC, SVC and pre- and post-BD testing with automatic interpretation and reversibility analysis

> Improve test quality and patient coaching with our on-screen quality messages and variability checks

> Educate your patients with our printed help tool summarizing their spirometry results

> Customize report formats and screen displays to fit your needs and workflow

> Spirometry tests meet all industry standards including ATS, OSHA, NIOSH, NLHEP and Social Security

> Perform single or multiple flow calibration with automatic printing to save time

> Automatic lung age calculation to help with smoking cessation programs

Disposable Flow Transducers
Designed for use by an adult or child, the breakaway feature minimizes risk of cross contamination. No sterilization, no cleanup— just safety and savings.

Large Color Display
Display real-time curves as Flow/Volume, Volume/Time, or Pre and Post on this easy-to-read color LCD display. All efforts are contrasted against a predictive curve for better coaching and easy comparison.

Pediatric Incentive Screen
Coach, motivate and make testing more fun. Because children understand how to help the fireman blow out the fire, the incentive screen helps children understand your goals and take the test more easily.

Use the Welch Allyn CardioPerfect™ Workstation Software to manage your ECG data

Easy-to-use, intuitive software that is EMR ready

The Welch Allyn CP 100™ and CP 200™ transfer information to the Welch Allyn CardioPerfect™ Workstation Software, which provides paperless efficiency as well as connectivity to many leading EMR systems. This software gives 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

> Integrate with other patient information systems

Welch Allyn CP 100™
Transfer information via SD card

Welch Allyn CP 200™
Transfer information via direct connection or SD card

Welch Allyn CardioPerfect™ Workstation Software

Transfer test data and patient information to individual patient records in your EMR for analysis and permanent storage

Additional Welch Allyn cardiopulmonary devices that work with the Welch Allyn CardioPerfect Workstation Software

> PC-Based Resting ECG

> Pocket PC ECG

> Exercise Stress ECG

> PC-Based Spirometer

> Holter

> ABPM

Welch Allyn has a full portfolio of diagnostic cardiopulmonary devices that can directly connect patient data to the CardioPerfect Workstation Software. These quality Welch Allyn devices all utilize similar designs and software, allowing you to provide the best care possible quickly and easily. You'll appreciate the flexibility this full suite of products delivers when your office personnel only have to manage one software interface for multiple devices.

Welch Allyn CP 100™ and CP 200™ Electrocardiographs

Feature Specifications

Dimensions	16.2" W x 15.6" D x 6.2" H (41.1 cm x 39.7 cm x 15.7 cm)
Weight	11.6 lb (5.3 kg) including battery
Waveform Display LCD	CP 100—monochrome, text only CP 200—color, text and ECG waveform
Keyboard Type	Elastomer keypad with complete alphanumeric keys, soft-key menu and dedicated function keys (CP 200 only)
Paper Type	8.25" x 11" (210 mm x 280 mm), Z-fold thermal 200 sheets per pack

Technical Specifications

Thermal Recorder	Computer-controlled dot array, 8 dots/mm Writer Speeds 10, 25, 50 mm/sec Gain Settings Auto, 5, 10, or 20 mm/mV
ECG Print Formats	Automatic mode: 4x3+1R, 4x3+3R, 2x6, 12-channel Rhythm mode: 3-, 6- or 12-channel (CP 100 3-channel only) Averages: 4x3 50 mm/sec, 2x6 50 mm/sec
ECG Storage	Up to 50 ECGs (CP 200 only)
Spirometry Storage	Up to 50 tests (CP 200 only)
Frequency Response	0.3 to 150 Hz
Digital Sampling Rate	>1,000 s/sec/channel
CMRR	Meets or exceeds EC11, typically 80 dB
Input Impedance	47 MΩ DC
Power Requirement	Universal AC power supply (100-240 VAC at 50/60 Hz) 65 VA
Battery	Rechargeable lead acid gel battery Prints up to 100 continuous ECGs per charge
Interpretation	MEANS interpretation program, Erasmus University Medical Center, Rotterdam

Filters	High Performance Baseline Filter 35 Hz Muscle Tremor Filter AC Interference Filter 50/60 Hz Meets or exceeds ANSI/AAMI EC11
Safety and Regulatory Compliance	ANSI/AAMI EC11 Class I, type CF defibrillation proof

Spirometry Technical Specifications

Spirometry Print Formats	FVC—Volume/Time, Flow/Volume, Both Volume/Time and Flow/Volume, Both Volume/Time and Tidal/Volume, SVC—Volume/Time
Spirometry Measurements	FVC, FIVC, FIV1, FIV1%, FEV0.5, FEV1, FEV2, FEV3, FEV5, FEV6, FEV1/FEV6, FEV0.5%, FEV1%, FEV2%, FEV3%, FEV5%, FEV6%, PEF, FEF25, FEF50, FEF75, FEF0.2-1.2, FEF25-75, FEF75-85, PIF, FIF50, FEF50/FIF50, FETSVC, ERV, IRV, VT, IC, BF, MV, Tin, Tex, Tin/Tex
Predictive Norms	Adult: Berglund 1963, Crapo 1981, ECCS/Quanjer 1993, Gulsvik 2001, Hedenström 1986, Knudson 1976, Knudson 1983, Kory 1961, Morris 1971, NHANES III 1999 [Default], Schoenberg 1978, Viljanen 1981 Pediatric: Berglund 1963, Dockery 1983, Hsu 1979, Knudson 1976, Knudson 1983, Koillinen 1998, NHANES III 1999 [default], Polgar 1971, Schoenberg 1978, Solymar 1980, Zapletal 1981
Spirometry Interpretation	1991 ATS Interpretation Standards
Volume Range	Lung Age Calculation 0-14 L
Flow Range	± 14 L/sec
Accuracy/Reproducibility	Meets or exceeds ATS 94
Safety and Regulatory Compliance	ATS, OSHA, NIOSH and SS
Warranty	3-year limited warranty, parts and labor

Ordering Information

CP 100	CP1-1E1—Non-interpretive CP1A-1E1—Interpretive
CP 200	CP2-1E1—Non-interpretive CP2A-1E1—Interpretive CP2S-1E1—Non-interpretive with spirometry CP2AS-1E1—Interpretive with spirometry
Includes the following accessories:	> Digital ECG patient cable > 10 replaceable lead wires with banana connectors > 10 resting tab electrode adaptors > 100 disposable tab electrodes > 1 pack of paper—200 sheets > AC power cord > CD includes Directions for Use, Physician's Guide to MEANS Analysis Program and Product Training Guide
With the Spirometry option	> 3-liter calibration syringe > 4 disposable flow sensors > 1 nose clip > User Guide—Printed and on CD

Accessories

45008-0000	Resting Tab Electrodes—(box of 1000) 100 ECGs
94018-0000	Paper: CP 100 and CP 200, 200 sheets/pack; 5 packs/case
401393	CP 100 and CP 200 Office Cart
08265-0000	ECG Utility Cart
401394	CP 100 and CP 200 Hospital Cart
401161	Cable Arm and Shelf Option
400293	Patient Cable, 10-lead, resting ECG, AHA CP 100/CP 200
58581-0000	Resting Tab Adapters (set of 10)
703418	Disposable Spirometry Flow Transducers, 25 pk
703419	Disposable Spirometry Flow Transducers, 100 pk
703145	2M Spirometry Pressure Tubing, CP 200
100680	Spirometry Nose Clips, 25 pk