



## Welch Allyn ABPM 6100S

Comprehensive blood pressure monitoring  
that brings patient comfort home.

**WelchAllyn®**

Advancing Frontline Care™

# Comprehensive Blood Pressure Monitoring with Simple One-Button Operation

The Welch Allyn ABPM 6100 is an easy-to-use 24-hour blood pressure monitor that allows you to identify white coat hypertension, take accurate sleep readings, and tailor drug therapy regimes to your individual patient's needs. It also provides you with powerful software that makes it more efficient to analyze blood pressure readings and diagnose potential patient complications. Plus the device comes with an innovative sleeve design that secures the cuff to your patient's arm, providing comfort for longer testing periods. With all this, the Welch Allyn 6100 improves blood pressure management for your patients and makes monitoring more effective and efficient for your practice.

○ Easily connects to cuff with built in screw connector

○ Simple one-button operation

○ Real-time clock facilitates diary notations

○ Blood pressure data saved on flash memory means no lost data and no repeated studies

○ Low power consumption:  
Requires only 2 AA batteries



A full range of sizes from Small Adult to Large Adult





## Welch Allyn CardioPerfect™ WorkStation Software

Powerful software that makes data management easier.

The Welch Allyn ABPM 6100S software system allows you to access your patient data with the Welch Allyn CardioPerfect™ Workstation software. The software manages data from the ABPM 6100S and other Welch Allyn cardiopulmonary devices in the same way, allowing you to store all of your patient information in the same record, with paperless efficiency and connectivity. This permits you to retrieve and analyze information quickly, allowing you and your staff to interact more efficiently with your patients. Then, if you're ready for an Electronic Medical Record (EMR), patient information and testing data can be easily transferred to many leading EMRs through a simple electronic interface.

### Features of Welch Allyn CardioPerfect Software:

- On-screen easy review and editing of diagnostic tests with predefined statements
- Database stores hundreds of thousands of test records (storage space of up to 2 GB)
- Access information from exam rooms or your office through a network
- Fax or create PDF reports (fax or PDF software not included)
- Export or telemedicine options for e-mail consults
- Integration with many other patient information systems (e.g., billing, medical record)
- Admin functions—password security to control user access and responsibilities



Ambulatory blood-pressure monitoring can provide the following three types of information, which are of potential value in the clinical field (Table 1).

**Table 1. Blood-Pressure Patterns That Can Be Determined by Means of Ambulatory Blood-Pressure Monitoring and Other Methods\***

Variable	Ambulatory Blood Pressure Monitoring	Clinic Blood-Pressure Monitoring	Home Blood-Pressure Monitoring
True, or mean blood pressure	Yes	Questionable	Yes
Diurnal blood-pressure rhythm	Yes	No	No
Dipping Status	Yes	No	No
Morning Surge	Yes	No	Questionable
Blood-pressure availability	Yes	No	Questionable
Duration of drug effects	Yes	No	Yes

In addition to the prediction of cardiovascular risk, ambulatory blood-pressure monitoring, when used in conjunction with clinic blood-pressure assessments, is of potential value in a variety of other clinical conditions.<sup>1,2</sup> Some of these conditions are listed in Table 2.

**Table 2. Recommendations for the Use of Ambulatory Blood-Pressure Monitoring in Clinical Practice\***

Indication	JNC 7 <sup>1</sup>	WHO-ISH <sup>2</sup>	Home Blood-Pressure Monitoring
White-coat hypertension	Yes	Yes	Yes
Labile hypertension	Yes	Yes	No
Resistant hypertension	Yes	Yes	No
Hypotensive episodes	Yes	Yes	Questionable
Postural hypotension	Yes	No	Questionable

Note: JNC denotes the Seventh<sup>1</sup> Report of the Joint National Committee on Prevention, Detection, Evaluation and Treatment of High Blood Pressure<sup>1</sup>, and WHO-ISH the World Health Organization—International Society of Hypertension<sup>2</sup>





## Features and Benefits of the Welch Allyn ABPM 6100S

- Allows you to measure systolic, diastolic, mean blood pressure and heart rate over a period of 24 hours
- Unlimited protocols allow you to program measurement periods and inflation frequencies to meet any study needs
- Uses oscillometric technology, the most widely accepted and validated method of automatic NIBP measurement
- Unique sleeve cuff fits easily on your patients and dynamic inflation with adjustable maximum pressure limits increases their comfort
- Lightweight, compact and quiet for improved patient compliance
- Intuitive, easy-to-use and powerful Windows®-based software
- Report content can easily be tailored to meet your practice needs
- 100% latex-free cuffs reduce the risk of allergic reactions with your patients
- Meets or exceeds the latest AAMI, EHS, and BHS standards
- Includes the Welch Allyn CardioPerfect™ Workstation software

Pictorial application instructions, artery markers and clear range indication make it easy to apply the cuff



Sturdy latex-free material and a removable bladder for machine washing



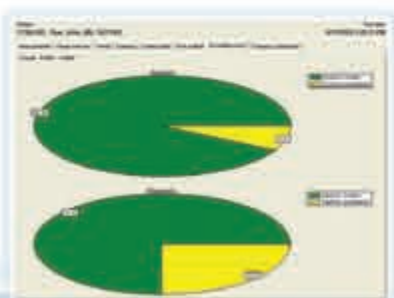
The Large Adult and Adult Plus sizes are curved for a more tailored fit

## The Welch Allyn ABPM 6100S allows you to easily auto-create, print, and customize detailed reports to meet your needs:

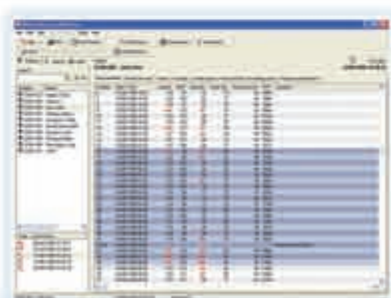
1. Statistical summaries for systolic, diastolic, pulse, mean arterial pressure and heart rate including: minimums, maximums, average, and standard deviations
2. Graphical representations of BP profile including pie charts, histograms and correlation charts for 24-hour period as well as a separate breakdown for day and night readings
3. Editable tabular report for detailed analysis
4. Trending tool for long-term evaluation and drug management
5. Summary view



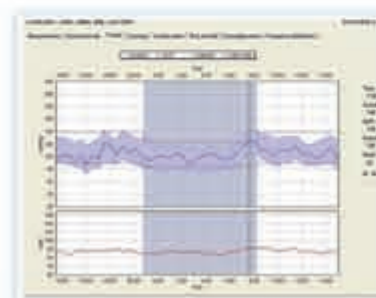
Summaries



Graphical Representations



Editable Tabular Report



Trending



# Welch Allyn ABPM 6100S

## CPT Coding Options for Ambulatory Blood Pressure Monitoring\*\*

CODE	DESCRIPTION
93784	Ambulatory blood pressure monitoring, utilizing a system such as magnetic tape and/or computer disk, for 24 hours or longer; including recording, scanning analysis, interpretation and report
93786	Recording only
93786	Scanning analysis with report
93790	Physician review with interpretation and report

Note: ICD-9 code is 796.2 and states that there is an elevated blood pressure without a previous diagnosis of hypertension. Medicare will not reimburse this cost if the patient has already been diagnosed with hypertension.

\*\*Welch Allyn believes that this information is current and correct. Welch Allyn does not guarantee any specific carrier's willingness to reimburse for the procedures performed using these codes. Physicians should contact their carriers individually. Welch Allyn also offers a Reimbursement Support Line: 1.800.946.1212.

## Technical Data

### GENERAL SPECIFICATIONS

Batteries: Two 1.5 V AA type  
Dimensions: 124 mm x 70 mm x 33 mm (4.9" x 2.8" x 1.3")  
Weight: 270 g (9.5 oz) including batteries  
Technique: Oscillometric with step deflation

### OPERATING PARAMETERS

Systolic BP: 60 to 250 mmHg  
Diastolic BP: 25 to 200 mmHg  
Maximum inflation: 270 mmHg  
Heart rate: 40 to 200 bpm  
Accuracy:  $\pm 3$  mmHg or 2% of reading  
Calibration: Minimally, once per year

### MEMORY

Alkaline batteries: Up to 250 readings  
Rechargeable batteries: Up to 110 readings

### 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® 2000 Service Pack 4 or XP SP2  
I/O: CD-RW  
Peripherals: Keyboard, mouse and printer  
Internet connection required for Telemedicine option or to allow Welch Allyn to provide on-line technical support.

PC Running only CPWS and EMR application during tests

Note: All CardioPerfect installations include a free MSDE SQL license. This version of SQL allows up to 2 GB of data to be stored (this will accommodate approximately 10,000 ABPM tests, depending on the file size). Licenses can be purchased from Microsoft for versions of MS SQL that allow for unlimited storage.

## Ordering Information

### DEVICES

ABPM 6100S: Ambulatory Blood Pressure System including CPWS ABPM module, 1 Recorder, custom pouch with shoulder strap and waist belt, one adult sleeve cuff, 4 AA alkaline batteries, PC interface cable, USB converter, user manuals on CD

ABPM 6100: Ambulatory Blood Pressure Recorder Kit, custom pouch with shoulder strap and waist belt, 1 adult sleeve cuff, 4 AA alkaline batteries, PC interface cable, USB converter and user manuals on CD

### ABPM 6100 ACCESSORY CUFFS

#### Reusable Sleeve Cuffs

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)  
101490 ABPM 6100 Sleeve cuff Kit. Includes 1 Small Adult, 1 Adult Plus and 1 Large Adult cuff

### OTHER ABPM 6100 ACCESSORIES

6100-21 Custom Pouch  
6100-22 Shoulder Strap  
6100-23 Waist Belt  
6100-24 PC Interface Cable  
6100-25 "Y" Calibration Check Fitting  
ABP-SW ABPM Workstation Software CD  
5100-42E Patient Diaries (Set of 50)  
6100-26 Clam Shell Carrying Case

#### Soft Disposable Cuffs

5082-94-3 Child Disposable Cuffs  
5082-95-3 Small Adult Disposable Cuffs  
5082-96-3 Adult Disposable Cuff  
5082-97-3 Large Adult Disposable Cuffs

\*Ambulatory Blood-Pressure Monitoring

Thomas G. Pickering, M.D.; D.Phil.; Daichi Shimbo, M.D., and Donald Haas, M.D., M.P.H.  
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