

## Welch Allyn ABPM 6100S

### Technical Data

#### GENERAL SPECIFICATIONS

Batteries: Two 1.5 V AA type  
Dimensions: 124 mm x 70 mm x 33 mm  
Weight: 270 g 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

### Ordering Information

#### DEVICES

**ABPM-6100S** Ambulatory Blood Pressure System including CardioPerfect Workstation Software ABPM module, one recorder, custom pouch with shoulder strap and waist belt, one adult sleeve cuff, four AA alkaline batteries, PC interface cable, USB converter and user manuals on CD.

**ABPM-6100** Ambulatory Blood Pressure Recorder Kit, custom pouch with shoulder strap and waist belt, one adult sleeve cuff, four AA alkaline batteries, PC interface cable, USB converter and user manuals on CD.

#### RECOMMENDED MINIMUM COMPUTER REQUIREMENTS

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 colour, 17" or higher  
Hard disc: 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 CardioPerfect Workstation Software 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 allows unlimited storage.

#### 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

#### 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 one Small Adult, one Adult Plus and one Large Adult Cuff

##### 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

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Advancing Frontline Care™



## 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 needs. It also provides you with powerful software that makes it more efficient to analyse blood pressure readings and diagnose potential patient complications. Plus the device comes with an innovative sleeve design that secures the cuff to your patients' 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



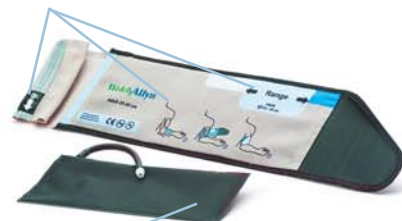
## Features and Benefits of the Welch Allyn ABPM 6100S

- Allows you to measure systolic, diastolic, mean blood pressure and heart rate over a period of 24 hours
- Unlimited protocols allow you to programme measurement periods and inflation frequencies to meet any study needs
- Uses oscillometric technology, a widely accepted and validated method of automatic NIBP measurement
- Unique sleeve cuff fits easily on your patients and dynamic inflation with adjustable maximum limits and pressure 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
- Meets or exceeds the latest AAMI, EHS, and BHS standards
- Includes the Welch Allyn CardioPerfect™ Workstation

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



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

A full range of sizes from Small Adult to Large Adult



## Welch Allyn CardioPerfect™ WorkStation Software

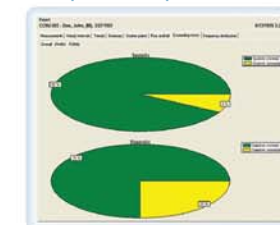
Welch Allyn CardioPerfect™ Workstation Software – powerful software that makes data management easier.

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 analyse 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 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

Graphical Representations



Trending



Summaries

Editable Tabular Report

