

# Welch Allyn ABPM 6100

## Sophisticated Blood Pressure Monitoring with Simple One-Button Operation

The Welch Allyn ABPM 6100 is an easy-to-use 24-hour blood pressure monitor that can:

- Identify white coat hypertension
- Allow practitioners to tailor drug therapy regimes to individual patient needs
- Take accurate sleep readings

The device comes with powerful software that makes it easy to analyze blood pressure readings and diagnose potential problems. The end result—the Welch Allyn ABPM 6100 improves blood pressure management for your patient.



### Welch Allyn ABPM 6100S

- Simple one-button operation improves compliance
- Lightweight, small, and quiet
- Powerful Windows® based software—intuitive, user-friendly
- Oscillometric technology allows easy patient hook-up and is comfortable for the patient with unparalleled accuracy
- 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
- 2-year warranty
- Includes Welch Allyn CardioPerfect™ Workstation Software



### Welch Allyn CardioPerfect™ Workstation Software

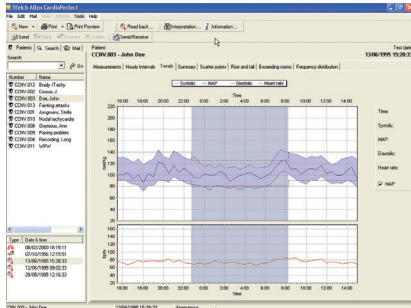
The Welch Allyn ABPM 6100S software system is part of Welch Allyn's CardioPerfect™ Workstation software. This Workstation software is an electronic database for diagnostic records providing paperless efficiency and connectivity. The workstation software also has other Welch Allyn diagnostic modules available including Resting and Exercise ECGs so that you can have complete access to a variety of diagnostic tests for each patient.

- Retrieve records with the touch of a key—no more digging through paper files looking for the right information
- 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 2GB).
- 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)
- A vital component of any HIPAA-compliant program
- Admin functions—password security to control user access and responsibilities

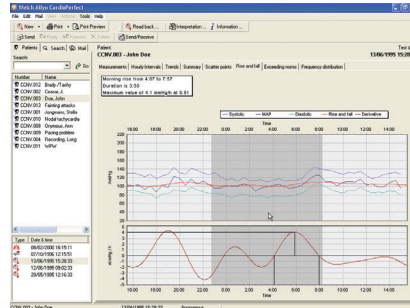
**WelchAllyn®**

Advancing Frontline Care™

# Welch Allyn ABPM 6100 Specifications



24-hour blood pressure trends



Blood pressure rise and fall

Measurement	Time	Systolic	Diastolic	Heart rate	Pulse pressure	SBP	DBP	HR	PP
1	13:00:00	118	87	72	31	46	80	46	34
2	13:05:00	124	92	77	32	47	84	47	37
3	13:10:00	120	89	82	33	46	80	46	34
4	13:15:00	114	82	76	32	44	78	44	32
5	13:20:00	112	80	74	31	43	76	43	31
6	13:25:00	110	78	72	30	42	74	42	30
7	13:30:00	112	80	74	31	43	76	43	31
8	13:35:00	114	82	76	32	44	78	44	32
9	13:40:00	116	84	78	33	45	80	45	33
10	13:45:00	118	86	80	34	46	82	46	34
11	13:50:00	120	88	82	35	47	84	47	35
12	13:55:00	122	90	84	36	48	86	48	36
13	14:00:00	124	92	86	37	49	88	49	37
14	14:05:00	126	94	88	38	50	90	50	38
15	14:10:00	128	96	90	39	51	92	51	39
16	14:15:00	130	98	92	40	52	94	52	40
17	14:20:00	132	100	94	41	53	96	53	41
18	14:25:00	134	102	96	42	54	98	54	42
19	14:30:00	136	104	98	43	55	100	55	43
20	14:35:00	138	106	100	44	56	102	56	44
21	14:40:00	140	108	102	45	57	104	57	45
22	14:45:00	142	110	104	46	58	106	58	46
23	14:50:00	144	112	106	47	59	108	59	47
24	14:55:00	146	114	108	48	60	110	60	48
25	15:00:00	148	116	110	49	61	112	61	49
26	15:05:00	150	118	112	50	62	114	62	50
27	15:10:00	152	120	114	51	63	116	63	51
28	15:15:00	154	122	116	52	64	118	64	52
29	15:20:00	156	124	118	53	65	120	65	53
30	15:25:00	158	126	120	54	66	122	66	54
31	15:30:00	160	128	122	55	67	124	67	55
32	15:35:00	162	130	124	56	68	126	68	56
33	15:40:00	164	132	126	57	69	128	69	57
34	15:45:00	166	134	128	58	70	130	70	58
35	15:50:00	168	136	130	59	71	132	71	59
36	15:55:00	170	138	132	60	72	134	72	60
37	16:00:00	172	140	134	61	73	136	73	61
38	16:05:00	174	142	136	62	74	138	74	62
39	16:10:00	176	144	138	63	75	140	75	63
40	16:15:00	178	146	140	64	76	142	76	64
41	16:20:00	180	148	142	65	77	144	77	65
42	16:25:00	182	150	144	66	78	146	78	66
43	16:30:00	184	152	146	67	79	148	79	67
44	16:35:00	186	154	148	68	80	150	80	68
45	16:40:00	188	156	150	69	81	152	81	69
46	16:45:00	190	158	152	70	82	154	82	70
47	16:50:00	192	160	154	71	83	156	83	71
48	16:55:00	194	162	156	72	84	158	84	72
49	17:00:00	196	164	158	73	85	160	85	73
50	17:05:00	198	166	160	74	86	162	86	74
51	17:10:00	200	168	162	75	87	164	87	75
52	17:15:00	202	170	164	76	88	166	88	76
53	17:20:00	204	172	166	77	89	168	89	77
54	17:25:00	206	174	168	78	90	170	90	78
55	17:30:00	208	176	170	79	91	172	91	79
56	17:35:00	210	178	172	80	92	174	92	80
57	17:40:00	212	180	174	81	93	176	93	81
58	17:45:00	214	182	176	82	94	178	94	82
59	17:50:00	216	184	178	83	95	180	95	83
60	17:55:00	218	186	180	84	96	182	96	84

Measurement table

## Technical Data

### GENERAL SPECIFICATIONS

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

### MEMORY

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

### OPERATING PARAMETERS

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

### MINIMUM COMPUTER REQUIREMENTS (RECOMMENDED)

Processor: Pentium® III (Pentium® IV or higher)  
 RAM: 256MB (512MB or higher)  
 Monitor resolution: (1024 x 768 true color)  
 Operating systems: Windows® 2000 or XP  
 CD-ROM: Required for installation  
 Printers: Compatible with inkjet and laser printers.  
 Laser printers require a minimum of 2MB of memory  
 Hard drive: 2GB (4GB or more)

## Ordering Information

### DEVICES

ABPM-6100S Ambulatory Blood Pressure System including Recorder, custom pouch with shoulder strap and waist belt, adult plus cuff, 4 AA alkaline batteries, cuff anchors, PC interface cable, user manual on CD, and Welch Allyn CardioPerfect™ Workstation Software

ABPM-6100 Ambulatory Blood Pressure Recorder, custom pouch with shoulder strap and waist belt, adult plus cuff, 4 AA alkaline batteries, cuff anchors, PC interface cable, and user manual on CD

### ABPM 6100 ACCESSORY CUFFS

- 6100-10 Child Cuff (160-218mm)
- 6100-11 Small Adult Cuff (211-266mm)
- 6100-12 Adult Cuff (254-343mm)
- 6100-13 Adult Plus Cuff (270-420mm)
- 6100-14 Large Adult Cuff (343-482mm)

### OTHER ABPM 6100 ACCESSORIES

- 6100-21 Custom Pouch
- 6100-22 Shoulder Stra
- 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)
- 5100-44 Pads, Cuff Anchors (Set of 50)



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