

# Wearable 24 hours ABPM, Model: WBP-02A

CE Approved, **ESH Validated**

## 1. Product Introduction

Clinical level, accurate reading.

Motion tolerance technology, good measurement consistency, more effective measurements in ambulatory environment.

Body position record while BP reading, good help for doctor analysis.

BP limits alarm.

Without visible tube, patients don't need to worry about the tube problems during night measurings.

Double pressure transducer, double protection.

BP tendency analysis and reading statistics, provide maximum 72 hours data analysis in one time.

Hingmed BP Software provides analysis of Morning Surge, Smoothness Index, Variation Corr. and AASI.

Bluetooth data transfer (optional)

## 2. Product Models: WBP-02A

Product includes:

Parts	Qty
Hingmed ABPM	1
Hingmed ABPM Software CD	1
Hingmed ABPM USB data cable	1
Quick battery charger	1
Large adult cuff (26-36 cm)	1
Silicone cover	1
Disposable sweat absorbable inner cuff	1
Hingmed ABPM bag	1

Cuff option:

Item	Cuff Option
1	Small adult cuff (18-26cm)
2	Middle adult cuff (22-32cm)
3	Large adult cuff (26-36cm)
4	Extra Large adult cuff (33-43cm)

## PC requirement

CD driver, minimum 1024 × 768 resolution, USB port.

Microsoft Windows 2003、Windows XP , windows 7 or above version.

### 3. Product Parameters:

Name	Wearable 24 Hours ABPM
Model	WBP-02A
Technology	Oscillometric
Systolic	40-260 mmHg
Diastolic	20-210 mmHg
Heart Rate	40-200 bpm
Accuracy	±3 mmHg
Pressure Transducer	American Freescale
Battery	1000mah Li battery, support 200 times measurement
Memory	Saving 300 readings Maximum
Calibration	At least once per two years
Safety	Max inflation pressure 290mmHg ; Valve open for deflation automatically upon power shutting off; Max measurement circle 120s.
Intervals Option	More individual programming intervals options (5, 10, 15, 20, 30, 45, 60, 90, 120min)
Size	119×52×21mm
Weight	105g, including batteries
Working Condition	Tem: 5°C ~ 40°C; RH: 10% ~ 95%; Atmospheric pressure: 70KPa ~ 106KPa;
Storage Condition	Tem: -20°C ~ +55°C; RH less than 95%; Atmospheric pressure: 70KPa ~ 106KPa;
Data Connection	USB data cable

### 4. Product Specifications

- 1) Dynamic inflate to 38mmHg above the previous systolic measurement reduces measurement time.
- 2) OLED display systolic, diastolic, and heart rate in same screen. Time display while working.
- 3) Provide maximum inflation setting for better safety.
- 4) Start/Stop button enable/disable option. While disabled, the user will not be able to start/abort a measurement by pushing the button.
- 5) Display enable/disable option: While disabled, user will not be able to see the BP reading.
- 6) USB port for data transition stably, safely.
- 7) Awake, asleep, and 3 special time period setting for programming.
- 8) Body position record: Stand/Sit, Lying, Slight moving, Heavy moving. Good help for doctor

diagnosis.

9) Motion tolerance technology, good measurement consistency.

10) For programming measurement, automatic repeat measurement in 2 minutes upon failure measurement.

11) BP limits alarm. The machine can give both sound and indication alarm for high readings.

12) Without visible tube, patients don't need to worry about the tube problems during night measurements.

13) Use non detachable Li Battery, more environment friendly.

#### 5. PC Software:

1) Color setting available for systolic, diastolic, asleep period, BP limit, etc. to fit individual favorite.

2) User defined Data saving path, for better data safety and disc space management.

3) Patient searching function, easy to find patient history record.

4) White coat analysis, remarkable color for white coat period.

5) Tendency chart support maximum 72 hours data.

6) PDF format report available.

7) System provide readings data sheet, tendency chart, statistics, analysis of pie chart, bar chart, and correlation of systolic and diastolic, heart rate.

8) Variable report format option. User can define the report content and format upon actual requirement.

9) BP comparison. For one patient who has two or more times programming measurement, the software can compare the different times data for diagnosis.

10) Hingmed BP Software provides analysis of Morning Surge, Smoothness Index, Variation Corr. and AASI.

