# 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 |
| Software U-disk | 1 |
| USB data cable | 1 |
| Quick battery charger | 1 |
| Large adult cuff (22-36 cm) | 1 |
| Silicone cover | 1 |
| Disposable sweat absorbable inner cuff | 1 |
| Carry bag | 1 |

Cuff option:

| Item | Cuff Option |
|---|---|
| 1 | Small adult cuff (18-26cm） |
| 2 | Middle adult cuff（22-32cm） |
| 3 | Large adult cuff（22-36cm） |
| 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 |
| OLED display | 2.23inch OLED display<br>Display SYS,DIA,HR,Time,power,error code (if have). |
| Battery | 1000mah Li battery, support 150 times measurement |
| Working time | One full charging support about 150 tims measurement,if the intervals is 30mins,it can work 75 hours.If the intervals is 15 mins,it can work 37.5 hours.<br>Because everyone’s blood pressure is different,so these data is not completely correct.<br>We suggest doctors to charge the device after each 24-hour blood pressure monitoring. |
| Charging time | 90 mins |
| Memory | Saving 300 readings Maximum |
| Calibration | At least once per two years |
| Safety | Max inflation pressure290mmHg；Valve open for deflation automatically upon power shutting off; Max measurement circle 120s. |
| Intervals Option | More individual programming intervals options<br>(5，10，15，20，30，45，60，90，120min) |
| Size | 119×52×21mm |
| Weight | 105g，including batteries |
| Working Condition | Tem：5℃～40℃；RH：10%～95%；Atmospheric pressure：70KPa～106KPa； |
| Storage Condition | Tem:-20℃-+55℃； 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 measurings.

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.


24 Hours Ambulatory
Blood Pressure Monitor
Ambulatory Blood
Pressure Monitor