PRIVA COMPACT

Upper Arm Electronic

Blood Pressure Monitor

Model: BP101A

Thank you for selecting our Upper Arm Electronic Blood Pressure Monitor. Please read the user manual carefully and thoroughly to ensure the safe use of this product. Keep this manual for further reference in case any issues arise.

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1. Introduction

This digital blood pressure monitor uses the oscillation method to measure blood pressure. This means that the monitor can detect the movement of your blood in the brachial artery and convert your blood pressure into a digital reading. This monitor automatically detects blood pressure without a stethoscope and is easy to use.

Each measurement result will be displayed on the screen and automatically stored. Memory Capacity: 2 users x 500 measurements. This unit features a blood pressure classification index, making it easy to check your blood pressure.

1.1 Measurement Principle:

This product uses the Oscillometric Measuring method to detect blood pressure. Before every measurement, the unit establishes a "zero pressure" equivalent to the atmospheric pressure. The unit inflates the arm cuff and detects pressure oscillations generated by beat-to-beat pulsation, which are used to determine systolic pressure, diastolic pressure, and pulse rate.

2. Symbol Description

2.1 Warning/Precautions Symbols

The warning signs and symbols throughout this manual ensure safe and correct use of the device, protecting you and others from harm. Warning marks and graphic symbols are described as follows:

⚠Warning	A warning alerts the reader about a situation which, if not avoided, could result in death or serious injury and may also describe potential serious adverse reactions and safety hazards.
⚠ Precautions	Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury, property damage, or device malfunction. It also alerts against unsafe practices to ensure safe and effective use.
Contra-indications	Contraindications are conditions under which the device should not be used because the risks clearly outweigh any possible benefits. Certain individuals should not use the device due to their health status.
Notes	Indicates the need for attention; neglect may lead to incorrect use of the product or damage to the device.

2.2 Other Symbol Description

	Applied Part: Type BF		Type of Protection Against Electric Shock: Class II
	Refer to Instruction Manual		Manufacturer
	Disposal in Accordance with Directive 2012/19/EU (WEEE)	MD	Medical Device
SN	Serial Number		Date of Manufacture
	This device has not been tested for use in an MR environment and should not be exposed to MR environments while patients are wearing the device. Keep it outside the MRI scanner room.		
IP21	First Number (2): Protected against solid foreign objects with a diameter of 12.5mm and greater Second Number (1): Protected against vertically falling water drops.		
CE 2460	CE Mark: conforms to essential requirements of EU MDR 2017/745		

3. Indications for Use/Intended Use

The Upper Arm Electronic Blood Pressure Monitor is intended to measure systolic and diastolic blood pressure, as well as pulse rate, in individuals aged 12 years and older. This device is designed for use in home and clinical/hospital environments.

4. Safety Information

4.1 Contraindications

⚠ Warning

- The device is not suitable for use on women who are or may be pregnant.
- The device is not suitable for use on patients with implanted, electrical devices, such as cardiac pacemakers, or defibrillators.
- DO NOT adjust medication based on readings from this Upper Arm Electronic Blood Pressure Monitor. Take medication as prescribed by your doctor. Only a healthcare professional is qualified to diagnose and treat High Blood Pressure. Consult your doctor before using the device if you have any of the following conditions: common arrhythmias such as atrial or ventricular premature beats, atrial fibrillation, arterial sclerosis, poor perfusion, diabetes, pregnancy, pre-eclampsia, or renal diseases.
- NOTE that any of these conditions in addition to patient motion, trembling, or shivering may affect the measurement reading.
- Do not use the device on the injured arm or the arm under medical treatment.
- Do not apply the cuff on the arm while on an intravenous drip or blood transfusion.
- Do not use the device with other medical electrical (ME) equipment simultaneously.
- Do not use the device in the area of high frequency (HF) surgical equipment, magnetic resonance imaging (MRI) equipment, computerized tomography (CT) scanner. This may result in incorrect operation of the monitor and/or cause an inaccurate reading.

Unplug the adapter from the AC socket when you finish the measurement.

Remark:

When the main unit is connected to the AC/Type-C adapter, it is AC/Type-C adapter power mode, regardless of whether the main unit is equipped with batteries; when the AC/Type-C adapter is disconnected from main unit, it will automatically switch to battery power mode.

A power adapter is not supplied with this product. Please purchase a compatible power adapter separately before use. The purchased adapter must meet the following specifications:

Input voltage: 100~240V, Output: 5V±5% 1.0A

⚠ Caution:

Using an incorrect or low-quality power adapter may compromise device safety, resulting in property damage or personal injury. If purchasing an adapter separately, ensure it is a medical-grade Type-C 5V 1.0A adapter certified to IEC 60601-1 or IEC 62368-1, with 2MOPP isolation between primary and secondary circuits.

6.2 Installing and Replacing the Battery

For initial setup using battery power, ensure the batteries are installed prior to turning on the device. If the low battery symbol is displayed on the LCD, it means the battery is low and the device is unable to measure. Please replace the batteries promptly; otherwise,

- DO NOT use this monitor in oxygen-rich environments or near flammable gases. Please ask your doctor about your normal blood pressure for guidance before taking measurements yourself.
- This product is suitable only for individuals aged 12 years and older. Please keep the unit out of reach of infants, toddlers, and young children.
- Do not service or maintain the device while in use.
- Do not plug or unplug the AC/Type-C adapter with wet hands.
- Only use the original cuff, power adapter, and batteries specified in this user manual. Unauthorised accessories can damage the device or lead to inaccurate readings.

⚠ Precautions

- If the cuff causes discomfort, press the START/STOP button immediately to switch the device off and consult your doctor.
- Do not kink the connection tubing. Continuous cuff pressure may restrict blood flow, potentially causing injury.
- Do not take measurements more often than necessary; restricted blood flow may cause bruising.
- Do not apply the cuff over a wound or skin injury, as this may worsen the condition. Consult with your doctor before using this monitor on a arm where arteriovascular access or therapy, or an arterio-venous (A-V) shunt, is present because of temporary interference to blood flow which could result in injury.
- Consult with your doctor before using this monitor if you have had a mastectomy or lymph node clearance.
- DO NOT use this monitor with other medical electrical (ME) equipment simultaneously. This may result in incorrect operation of the monitor and/or cause an inaccurate reading. Cuff inflation may temporarily interrupt the function of other medical electrical (ME) equipment monitoring the same limb.
- During measurement, observe the arm to ensure that the monitor is not causing prolonged impairment to blood circulation.
- Consult your doctor before using this monitor if you have severe blood flow problems or blood disorders as cuff inflation can cause bruising.
- DO NOT use this monitor for any purpose other than measuring blood pressure.
- DO NOT use a location where there is moisture or a risk of water splashing this monitor. This may damage this monitor.
- Do not use or store the monitor and cuff in direct sunlight, extreme temperatures, high humidity (see Specifications), or near fire or water. Doing so may result in inaccurate readings or damage to the device.

- DO NOT use this monitor in a moving vehicle such as in a car.
- This device is calibrated during manufacturing and does not require periodic recalibration when used properly. If you frequently experience inaccurate readings, please contact your local distributor.
- Do not disassemble, repair, or remodel the main unit or the cuff of the Upper Arm Electronic Blood Pressure Monitor by yourself. If necessary, contact your retailer or customer Services.
- Do not drop the monitor or subject device to strong shocks or vibrations.
- ONLY use this monitor on persons whose arm circumference is within the specified range of the cuff.
- Dispose of the device, components and optional accessories according to applicable local regulations. Unlawful disposal may cause environmental pollution. Store the unit high up and out of reach of children. Small components, including batteries, battery covers, and plastic bags, pose a risk of asphyxiation or choking. The user or children play to convolve the neck , May cause Smothering or breathing

Remark:

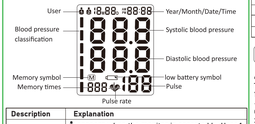
The materials of the cuff have been tested and found to comply with requirements of ISO 10993-5 and ISO 10993-10/23. It will not cause any potential sensitization or irritation reaction.

5. Produce Description

5.1 Main Unit

Name	Description
SET button (Setting button)	Press the Setting button when powered off to enter the setting mode. In setting mode, press this button to confirm the setting value. Assists in clearing memory.
Start/stop button	Turn on/off the device. Assists in clearing memory.
MEM button (Memory button)	In setting mode, press this button to adjust the setting value;
LCD display	Displaying information of measurement, battery power etc.
Type-C hole	Connect to the USB cable.
Air socket	Connect to the air hose.

5.2 LCD Display



Description	Explanation
User ID	1 appears when the monitor is operated by User 1. 2 appears when the monitor is operated by User 2.
Blood pressure classification	Indicates the blood pressure level
Memory symbol & Memory times	Indicates that the device is in memory mode and displays the selected memory group.
Low battery symbol	Indicates that the battery power is low.
Heartbeat	Heartbeat detection during measurement.
Pulse value	Measurement data of Pulse
Diastolic blood pressure (DIA)	The low pressure measured.
Systolic blood pressure (SYS)	The high pressure measured.
Year/Month/ Date/ Time	Year/Month/Date/ Time

5.3 Package List

Parts	Quantity	Part no.:
Upper Arm Electronic Blood Pressure Monitor	1PCS	BP101A
Batteries	4PCS	AAA
Cuff (with air hose)	1PCS	22cm~32cm
User Manual	1PCS	/

6. Operating Instructions

6.1 The Choice of Power Supply

This product has two power supply modes:

1.Battery power mode: adopt 4×AAA identical 1.5V alkaline batteries.

- For details about battery installation and replacement, see section. Of this user manual.

2.AC/Type-C adapter power mode: adopt 5V 1.0A AC/Type-C adapter.

- If you choose to use the AC/Type-C adapter powered mode, before measurement, please insert the Type-C output end of adapter to the AC/Type-C socket of main unit; then plug the AC/Type-C adapter to the AC socket.

6.2.1 Fitting the Cuff

1)Firmly insert the air hose connector of cuff to the air socket of main unit.

2) Remove all jewellery, such as watches and bracelets from your left arm. Note: if it is not possible to fit the cuff to your left arm, it can also be placed on the right. However, all measurements should be made using the same arm. Roll or push up your sleeve to expose the skin, or wear thin clothing. Ensure your sleeve is not too tight.

3)Hold your arm with your palm facing up, wrap the cuff over the upper arm, then position of tube off-center towards the inside of the arm in line with the ring finger. Ensure that the lower edge of the cuff is approximately 2 to 3 cm above the elbow and the air hose leaves the cuff on the inside of the arm.

4)Tighten and close the cuff by affixing the velcro. The cuff should not be too tight or too loose. For optimal fit, you should be able to insert two fingers comfortably beneath it.

5)Lay your arm on a table (palm upwards) so that the cuff is at the same height as your heart. Do not bend the air hose.

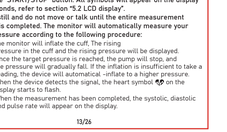
6)Place the cuff flat on the table with the velcro side facing down. Pass the end of the cuff through the metal loop so that a circle is formed, velcro closer is now facing outward (ignore this step if the cuff has already been prepared).

6.4.3 Sitting Correctly

a. Sit comfortably upright in a chair with your feet flat on the floor.

b. Place your elbow on a table so the cuff is at the same level as your heart. Rest your arm on the flat surface, palm facing upwards. Keep your arm and hand relaxed. Do not clench your fist or bend your arm.

c. Take 5-6 deep breaths before starting measurement.



6.4.4 Start the Measurement

Once the cuff is correctly positioned on your arm, start the measurement as follows:

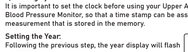
1) Press the START/STOP button. All symbols will appear on the display for 2 seconds, refer to section "5.2 LCD display".
Remain still and do not move or talk until the entire measurement process is completed. The monitor will automatically measure your blood pressure according to the following procedure:

- Step 1: The monitor will inflate the cuff. The rising pressure in the cuff and the pressure will be displayed.
- Step 2: Once the target pressure is reached, the pump will stop, and the pressure will gradually fall. If the inflation is insufficient to take a reading, the device will automatical -inflate to a higher pressure. When the device detects the signal, the heart symbol ♥on the display starts to flash.
- Step 3: When the measurement has been completed, the systolic, diastolic and pulse rate will appear on the display.

6.3 System Setting

1) User Setting

Press button "SET" when power off , the screen will display👤/👤, press button "MEM" ,it will be changed between👤and👤, press button "SET" when you confirm the user, then it will enter into the year setting mode.



2) Setting system Time

It is important to set the clock before using your Upper Arm Electronic Blood Pressure Monitor, so that a time stamp can be assigned to each measurement that is stored in the memory.

Setting the Year:

Following the previous step, the year display will flash on screen.

Press the MEM button to adjust the year by one digit at a time (range: 2026 to 2099).

Press the SET button to confirm your selection and proceed to the month and date settings.

Setting the Month and Date:

In month and date setting mode, the month digits will flash on the screen.

Press the MEM button to adjust the month (1 to 12).

Press the SET button to confirm the month; the date digits will then start flashing.

Press the MEM button to increase the digits (choose from 1 to 31). Press SET button to confirm the date. The device will then enter the hour and minute setting mode.

Setting the Hour and Minute:

In time setting mode, the hour digits will flash on the screen.

Press the MEM button to adjust the hour (1 to 12 AM / 1 to 12 PM).

Press the SET button to confirm the hour; the minute digits will then start flashing.

Press the MEM button to adjust the minute (00 to 59), then press SET to save.

The LCD will display "CL" when setting finished, continue to press SET button and the monitor will be ready for use now. You can also press the "START/STOP" button to switch the monitor off.

Remark:

If the battery is removed for 30 seconds or longer, the date, time and unit will return to the default value.

6.4 Proper Use of the Unit

6.4.1 Pre-measurement

1)Check the monitor before use:

Check the monitor to ensure that the main unit and cuff are free from damage and cracks.

Check whether the battery is leaking. If there is leakage, please replace the battery.

Check whether the display is normal and without E-XX(stands for Arabic numerals) prompt.

Check whether the battery has enough power. If the battery is low, please replace the battery in time.

2) In order to avoid affecting the accuracy of the monitor, avoid bathing, drinking alcohol or caffeine, smoking, exercising and eating for at least 30 minutes before taking a measurement.

3) Please sit quietly for at least 5 minutes before taking the blood pressure measurement.

4) A single measurement does not provide an accurate indication of your true blood pressure. We recommend taking at least two measurements to ensure an accurate reading. Wait at least 1 minute between measurements, to allow your blood circulation to recover.

5) Measure blood pressure: Avoid taking measurements during stressful times.

6) Try to measure your blood pressure regularly at the same time every day, as blood pressure changes throughout the day.

7) For a meaningful comparison, try to measure under similar conditions. For example, take daily measurements at approximately the same time, on the same arm, or as directed by a healthcare professional.

8) Factors affecting blood pressure measurement

a. Tensing or straining your arm during a measurement may increase your blood pressure reading.

b. If the cuff around the arm is lower than the height of the heart, the blood pressure may be higher.

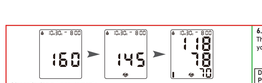
c. Too loose or too tight cuffs may result in inaccurate readings.

d. In different postures, environments and physical conditions, the measured blood pressure values may be different.

尺寸：450*390mm

红色为切线，绿色为折线，风琴折

材质:80g书写纸 单黑 折页 双面印刷



Discontinuing a Measurement :

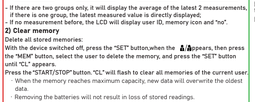
If it is necessary to interrupt a blood pressure measurement for any reason (e.g., the patient feels unwell), the "START/STOP" button can be pressed at any time. The device will immediately decrease the pressure in the cuff.

6.4.5 Memory-recall of Measurements

The blood pressure monitor automatically stores 2x500 sets of measurement values. The oldest record will be replaced by the latest measurement value when there are more than 500 sets of memories for each user.

1) Read Memory Record

With the device switched off, press the MEM button. The monitor will display the stored readings for the currently selected user profile. The average of the latest 3 measurements will be displayed. Press the MEM button again to display the latest measurement taken. Press the MEM button repeatedly to view the previous measured values in sequence.



- If there are two groups only, it will display the average of the latest 2 measurements, if there is one group, the latest measured value is directly displayed.
- If no measurement before, the LCD will display user ID, memory icon and "no".

2) Clear memory

Delete all stored memories:

With the device switched off, press the "SET" button,when the 👤appears, then press the "MEM" button, select the user to delete the memory, and press the "SET" button until "CL" appears.

Press the "START/STOP" button."CL" will flash to clear all memories of the current user.

- When the memory reaches maximum capacity, new data will overwrite the oldest data.
- Removing the batteries will not result in loss of stored readings.

6.4.6 Blood pressure classification function:

This monitor features a blood pressure classification indicator that identifies your blood pressure category via the display bar :

Display of Prompt bar	Blood pressure category	Systolic blood pressure (SYS)	Diastolic blood pressure (DIA)
	NORMAL	<120mmHg	And < 80mmHg
	NORMAL	120mmHg≤& <129mmHg	And < 80mmHg
	HYPERTENSION STAGE 1	130mmHg≤& <139mmHg	Or 80mmHg≤ &<89mmHg
	HYPERTENSION STAGE 2	≥140mmHg & <159mmHg	Or ≥90mmHg & <99mmHg
	CONSULT YOUR DOCTOR IMMEDIATELY	160mmHg≤& <179mmHg	100mmHg≤& <119mmHg
	CONSULT YOUR DOCTOR IMMEDIATELY	≥180mmHg	≥120mmHg

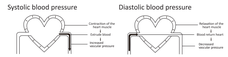
(Discontinuing a Measurement) (Memory-recall of Measurements) (Blood pressure classification function:)

Blood pressure category	Systolic blood pressure (SYS)	Diastolic blood pressure (DIA)
NORMAL	<120mmHg (16.0kPa)	And < 80mmHg (10.7kPa)
NORMAL	120mmHg≤& <129mmHg (17.2kPa)	And < 80mmHg (10.7kPa)
HYPERTENSION STAGE 1	130mmHg≤& <139mmHg (18.5kPa)	80mmHg≤ & <89mmHg (11.9kPa)
HYPERTENSION STAGE 2	≥140mmHg & <159mmHg (21.2kPa)	90mmHg≤& <99mmHg (13.2kPa)
CONSULT YOUR DOCTOR IMMEDIATELY	160mmHg≤& <179mmHg (23.9kPa)	100mmHg≤& <119mmHg (15.9kPa)
CONSULT YOUR DOCTOR IMMEDIATELY	≥180mmHg (24.0kPa)	≥120mmHg (16.7kPa)

7. About Blood Pressure

7.1 What are systolic pressure and diastolic pressure?

Blood pressure is the pressure exerted on the arteries. The systolic blood pressure value represents the blood pressure produced by contraction of the heart muscle. The diastolic blood pressure value represents the blood pressure produced by relaxation of the heart muscle.



Troubleshooting Solutions

Problem	Check	Solution
No power	Is battery powered?	Replace 4 new AAA batteries.
No inflation	Is plug (air hose connector) inserted?	Reinsert plug securely.
		Replace with new cuff.
Cuff leak	Is the cuff loose?	Wrap the cuff tightly.
	Is the cuff broken?	Replace with new cuff.

Note: Please contact the distributor if you can't solve the problem. Do not disassemble the unit by yourself!

10. Specifications

Measurement method	Oscillometric method
Measurement site	Upper Arm
Pressure display range	Sm mHg ~ 299mmHg
Measurement range :	Pressure Measurement range: SYS: 50mmHg~250mmHg DIA: 30mmHg~200mmHg Pulse measurement range: (40~199) beat/minute
Accuracy :	Pressure: ±3mmHg Pulse value: ±5% of reading
Measuring resolution :	1 mmHg
Memories capacity	2x500 sets memory of measurement values
Display	LCD digital display
Dimensions of main unit	Approx.130mm x 89?7mm x 115mm
Weight of main unit	Approx.228g (batteries not included)
Power supply	4pcs AAA alkaline batteries / type-C 5V 1.0A
Measurable arm circumference	22 cm to 32 cm
Operating conditions	Temperature range of +5 ℃ to +40 ℃ ; Relative humidity range of 15% to 93%RH; Atmospheric pressure range of 86 kPa to 106kPa
Storage & transportation conditions	Temperature range of -20 ℃ to +55 ℃ ; Relative humidity range of 10% to 93%RH; Atmospheric pressure range of 86 kPa to 106 kPa
Protection against electric shock	Battery Powered Mode: Internally powered ME equipment AC Adapter Powered Mode: Class II ME Equipment
Service life (i.e. working life)	5 years
Shelf life	No shelf life requirement
Ingress of waterproof	IP21
Applied part	Type BF (arm cuff)
Software version	SA10
No Sterilize requirement	/
Not category AP / APG equipment	/
Mode of operation: continuous operation	/

Guidance and manufacturer's declaration – electromagnetic immunity

The Blood pressure monitor is intended for use in the electromagnetic environment specified below. The customer or the user of the Blood pressure monitor should ensure that it is used in such an environment.

Immunity test	IEC 60601-1-2 test level	Compliance level	Electromagnetic environment guidance
Proximity fields from RF wireless communications equipment(IEC 61000-4-3)	See the following table	Complies	
Proximity magnetic fields (IEC 61000-4-39)	See the following table	Complies	

Specifications for ENCLOSURE PORT IMMUNITY to RF wireless communications equipment

Test frequency (MHz)	Band ¹) (MHz)	Service ²)	Modulation	Immunity Test Level(V/m)
385	380 ~ 390	TETRA 400	Pulse modulation ³) 18 Hz	27
450	430 ~ 470	GMRS 460, FRS 460	FM ⁴) ± 5 kHz deviation 1 kHz sine	28
710	704 ~ 787	LTE Band 13, 17	Pulse modulation ³) 217 Hz	9
745				
780				
810	800 ~ 960	GSM 800/900; TETRA 800, iDEN 820, CDMA 850, LTE Band 5	Pulse modulation ³) 18 Hz	28
870				
930				
1720	1700 ~ 1990	GSM 1800; GSM 1900; UMTS 1700, LTE Band 1, 3, 4, 25; UMTS	Pulse modulation ³) 217 Hz	28
1845				
1970				
2450	2400 ~ 2570	Bluetooth, WLAN, 802.11 b/g/n, RFID 2.4, 5G, LTE Band 7	Pulse modulation ³) 217 Hz	28
5240	5100 ~ 5800	WLAN 802.11 a/n	Pulse modulation ³) 217 Hz	9
5500				
5785				

NOTE If necessary to achieve the IMMUNITY TEST LEVEL, the distance between the transmitting antenna and the ME EQUIPMENT or ME SYSTEM may be reduced to 1 m. The 1 m test distance is permitted by IEC 61000-4-3.

¹) For some services, only the uplink frequencies are included.

²) The carrier shall be modulated using a 50% duty cycle square wave signal.

³) As an alternative to FM modulation, the carrier may be pulse modulated using a 50% duty cycle square wave signal at 18 Hz, While it does not represent actual modulation, it would be worst case.

Test specifications for enclosure port immunity to proximity magnetic fields

Test Frequency	Modulation	Immunity test level (A/M)
30 kHz¹)	CW	8
134.2 kHz	Pulse modulation²) 2.1 kHz	65
13.56 MHz	Pulse modulation²) 50 kHz	7.5²)

a)This test is applicable only to ME EQUIPMENT and ME SYSTEMS intended for use in the home healthcare environment.

b)The carrier shall be modulated using a 50% duty cycle square wave signal.

c)H m/s, before modulation is applied

12. Disposal

Dispose of at a public collection point in EU countries according to the 2012/19/EU WEEE Directive.

Dispose of your monitor and other components according to local regulations. Improper disposal may cause environmental pollution. Dispose of used batteries in accordance with local regulations.

11. Summary of clinical testing and baseline demographic

This monitor has been clinically investigated according to the requirements of ISO 81060-2:2018. In the clinical validation study, the cuffs were tested for clinical accuracy with the main unit. Testing was conducted on 90 participants per cuff, including individuals aged 12 years and older, as well as patients with diabetes and hypertension (pregnant women were excluded). The sample group included at least 30% male and 30% female participants.

Summary of clinical validation: No safety problems or adverse events were found during the clinical test. The test results show that the Upper Arm Electronic Blood Pressure Monitor meets the requirement of IEC 80601-2-30:2018.

14. Travel or international use statement

Since the accuracy of the Blood Pressure Monitor will be affected by the external environment, in view of the uncertainty and instability of the travel environment, please do not use the Electronic Blood Pressure Monitor during travel or on the aircraft.

The Blood Pressure Monitor can be used internationally, but it must be used and stored in the environment specified in this user manual.

Since the power supply mode of the AC/DC adapter of the monitor may be incompatible with foreign power supply systems, please do not use AC/DC power supply mode in foreign countries, but only use the device under the battery power supply mode. To ensure that the Electronic Blood Pressure Monitor is not affected during carrying, please check the following items before use to ensure it can operate normally:

- Check the monitor to ensure that the main unit and cuff are free from damage and cracks.
- Check whether the battery is leaking. If there is leakage, please replace the battery.
- Check whether the display is normal and without E-X(X stands for Arabic numerals) prompt.

If you notice any abnormalities, stop using the device immediately.

15. Warranty

- The unit is guaranteed to be free of defects in workmanship and materials under normal use for a period of Five Years from the date listed on the purchase record.
- Claims for repair under this warranty must be reported to your local distributor within the active warranty period. Coverage is strictly limited to parts and labour under standard operating conditions. Any defect resulting from natural causes (e.g., flood, hurricane, etc.) is excluded from this warranty.
- This warranty does not cover damage incurred by use of the unit contrary to the user instructions accidental damage, or being tampered with or serviced by unauthorized service agents.

Monitor subjected to misuse, abuse, and neglect of this manual's content, non-instructional purposes, unauthorized repair or modifications will be excluded from this warranty.

7.2 What is the standard blood pressure classification?

According to 2017 Guideline for the Prevention, Detection, Evaluation and Management of High Blood Pressure, there are four levels for blood pressure classification and two hypertensive crises: emergencies and urgency:

BP classification		Systolic	Diastolic
BP classification	Normal blood pressure	<120mmHg	And < 80mmHg
	Elevated blood pressure	120mmHg ~ 129mmHg	And < 80mmHg
	Hypertension: Stage 1	130mmHg ~ 139mmHg	Or 80mmHg~89mmHg
	Hypertension: Stage 1	>=140mmHg	Or >=90mmHg
hypertensive crises	Hypertensive urgency	>=180mmHg	Or >=120mmHg
	Hypertensive urgency	>=180mmHg target organ damage	Or >=120mmHg target organ damage

BP indicates blood pressure (based on an average of >=2 careful readings obtained on >=2 occasions).

Source: ACC/AHA 2017 High Blood Pressure Clinical Practice Guideline.

⚠ Warning

- Only a doctor or healthcare professional can determine your normal blood pressure range and assess whether a reading is dangerously high or low. Please contact your doctor if your measurements fall outside your normal range.

13. Electromagnetic Compatibility

Statement:

This equipment is intended for use in both home healthcare and professional healthcare environments, maintaining the following essential performance:

Essential Performance:

According to IEC 80601-2-30: 2018, we have conducted EMC testing and 30% female attribution sample.

Accuracy:	Pressure: within ±3mmHg (0.4kPa) Pulse value: ±5%

If Essential Performance is lost or degraded due to electromagnetic disturbances, the result in inaccurate measurement and mislead patients, Please read the important information below to avoid any possible electromagnetic disturbances.

Warning :

- Using cell phone or microwave oven, HF surgical equipment, magnetic resonance imaging or other radio radiant equipment near this product may cause malfunction or lead to loss of essential performance, which means that the measurement accuracy will be affected.
- Use of this equipment adjacent to or stacked with other equipment should be avoided because it could result in improper operation. If such use is necessary, this equipment and the other equipment should be observed to verify that they are operating normally.
- Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm (12 inches) to any part of the monitor. Otherwise, reduced performance of this equipment could occur.
- Use of accessories, transducers other than those specified or provided by the manufacturer of this equipment could result in increased electromagnetic emissions or decreased electromagnetic immunity of this equipment and result in improper operation.

8. Care And Maintenance

8.1 Cleaning and Disinfection

This device is suitable for multi-patient use and must be cleaned and disinfected between uses as necessary. Thoroughly clean the main unit, air hose, and cuff. Ensure the cuff (applied part) is fully disinfected. Wait 10 minutes after cleaning/disinfection before use.

Wash your hands or use hand sanitiser before cleaning the device.

Clean/disinfect the accessories at room temperature 5 ℃ ~ 40 ℃ .

Cleaning method:

1)Clean the device with a soft cloth dampened with soapy water until no visible contaminants remain.

2)Wipe he cleaning solution off of the device with a soft cloth dampened with tap water until no visible cleaning agent remains.

3)Air dry the device thoroughly after cleaning.

Disinfection method:

Clean the cuff first following the steps above.

1)Disinfect the cuff with a soft cloth dampened with 70% isopropanol for 3 minutes.

2)Leave the cuff at room temperature for 10 minutes to allow any remaining disinfectant to evaporate completely.

Note :

- Do not use gasoline, diluent or other harsh chemicals to clean the device, as this may result in malfunction, discolouration, or damage to internal and external components.
- Do not hold the device under running water, or ubmerge it in water or other liquids.
- Ensure that no liquid penetrates into the device. If this happens, only use it again after the device is completely dry.
- Be sure that the device is switched off and the AC/Type-C adapter is disconnected from the AC socket when cleaning/disinfecting the device.

Caution:

- Security, antitheft, and radiofrequency identification (RFID) devices some electromagnetic anti-theft systems and metal detectors such as those used at entrances or exits of department stores, libraries, and other public places, and airport security screening devices may affect the monitor. Additionally, RFID devices, which are often used to read identification badges, as well as some tag deactivation devices, such as those used at payment counters at stores and loan desks at libraries, may also affect the monitor. Please do not use monitor near these places. If you have to go through one of these devices, switch off your monitor. Before each use, check the status of your monitor to ensure it is operating normally.

Using short-wave diathermy, microwave diathermy, or therapeutic ultrasound diathermy (all now referred to as diathermy) and electrosurgery devices near this product may cause malfunction or lead to loss of essential performance. Please do not use monitor near this equipment. Before each use, observe the device to verify that it is operating normally.

Guidance and manufacturer's declaration – electromagnetic emission

The Blood pressure monitor is intended for use in the electromagnetic environment specified below. The user of the Blood pressure monitor should ensure that it is used in such an environment.

Emission test	Compliance	Electromagnetic environment – guidance
Conducted and Radiated RF emissions CISPR 11	Group 1 Class B	The Blood pressure monitor uses RF energy only for its internal functions. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
Conducted RF emissions CISPR 11	Group 1 Class B	The Blood pressure monitor is suitable for use in all establishments, including domestic environments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes. except near active HF surgical equipment and RF shielded room for magnetic resonance imaging,
Radiated RF emissions CISPR 11	Group 1 Class B	

Note: The ISM (industrial, scientific, and medical) bands between 0.15 MHz and 80 MHz are 6.765 MHz to 6.795 MHz; 13.553 MHz to 13.567 MHz; 26.957 MHz to 27.283 MHz; and 40.66 MHz to 40.70 MHz.

The amateur radio bands between 0.15 MHz and 80 MHz are 1.8 MHz to 2.0 MHz, 3.5 MHz to 4.0 MHz, 5.3 MHz to 5.4 MHz, 7.0 MHz to 7.3 MHz, 10.1 MHz to 10.15 MHz, 14 MHz to 14.2 MHz, 18.07 MHz to 18.17 MHz, 21 MHz to 21.4 MHz, 24.89 MHz to 24.99 MHz, 28.0 MHz to 29.7 MHz, and 50.0 MHz to 54.0 MHz.

| Rated power frequency magnetic fields (IEC 61000-4-8) | 30A/m 50Hz or 60Hz | 30A/m 50Hz | Power frequency magnetic fields should be at levels characteristic of a HOME HEALTHCARE ENVIRONMENT and Profess