

YONKER

Arm type Blood Pressure Monitor



Intelligent pressure



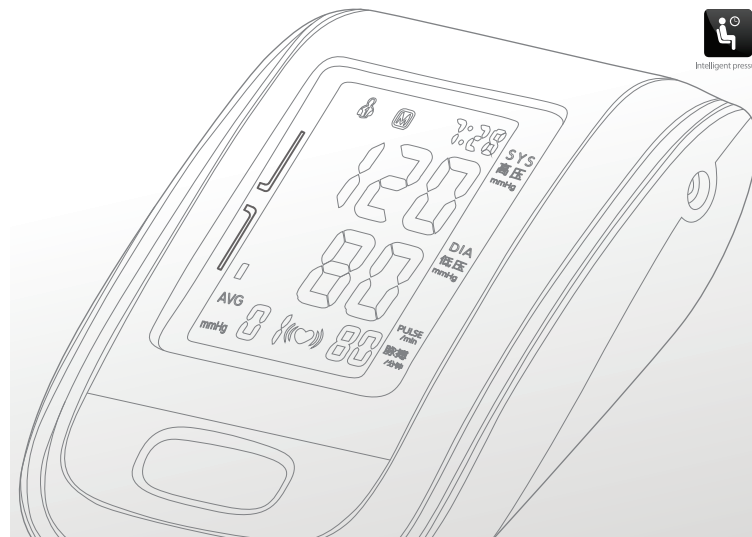
Double data



Blood pressure classification



Voice operation



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Before using this product, please read the user's manual carefully and use it accordingly. Please keep the user's manual properly for reference at any time. (The pictures in this manual are for reference only)

Preface

Dear user:

Thank you for choosing our arm type blood pressure monitor. Before using this arm type blood pressure monitor, please read the user's manual carefully and use it accordingly. Please keep the user's manual properly for reference at any time. The arm type blood pressure monitor can be used in hospitals, families, schools and medical centers. It is suitable for crowd above 12 years old, not for neonate.

Product Brief Introduction:

The full name of this product is arm type blood pressure monitor. It is consisted of the main body and the arm cuff, suitable for human blood pressure and pulse measurement.

The arm type blood pressure monitor adopts the intelligent pressure method, which can measure your blood pressure to a suitable value automatically according to your own blood pressure value. It can effectively reduce the discomfort caused by incorrect pressure, shorten the measurement time, and prolong the service life of the arm at the same time.

The blood pressure monitor has power adapter socket and the adapter is optional, which is easy to use. This blood pressure monitor has the memory function of 99 groups of measuring data of two people, which can save the data separately. It can display the average reading of the latest 3 groups of measurement results.

This blood pressure monitor has the function of blood pressure classification, which is convenient for you to judge whether your blood pressure is normal or not.

This blood pressure monitor has voice broadcast function (optional). During measurement and recall the memory, there will be voice operation tips.

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Safety Precautions

Warnings and graphic symbols in the user's manual are aimed at enabling users to use the product safely and correctly, so that avoid any damages to users and the others. Specific meanings are as follows:

Symbol Descriptions	
	Warning: to remind you that misuse of the product may cause personnel damage, measurement failure and article damage. (Article damage includes damage to housing, property, pets and livestock.)
	Enforcement: to represent compulsive behavior, namely matters must to be observed when using the product.
	Prohibition: to stand for prohibited contents, namely matters not allowed to do when using the product.
	Prohibition of Disassembly.
	Caution of electric current.
	Caution of fire.

	BF type applied part
	Refer to operation manual
	Manufacturer
	Date of manufacture
	European union representative
	Serial number
	Separate collection
	Keep dry
	Product certification

Caution	
!	● Arrhythmia, diabetes, poor blood circulation or stroke patients, please use the product under the guidance of a doctor. ● It is very dangerous for the patients to make self-judgment and self-treatment according to the measurement results. Please follow the guidance of the doctor, self-judgment is likely to deteriorate the patient's condition. ● There may be a risk, such as arm numbness or pain, that may be caused by over inflation of the gasbag. ● For the sake of safety, please keep the product in the place where the child is not easy to touch.
⊘	● Infants and children who can not express their thoughts are prohibited to use the product, because they will be the cause of the accident or dispute. ● Do not use it for purposes other than blood pressure measurement. It can be a cause of accident or dispute ● Please do not use chemical reagents such as thinner, alcohol, gasoline to clean this product. ● Do not beat the product heavily or fall from a height. ● Please be sure to use the special arm cuff of this product, otherwise it can not be accurately measured ● Do not use the mobile phone near the machine. There is a risk of making the machine to malfunction.

⊘	● Do not disassemble, repair or reconstruction of the machine and the arm cuff of the arm type blood pressure monitor blood pressure meter, otherwise it can not be measured correctly
⚠	● Do not force a bending of the arm cuff or the air tube. ● When removing the air pipe, please take out the air pipe at the front part of it. ● Don't pressure the product before the arm cuff is twined around the arm ● As the dry battery leakage can damage the product, so please pay attention to the following points. ● If you don't use the product for a long time (more than 3 months), please take out the battery. ● After use, replace the battery which is in power shortage with a new one immediately. ● Do not intermix old and new batteries. ● Install the positive and negative battery correctly. ● Do not intermix different types of batteries.
⚠	● Please be sure to use the special AC adapter of this product, otherwise it may cause fire or electric shock. ● Please be sure to use the appropriate AC adapter. Use the power socket separately, otherwise it is likely to cause a fire or electric shock.
⚠	● Please do not use wet hands to pull the plug on the AC adapter, otherwise it may cause electric shock or injury.

1. Product Introduction

1.1 Intended use

The blood pressure monitor is used for measuring blood pressure and pulse rate. The monitor can be used in hospitals, families, schools and medical centers. It is suitable for crowd above 12 years old, not for neonate.

User Group

Age: above 12 years old

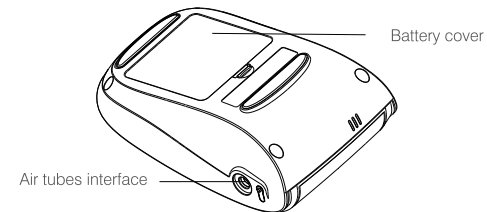
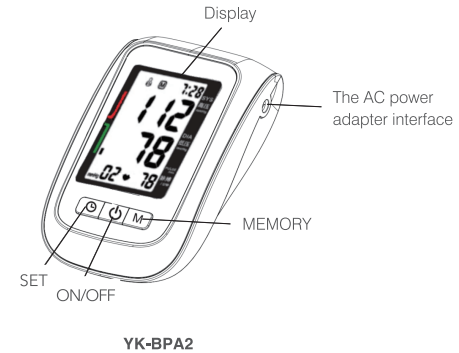
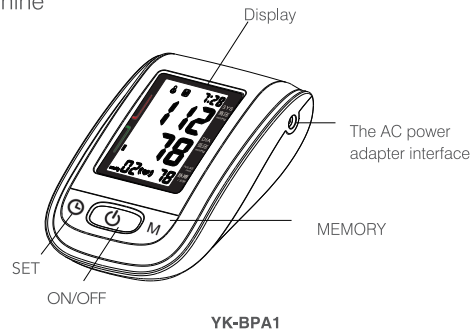
-People who need to have their blood pressure measured

-Doctor

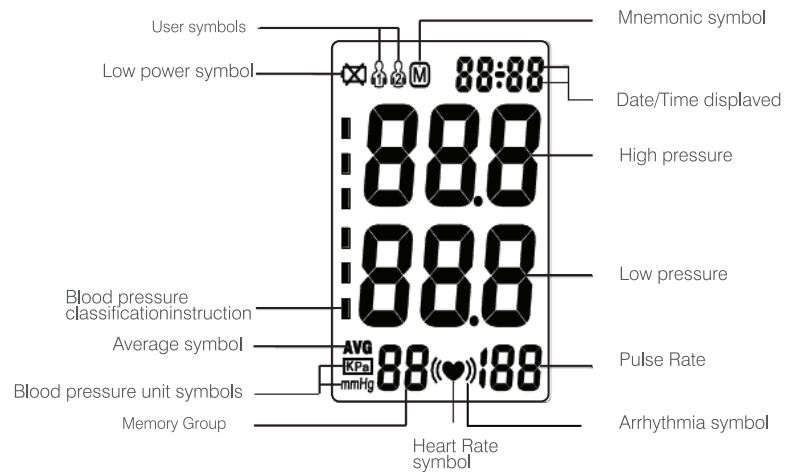
1.2 Contraindications

Serious arrhythmia.

1.3 The part of machine



1.4 Display Screen



1.5 Functional Description

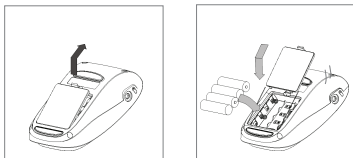
- ① Measurement: Oscillographic measurement
- ② The results showed that: high pressure / low pressure / pulse
- ③ Unit Conversion: blood pressure units kPa / mmHg conversion (the default boot unit is mmHg)
- ④ Memory Group: Two sets of memory, each 99 measurements results of memory
- ⑤ Clock function: Set of year, month, day, hour, minute ;
- ⑥ Low power testing: any working-state detecting low power, LCD displays "  " symbol prompts low power
- ⑦ Blood pressure classification indicator: blood pressure classification indicates blood pressure health, see Appendix Table 1
- ⑧ Error: See Appendix Table 2
- ⑨ Overpressure protection function: pressure over 295mmHg (20ms) is automatically and quickly exhaust
- ⑩ Auto power off function: No action for 2 minute then automatic shutdown

2. Load the battery / AC adapter use

This product can be used both dry and can use the AC adapter.

2.1 Use of charged batteries

- ① Remove the battery cover in the direction of the arrow;
- ② Press the 5 battery pole mount;
- ③ Will slide off the battery cover.



⚠ Note ⚠

- Icon "  ": indicates the battery is about to run out. Please replace the four new batteries (same species).
- Please turn off the machine when the power battery replacement.
- If you remove the battery in the boot state, the timer is stopped. But saved memory value is not eliminated.
- After replacing the battery, you may need to reset the time. For details, refer to "3.2 Setting the Time" section.
- Methods of disposal after use batteries should be handled according to local regulations on environmental protection.

2.2 AC Adapter for use

- ① Connect the blood pressure monitor with AC adapter;
- ② Keep the AC adapter plug into the right side of the arm type Blood Pressure Monitor AC power adapter interface.
- ③ Connect the AC adapter is plugged into an AC outlet can match.

⚠ Note ⚠

- When off the power, cut off the power outlet and AC adapter, then cut off the AC adapter and arm type Blood Pressure Monitor. Be sure to use a dedicated AC adapter.
- When the power supply and battery use at the same time, does not consume battery power;
- When switching AC adapter and battery, please switch in the shutdown state, otherwise the instrument will shut down because of power outages;
- Only use the AC adapter, unplug it from the outlet, the set time will disappear, in order to maintain the correct display time, use both batteries.

3.Initial Setting

This device can automatically memorize 99 groups of measured value in memory and calculate the average value of latest three groups of measuring results. It will store correct user and measuring time if they are set correctly, otherwise, user and measuring time cannot be memorized correctly.

Please conduct initial setting before the first measurement if you want to use memory and average value function. Initial setting includes settings of user, time, volume and blood pressure unit.

3.1 User Setting

In the shutdown state, long press SET key until the user symbol "1" on screen starts flashing up, press the MEMORY key to switch "1" or "2" for choosing user, then press SET key for confirming and switch to year setting mode at the same time, if not to choose the system defaults user "1".

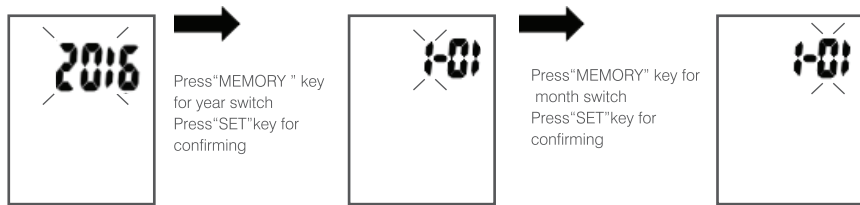


Press "MEMORY" key for switch
Press "SET" key for confirming



3.2 Time Setting

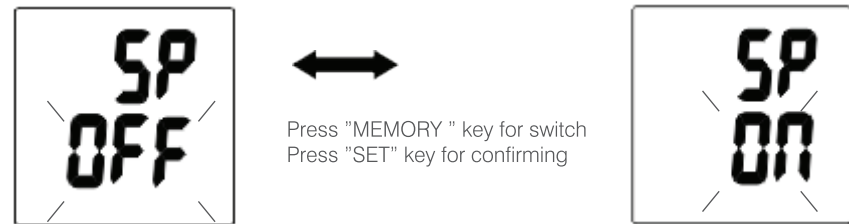
We can get known from 3.1, press SET key under user mode and it switches to year setting mode; the screen displays "2016" and flashes, press MEMORY key, value increment can switch between 2016-2035, when the year to be set appears, press SET key to confirm and it switches to "month", "date" setting mode at the same time, it means the value stands for month is in flashing state, press MEMORY key, value increment can switch between 1-12, when the month to be set appears, press SET key to confirm, the value stands for date is now in flashing state, it is the time to set date, press MEMORY key, value increment can switch between 01-31, press SET key to confirm and it switches to "hour", "minute" setting mode at the same time, value stands for hour is in flashing state now, press SET key, value increment switches between 0 to 23. When the hour to be set appears, press SET key to confirm, the value stands for minute is now in flashing state, it is the time to set minute, press MEMORY key, value increment can switch between 00-59, when minute to be set appears, press SET key to confirm and it switches to "volume" setting mode at the same time, namely "SP" setting mode.



Note: Keep on pressing the MEMORY key,the number will increase fast.

3.3 Sound setting

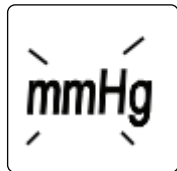
We can get known from 3.2, after setting up time, press SET key to confirm and switch to "SP" mode at the same time, the "ON" or "OFF" is in a flashing state now. Press MEMORY key to choose, when set to "ON", there is a voice prompt when BP monitor is under measurement and viewing memory; when set to "OFF", there is no voice prompt. After choosing it, press SET key for confirming and switch to "BP Unit" mode at the same time. The system defaults "ON" if you didn't choose anything.



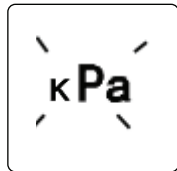
Note: If the instrument is optional without voice, no need to set the sound.

3.4 BP Unit Setting

We can get known from 3.3, after setting up volume, press SET key to confirm and switch to "BP Unit" mode at the same time, the "mmHg" or "kPa" is in a flashing state now. the system defaults mmHg as blood pressure unit if there is no switch. After choosing it, press SET key for confirming and it is shutdown at the same time.

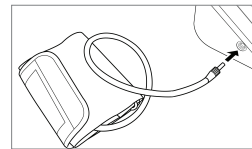


Press "MEMORY" key for switch
Press "SET" key for confirming

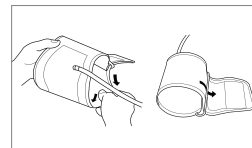


4. Usage of NIBP Cuff

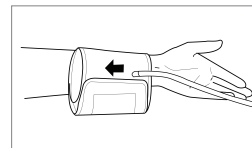
- ① Insert the tracheal plug into spigot of blood pressure monitor for cuff



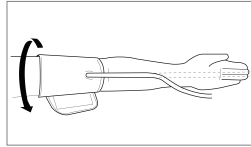
- ② Adjust the cuff to tubular until it is suitable to put your arm inside.



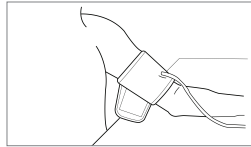
- ③ Arm pass through the cuff. The cuff air pipe should be located the palm front end



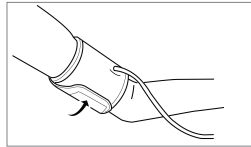
- ④ The cuff should be wind on the upper arm. Colored markers should be located in the middle of the inboard arm and pointing down to the inside of the arm, the air pipe is also located in the inboard and be in a line with middle finger.



- ⑤ The bottom of the cuff should be located on the elbow in upper arm, the bottom of the cuff should be 2cm-3cm from the elbow.



- ⑥ Please close the cuff by buckle. There should be not got the gap between the arms and the cuff.

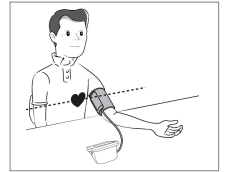


5. Measure blood pressure

5.1 The Correct measurement method

The left arm, right arm are all ok to measure, Be bare arms or only wear thin clothes to measure. Please measure at a temperature suitable room.

- ① Put your elbows on the table ;
- ② The cuff height should be consistent with the heart;
- ③ The palm shall be upward, Relax the body.



⚠ Attention ⚠

- If you wear thick clothes, don't roll up your sleeves, but take off and measure it.
- In order to accurately measure, please pay attention to the correct winding cuff (Refer to "4 The method of using cuff")
- Please don't press your arms on the air tube, or you may restrict the flow of air to the cuff.
- Please be the same pose for blood pressure measurement, every day at the same time, with the same arm.
- The location of the cuff will cause changes of measurement results.
- Don't touch the machine ,cuff and air pipe during measuring.

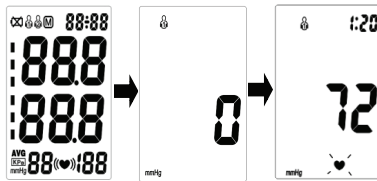
- You should keep quiet when start measuring, the body should be in a state of relaxation
- Please be quiet for 4~5 minutes before measurement.
- Relax your body, don't let muscle activity
- Don't talk or move when you are measuring.
- Please wait for 2-3 minute if you wan to measure again.
- Do not use mobile phones and other mobile devices in the vicinity of the machine.

5.2 Operation steps of blood pressure measurement

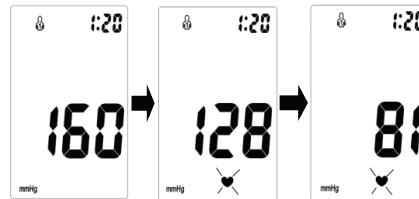
The machine has 2 kinds of BP units,which is mmHg and kPa,please refer to 3.4 part for the specific method of setting.

Take the mmHg value as an example in the following explanation.

- ① Press the "ON / OFF" key, the machine will automatically return to zero, arm with automatic start filling with air, the pump started to inflate the cuff, the screen will display the pressure changes in the cuff. In the process of inflation, ,arm type blood pressure monitor also detects the pulse, so the whole measurement process, please do not move the arm,keep the stationary state.



- ② When the air in cuff reaches a stable pressure, pump stop inflating, the pressure cuff gradually decrease and will be displayed on the screen at the same time, The heart icon will flash and beep.



- ③ After the measurement, the machine will simultaneously exhaust and displays your blood pressure value and the pulse number.

Note: the machine will automatically save the blood pressure and the pulse number.



Interrupt measurement:

If you need to interrupt the measurement for some reason (for example, you feel uncomfortable), at any time, press the "ON / OFF" key, the machine will automatically reduce the arm with air pressure, interrupt measurement.

Important hints:

For the same user, the interval between the two measurements is at least 2-3 minutes. Between the two measurements of waiting is mainly to let the artery restored to the state before the measurement of blood pressure.

In the measurement process, if the body is moving, it will cause the measurement result is not accurate, or measure the failure, and it will display error message. In this case, please repeat the measurement process, and keep quiet until the end of the measurement.

If Irregular Heartbeat(IHB) brought by common arrhythmias is detected in the procedure of blood pressure measurement, a signal of " (♥♥) "will be displayed. Under this condition, the blood pressure monitor can keep function, but the results may not be accurate, it's suggested that you consult with your physician for accurate assessment.

5.3 Answers to the question during measurement

Anomalies	Cause	Correction
A high (low) anomaly blood pressure measurements	Whether wrap the cuff properly	Wrap the cuff properly (refer to the page 9)
	Whether chatting or moved the arm during measurement	Keep quite and body peaceful then measure again
	Whether the sleeves rolled up too tight	Take the too tight coat off and measure again
No inflation	Whether the cuff leak	Change a new cuff
	Whether the plug connected well with the cuff	Please connect correctly
Cuff leak in a short time	Whether the cuff wrap too loose	Please wrap the cuff correctly
Not working after press the start button		Please reconnecting power and measure again

During measurement suddenly power off	When not use for a long time, the temperature variation may make the battery power exhausted	Change a new battery
No display after press the start button	Whether the power exhausted	Change a new battery
	Whether the polarity position anti-access	Install the battery in proper placement
Other anomalies		Please press the start button and check again or change a new battery, if still can't measure please connect After-sales service department.

6.Memory Function

6.1 Memory data viewing

This blood pressure storing 2x99 set memory value, each measurement it will automatically stored. When it stored 2x99 set memory value, the old value will be covered by the new one. It can show the latest 3 times average value.

Note

In order to make a note of measurement correctly, before measurement, please make sure set the right user and time. Under one user, it has stored 99 set data, when you save the 100th set date, the earliest one date will be deleted.

6.1.1 Read memory record

Short press the MEMORY key it will show the latest 3 times average value. It will appear "AVG" in the lower-left corner;

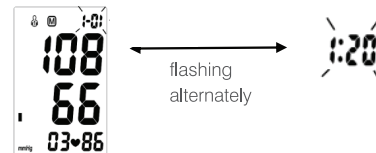


⚠ Note ⚠

- When the number of memory value less than 3 set, like there are 2 set memory value, the memory button will show this 2 set average value, if there is 1 set memory value, the memory button will show this 1 set average value, that is this 1 set measure value.

6.1.2 Read the result

Press the MEMORY key in average mode, you can read the latest 1 time measurement value, repeat press the MEMORY key to cyclic switch in the previous measurements.



6.2 Delete the memory value

Long press the MEMORY key in the memory mode, all memory values will be deleted.

⚠ Warning ⚠

This operation deletes all memory values, users need to operate carefully.

7. Maintenance and Storage

* Be sure to keep the notes and other correct usage in the user manual, Failure to obey the regulations, the company doesn't take responsibility of the quality.

7.1 Maintenance methods

- Keep the blood pressure clean frequently
- Using a soft dry cloth towel clean this blood pressure monitor, if it is very filthy you can wet the towel with water or neutral detergent, wring out it and wipe the monitor.

Note

- Please prevent water or other liquid seep into the blood pressure monitor.

Suggestion

- Don't clean the body and cuff with naphtha, thinner or gasoline etc.
- Don't wet the cuff or attempt to clean the cuff with water

7.2 Storage method

Advice

Do not place the unit in the following places:

- Easy splashing
- Direct sunlight, high temperatures, humidity, dust, full of corrosive gas places
- Some slant, vibrative, shock place .
- Some place storing chemicals or corrosive gas.

Advice

Please take out the battery and keep it in well storage if you won't use the unit in long time.
(More than 3 months)

Advice

It is recommended to calibrate the arm type blood pressure monitor once a year, by the manufacturer.

8. Manufacturer's Declaration of the EUT

Guidance and manufacturer's declaration – electromagnetic emission –
for all EQUIPMENT AND SYSTEMS

1	Guidance and manufacturer's declaration – electromagnetic emission		
2	The product is intended for use in the electromagnetic environment specified below. The customer or the user of product should assure that it is used in such an environment.		
3	Emissions test	Compliance	Electromagnetic environment - guidance
4	RF emissions CISPR 11	Group 1	The product uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
5	RF emissions CISPR 11	Class B	The product is suitable for use in all establishments, including domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.
6	Harmonic emissions IEC 61000-3-2	N/A	
7	Voltage fluctuations / flicker emissions IEC 61000-3-3	N/A	

Guidance and manufacturer's declaration – electromagnetic emission –
for all EQUIPMENT AND SYSTEMS

Guidance and manufacturer's declaration – electromagnetic immunity			
The product is intended for use in the electromagnetic environment specified below. The customer or the user of the product should assure that it is used in such an environment.			
Immunity test	EN 60601 test level	Compliance level	Electromagnetic environment - guidance
Electrostatic discharge (ESD) IEC 61000-4-2	± 6 kV contact ± 8 kV air	± 6 kV contact ± 8 kV air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30 %.
Electrostatic transient / burst IEC 61000-4-4	± 2 kV for power supply lines ± 1 kV for input/output lines	N/A	Mains power quality should be that of a typical commercial or hospital environment.
Surge IEC 61000-4-5	± 1 kV differential mode ± 2 kV common mode	N/A	Mains power quality should be that of a typical commercial or hospital environment.

Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	< 5 % UT (>95 % dip in UT) for 0.5 cycle 40 % UT (60 % dip in UT) for 5 cycles 70 % UT (30 % dip in UT) for 25 cycles < 5 % UT (>95 % dip in UT) for 5 sec	N/A	Mains power quality should be that of a typical commercial or hospital environment. If the user of the product requires continued operation during power mains interruptions, it is recommended that the product be powered from an uninterruptible power supply or a battery.
Power frequency (50/60 Hz) magnetic field IEC 61000-4-8	3 A/m	3 A/m	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.
NOTE : UT is the a. c. mains voltage prior to application of the test level.			

Guidance and manufacturer's declaration – electromagnetic immunity –
for EQUIPMENT and SYSTEM that are not LIFE-SUPPORTING

Guidance and manufacturer's declaration – electromagnetic immunity			
The product is intended for use in the electromagnetic environment specified below. The customer or the user of the product should assure that it is used in such an environment.			
Immunity test	EN 60601 test level	Compliance level	Electromagnetic environment -guidance
Conducted RF	3 Vrms	N/A	Portable and mobile RF communications equipment should be used no closer to any part of the product including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter. $d = [\frac{3.5}{V_1}] \sqrt{P}$ Recommended separation distance $d = [\frac{3.5}{E_1}] \sqrt{P}$ 80 MHz to 800 MHz $d = [\frac{7}{E_1}] \sqrt{P}$ 800 MHz to 2.5 GHz Where p is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and d is the recommended separation distance in metres (m).b Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey, should be less than the compliance level in each frequency range.b Interference may occur in the vicinity of equipment marked with the following symbol: 
IEC 61000-4-6	150 kHz to 80 MHz		
Radiated RF IEC 61000-4-3	3 V/m 80 MHz to 2.5 GHz	3 V/m	

NOTE 1: At 80 MHz and 800 MHz, the higher frequency range applies.
NOTE 2: These guidelines may not apply in all situations. Electromagnetic is affected by absorption and reflection from structures, objects and people.
a. Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the product is used exceeds the applicable RF compliance level above, the product should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as reorienting or relocating the product.
b. Over the frequency range 150 kHz to 80 MHz, field strengths should be less than 3V/m.

Recommended separation distances between portable and mobile RF communications equipment and the EQUIPMENT or SYSTEM - for EQUIPMENT and SYSTEMS that are not LIFE-SUPPORTING

Recommended separation distances between portable and mobile RF communications equipment and the product
The product is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the product can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the product as recommended below, according to the maximum output power of the communications equipment.

Rated maximum o utput of transmitter W	Separation distance according to frequency of transmitter m		
	150 kHz to 80 MHz $d = [\frac{3.5}{V_1}] \sqrt{P}$	80 MHz to 800 MHz $d = [\frac{3.5}{E_1}] \sqrt{P}$	800 MHz to 2.5 GHz $d = [\frac{7}{E_1}] \sqrt{P}$
0.01	/	0.12	0.23
0.1	/	0.38	0.73
1	/	1.2	2.3
10	/	3.8	7.3
100	/	12	23
For transmitters rated at a maximum output power not listed above the recommended separation distance d in metres (m) can be estimated using the equation applicable to the frequency of the transmitter, where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer.			
NOTE 1: At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies.			
NOTE 2 : These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.			

Appendix

I . Product Specifications

Name	Arm type Blood Pressure Monitor	
Model	YK-BPA1,YK-BPA2	
Display	Segment LCD Display	
Prevent into the liquid level	IP21	
Measurement	Upper Arm	
Measurement Range	NIBP	0-280 mmHg
	PR	40-199 bpm
Accuracy	NIBP	≤ ± 3mm Hg(± 0.4kPa)
	PR	± 5%

Power	4 AA alkaline batteries, AC adapter (AC 220V)		
Electrical parameters	Working Voltage	4.2-6V	
	Low electrical parameters	4.4V ± 0.1V showing low power , < 4.2V ± 0.1V power offer	
	Blood pressure test current	No pump valve working condition	
	Shutdown current	< 100uA	
Size	15*9.6*5.7 (cm)		
N.W.	280g		
Working Condition	Temperature	+5°C ~ 40°C	If stored or used outside the specified temperature and humidity range, blood pressure will not work properly.
	Humidity	15%RH ~ 80%RH	
	Atmospheric	86kPa ~ 105kPa	

Transporting and storing Condition	Temperature	-20°C~+55°C	Avoiding strong impact, direct impact, exposure or rain when Transporting. Packed blood pressure monitor should be stored in the condition met the humidity and atmospheric requirements, and non-corrosive gases and ventilated room.
	Humidity	15%RH~95%RH	
	Atmospheric	50kPa~105kPa	
Security Type	Internally powered(When using an adapter, it belongs to class II, internal power supply), BF type application equipment.		
Duration of use	5 years		
Accessories	Adult armband: for arm circumference range: 22-32cm Operator's Manual 4 AA alkaline batteries (optional) Adapter(optional) : AC 100-240V 50/60Hz		

II . Blood Pressure Classification Instructions

Table 1 Blood pressure classification instructions

LCD	High pressure	Low pressure
Serious	≥ 180	≥ 110
Moderate	160 ~ 179	100 ~ 109
Mild	140 ~ 159	90 ~ 99
little higher	130 ~ 139	85 ~ 89
Normal	120 ~ 129	80 ~ 84
Most suitable	≤ 119	≤ 79

III . LCD Error Prompt and Related Reasons Table

Table 1 LCD error prompt and related reasons table

LCD Error message	the cause of error
"E0 1"	Due to leaks too fast or pulse signal is too weak, please check arm cuff, and after tied measure once again.
"E0 2"	Because there is too much interference, the blood pressure signal can not be detected, Please remove the interference source, and then measure again
"E0 3"	Test results are not normal, measure again
"E0 p"	If Inflation fail, Please check and re-tie the strap, and then measure again
"HI"	When the inflation pressure is higher than $307 \pm 8\text{mmHg}$ ($41\text{kPa} \pm 1\text{kPa}$), please re-measure

Services

1. One year free warranty period will be provided after sales.
2. Our company cannot provide the free warranty service due to the malfunction caused by personal reason, details as follow:
 - ① The malfunction caused by disassemble and modify the product.
 - ② The product inner malfunction caused by dropping while picking up or operating.
 - ③ The malfunction caused by improper used or lack of reasonable cared.
 - ④ The malfunction caused by operating not following the operator' s manual .
 - ⑤ The malfunction caused by natural disasters, Such as flooding , fire.
 - ⑥ The malfunction caused by improper repaired by repaired shop which isn' t our authorized.
3. Please show your valid warranty card and shopping vouchers when you need free service.
4. Please bring the product to repaired shop which is our authorized when you need free repaired.
5. When performing warranty service, if needed, you can provide information on product components to circuit diagrams and repairable identified by our qualified technical personnel.
6. We will collect reasonable charge when we repair some malfunctions which out warranty service.

Contact information:



Xuzhou Yongkang Electronic Science Technology Co., Ltd
 4F Building C8, 40 Jingshan Road, Economic and Technological Development Zone,
 Xuzhou, China
 TEL: +86-516-87892766 FAX: +86-516-87892755-606

The authorized representative of European Union:



Prolinx GmbH
 Brehmstr . 56 , 40239 , Duesseldorf
 Germany

