

SHIKON
MADE IN INDIA
Digital Blood Pressure Monitor



MODEL : SK-015C

Instruction manual

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Introduction

▲ Thank you for purchasing SHIKON Fully Automatic Upper Arm Digital Blood Pressure Monitor.

▲ The device uses the oscillometric method of blood pressure measurement. It means the device detects the movement of your blood through your brachial artery and converts your blood pressure into a digital reading. An oscillometric monitor does not need a stethoscope, hence the device is simple to use.

▲ The device could measure the systolic pressure, diastolic pressure and pulse. The components included in the box are the body, cuff and printed instruction manual. However, batteries are optional. The device is intended to be used by adults only.

▲ Intelligent inflation reduces the uncomfortable feeling by incorrect inflation, and shortens the measurement time, prolonging the cuff's usage lifetime.

▲ The device stores automatically 2x99 sets of measurement value and each measurement result will be displayed on the screen. The stored data can be read conveniently by pressing the memory button. This device has blood classification index which helps to easily check your blood pressure.

Please read the instruction manual carefully before using the device, and keep the manual well after using it.

Product Structure

Body

Air socket
Setting button
Memory button
Display
Low battery symbol
User
Blood pressure classification indicator
Memory symbol
Memory times
Year/Month/Date/Time
Average symbol
Irregular heart beat

Systolic blood pressure
Diastolic blood pressure
Pulse rate
Pulse

Cuff size and connection

The accessories cuff is M size, for upper-arm circumference 22-36cm. The cuff is treated as the applied part. Insert the connector with cuff tube into the hole which is on the left side of the device as picture. (Only provided cuff can be used, can not change to any other branded cuff.)

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Safety Information

■ To assure the correct use of the device, some basic safety measures should be followed including the precautions listed in the manual:

▲ Those suffering from arrhythmia, diabetes, blood circulation or apoplexy problem, please use under the physician's advice.

▲ Self-diagnosis of measured result and treatment is dangerous. Contact your physician for specific information about your blood pressure. Follow the instructions of your doctor.

▲ The device is intended to be used in measuring blood pressure and pulse rate for adults only and is not recommended for neonatal baby.

▲ Operate the device only as intended. Do not modify, use for any other purpose without authorization of the manufacturer.

▲ Do not disassemble or attempt to repair the device or any components as it will cause the device to function erroneously.

▲ The swallowing of small parts like packaging bag, battery, battery cover, wrapping of cuff hose around the neck may cause suffocation.

▲ Please don't use a dilution agent, alcohol or petrol to clean the device. Please don't hit heavily or drop the device from a high place.

▲ Do not use the device where flammable gases (such as anesthetic gas, oxygen or hydrogen) or flammable liquid (such as alcohol) are present.

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Safety Information

Symbol descriptions

WARNING: This alert identifies hazards that may cause serious personal injury or death.

Type BF applied part

Manufacturer

SN Specifies serial number

DISPOSAL: Do not dispose this device as an unsorted municipal waste. Collection of such waste separately for special treatment is necessary.

Keep dry

Follow instructions for use

CAUTION: Consult accompanying documents

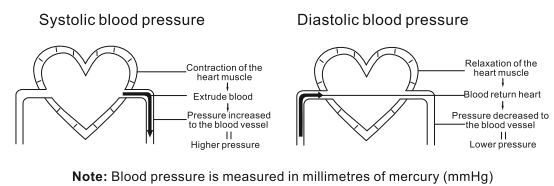
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About blood pressure

1. What is blood pressure?
Blood circulation is responsible for supplying the body with oxygen. Blood pressure is the pressure exerted on the arteries.

The **systolic blood pressure** value (higher pressure or top value) represents the blood pressure produced by contraction of the heart muscle.

The **diastolic blood pressure** value (lower pressure or lower value) represents the blood pressure produced by relaxation of the heart muscle.



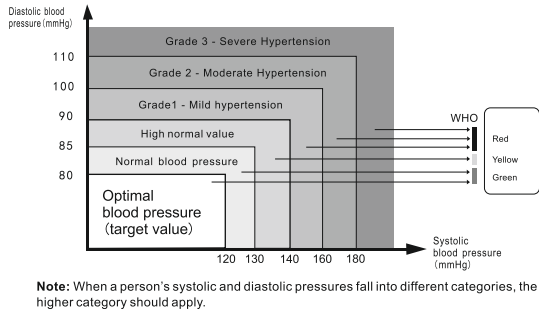
Note: Blood pressure is measured in millimetres of mercury (mmHg)

2. WHO blood pressure classification
Standards for assessment of high blood pressure, without regard to age, have been established by the World Health Organization (WHO).

According to the blood pressure classification by the WHO/ISH, SYS lower than 100mmHg (13.3kPa) is considered as hypotension.

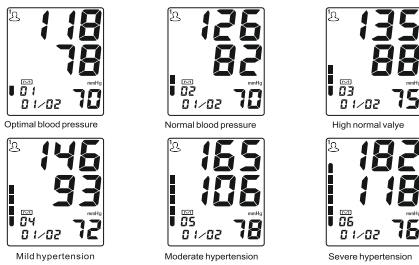
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About blood pressure



Note: When a person's systolic and diastolic pressures fall into different categories, the higher category should apply.

3. Classification of blood pressure
After each measurement is completed, the LCD display will show your position automatically on the six segments of the bar indicator which corresponds to WHO Blood Pressure indicator.



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System setup of User, Time and Date function

System setup of User, Time and Date function

User setting:

Press the "SET" button to turn on the device. The screen will display U1 or U2. Press the "SET" button again to change U1 or U2. Press the START/STOP button to save the setting.

1. Year setting:

Press and hold the button SET when power off until the year show on display. The screen will display and flash 20XX. Each time you press "MEM" button, the year will increase by one. You can choose from 2017 to 2050. Press "SET" button to confirm the year and save your setting. It will then enter the month and date setting mode.

2. Month and Date setting:

The screen will display month and date, and keep flashing on month. Each time you press "MEM" button, the month will increase by one. You can choose from 1 to 12. Press "SET" button to confirm the month. It will then enter the date setting mode. Each time you press "MEM" button, the date will increase by one. The date will keep changing from 01 to 31. Press "SET" button when you confirm the date. It will then enter the time setting mode.



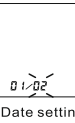
User setting



Year setting



Month setting



Date setting

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Care and Maintenance

Care

- Keep the device in the storage case when not in use. Clean the device with a soft dry cloth.
- Do not use any abrasive or volatile cleaners.
- Never immerse the device or any component in water.



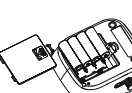
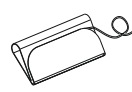
- Make sure the monitor is off prior to cleaning, a mixture of distilled water and 10 percent bleach could be used.
- When using a spray bottle, moisten a soft cloth towel with the bleach or detergent mix until it is fully saturated. Squeeze any excess moisture from the cloth to avoid any dripping or potential over saturation of the cuff.
- Wipe all surfaces of the cuff thoroughly. Make sure to clean the inside and outside of the cuff. Be cautious not to get any moisture in the main device.
- Use a dry cloth and gently wipe away any excess moisture that may remain on the blood pressure cuff. Lay the cuff flat in an unrolled position and allow the cuff to dry.



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Maintenance

- Do not clean the body and cuff with naphtha, thinner or gasoline etc.
- Do not wet the cuff or attempt to clean the cuff with water.
- Store the device in a clean and dry location. Don't subject the device to extreme hot or cold temperature, humidity and direct sunlight.
- Remove the batteries if the device will not be used for 3 months or longer.
- We won't be responsible for any quality problem if you don't care and maintain the product as instructed.

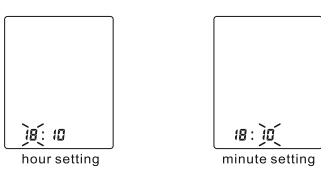


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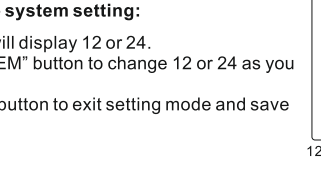
System setup of User, Time and Date function

3. Time setting:

The screen will display hour and minute and will keep flashing on the digits of hour. Each time you press "MEM" button, the hour will increase by one. You could choose from 0 to 23. Press "SET" button when you confirm the hour. The digits of minute will then start to flash. Each time you press the "MEM" button, the hour will increase by one. The minute will keep changing from 00 to 59. Press "SET" button when you confirm the minute. It will then enter into the 12/24 time system mode.



hour setting



minute setting

4. 12/24 time system setting:

The screen will display 12 or 24. Press the "MEM" button to change 12 or 24 as you like. Press "SET" button to exit setting mode and save the settings.

Note:

When you press the "MEM" button for a long time, the value will quickly change during setting process. You can stop the setting anytime when you press the START/STOP button to save the current setting and turn off.



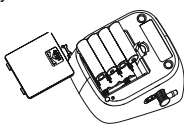
12/24 hour setting

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Battery Installation / Replacement

Battery Installation

- Remove the battery cover from the battery compartment.
- Insert four AA powerful batteries into the compartment and ensure each battery is in the proper direction.
- Replace the battery cover.



Low battery and Replacement

When power on, if the low battery symbol "⚡" appears on the device, immediately replace the old batteries with new batteries otherwise the unit will stop working. Do not mix the old and new batteries.

CAUTION

- Please use 4pcs AA identical 1.5V alkaline batteries.
- Do not use the batteries beyond their expiry date.
- Never leave any low battery in the battery compartment and please remove the batteries if you do not need to use the device for long time since it may leak and cause damage to the unit.
- Do not touch the live end of the battery and patient simultaneously while changing the batteries.

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Warranty Information

Statement

■ The intended use: the unit is intended to be used by adults at home or medical center to measure blood pressure and pulse rate from the upper arm.

■ Warning against servicing and maintenance while the medical equipment is in use.

■ The device satisfies the requirements of EN ISO 81060-1:2012 and EN 1060-3:1997 +A2:2009 Non-invasive sphygmomanometers.

■ Blood pressure measurements determined with this device are equivalent to those obtained by trained observer using the cuff / stethoscope auscultatory method, within the limits prescribed by the American National Standard, manual, electronic, or automated sphygmomanometers.

■ The risk of patient and user can be lowered to acceptable level.

■ Substitution of a cuff different from that supplied might result in measurement error.

■ Specifications are subject to change without notice because of improvement in performance.

Warranty Information

- This device carries a warranty for two years against any manufacturing defect as per Co's policy.

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Warranty Information

■ For repair under this warranty our authorized service agent must be advised of the fault within the period of the warranty. This warranty covers parts and labor only under normal operations. A transportation or freight fee that may be incurred will be the owner's responsibility. Any defect resulting from natural causes, eg. flood, hurricane etc, is not within this warranty. This warranty does not cover damage incurred by use of the device not in accordance with the instructions, accidental damage, or being tampered with or serviced by unauthorized service agents.

■ Monitor subjected to misuse, abuse, and neglect of these manual content, non - instructional purposes; unauthorized repairing or modifications will be excluded from this warranty. This warranty specifically excludes expendables and consumables, for example batteries. All warranty claims must be directed to the distributor responsible for the sale of the device. The content of this warranty is subject to change without further notice.

■ The effects of degraded sensors and electrodes, or loosened electrodes, that can degrade performance or cause other problems.

■ Periodic check: Sensitive measuring devices must be checked from time to time for accuracy and leakage, we therefore recommend that the performance should be checked every 2 years and after maintenance and repair.

■ The device requires no calibration. It is not repairable and contains no user serviceable parts. For any assistance contact our Central Helpline: +91 9433046999

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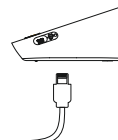
Battery Installation / Replacement

WARNING:

Dispose of the battery in accordance with all federal, state and local laws. To avoid fire and explosion hazard, do not burn or incinerate the battery.

USB POWER SUPPLY

This device can use USB as power supply when you don't use batteries. Please insert the USB cable as the picture showed.



Please remove all the batteries before using the AC adapter.

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Troubleshooting

- If you have trouble using the unit please check the following errors first.

Error Symbol Display	Possible Cause	Solution
E-1	Weak signal. Sudden change in pressure or cuff pressure exceed 96 mmHg.	Wrap the cuff properly. Remeasure with the correct procedure.
E-2	External strong disturbance	When near cell phone or other high radiant device, the measurement would fail. Remain silent and measure again.
E-3	Error appearing during inflation of arm cuff.	Wrap the cuff properly. Make sure that the air plug is properly inserted in the device. Measure again.
E-5	Abnormal blood pressure	Repeat measurement after relaxing for 30mins, if you still get unusual readings for 3 times, please contact your doctor.
⚡	Low battery	Replace all the worn batteries with new ones and measure again.

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Troubleshooting

Trouble removal

Problem	Possible Cause	Solution
No power	Check the battery power.	Replace it with new batteries.
	Check the polarity position of the batteries.	Insert and place the batteries in the correct polarity direction.
No inflation	Whether the plug is inserted.	Insert into the air socket tightly.
	Whether the plug is broken or leaking.	Replace with a new cuff.
Err and stops working	Check whether arm or body has moved during inflation.	Do not move your arms and your body during measurement.
	Check whether you are chatting while measurement.	Keep quiet and measure again.
Cuff leak	Check whether the cuff is wrapped loosely.	Wrap the cuff tightly.
	Check whether the cuff is broken.	Change to a new cuff.

⚠ Please contact our central helpline or local distributor in case you cannot resolve the problem. Do not dismantle the device by yourself.

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SHIKON
MADE IN INDIA
Digital Blood Pressure Monitor

Made in India by:
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From the house of **MORNING WALKER**