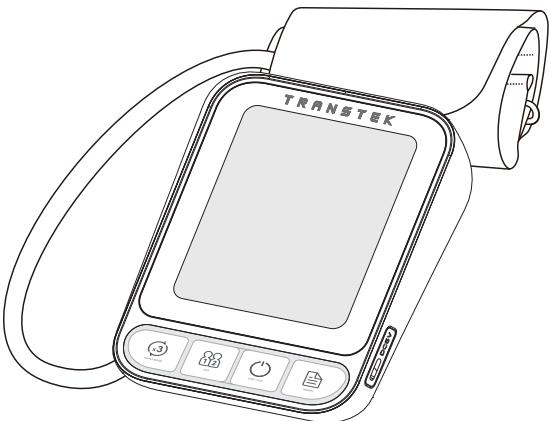


User Manual

Blood Pressure Monitor TMB-2266

Arm Type



- Thank you very much for selecting TRANSTEK Blood Pressure Monitor TMB-2266
- Please do read the user manual carefully and thoroughly so as to ensure the safe usage of this product, and keep the manual well for further reference in case you have problems.

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♥ General Description

Thank you for selecting TRANSTEK blood pressure monitor (TMB-2266). The monitor features blood pressure measurement, pulse rate measurement and the result storage. The design provides you with two years of reliable service.

Readings taken by the TMB-2266 are equivalent to those obtained by a trained observer using the cuff and stethoscope auscultation method.

This manual contains important safety and care information, and provides step by step instructions for using the product.

Read the manual thoroughly before using the product.

Features:

- 71mm×82 mm Digital LCD display with white backlight
- Maximum 199 records per each user
- 3rd technonoly: Measuring during inflation

♥ Indications for Use

The Transtek Blood Pressure Monitor is digital monitors intended for use in measuring blood pressure and heartbeat rate with arm circumference ranging from 22cm to 32cm, 22cm to 42cm, 22cm to 45cm.

It is intended for adult indoor use only.

♥ Contraindications

1. The device is not suitable for use on may be pregnant women or pregnant women.
2. The device is not suitable for use on patients with implanted,electrical devices, such as cardiac pacemakers, defibrillators.

♥ 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. Then it starts inflating the arm cuff, meanwhile, the unit detects pressure oscillations generated by beat-to-beat pulsatile, which is used to determine the systolic and diastolic pressure, and also pulse rate.

♥ Safety Information

The signs below might be in the user manual, labeling or other component. They are the requirement of standard and using.

	Refer to instruction manual/booklet To signify that the instruction manual/ booklet must be read.		Type BF applied part
	Direct Current		Serial Number
	Date and Country of manufacture		Manufacturer
	Recyclable		For indoor use only
	Symbol for "Class II Equipment"		
	MR Unsafe To identify an item which poses unacceptable risks to the patient, medical staff or other persons within the MR environment.		
	Caution Indicates that caution is necessary when operating the device or control close to where the symbol is placed, or that the current situation needs operator awareness or operator action in order to avoid undesirable consequences.		
	The symbol indicates that the product should not be discarded as unsorted waste but must be sent to separate collection facilities for recovery and recycling.		

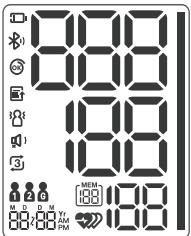
CAUTION

- This device is intended for indoor, home use.
- This device is not intended for public use.
- This device is portable, but it is not intended for use during patient transport.
- This device is not suitable for continuous monitoring during medical emergencies or operations.
- This device is intended for no-invasive measuring and monitoring of arterial blood pressure. It is not intended for use on extremities other than the arm, or for any purpose other than obtaining a blood pressure measurement.
- This device is for adults. Do not use this device on neonates or infants. Do not use it on children unless otherwise instructed by a medical professional.
- Do not use on the women in pregnant, including pre-eclamptic, patients.
- The device is not suitable for use on patients with implanted, electrical devices, such as cardiac pacemakers, defibrillators.
- The effectiveness of this device has not been established for use:
 - on users with common arrhythmias such as atrial or ventricular premature beats or atrial fibrillation,
 - on users with peripheral arterial disease,
 - on users undergoing intravascular therapy, or with arteriovenous (AV) shunt.
 Consult a medical professional before use.
- Do not use this device for diagnosis or treatment of any health problem or disease. Contact your physician if you have or suspect any medical problem. Do not change your medications without the advice of your physician or health care professional.
- If you are taking medication, consult your physician to determine the proper time to measure your blood pressure.
- This device may be used only for the intended use described in this manual, the manufacturer shall have no liability for any incidental, consequential, or special damages caused by misuse or abuse.
- Report any unexpected operation or events to the manufacturer.
- Do not apply the cuff on an arm that has an intravenous drip or a blood transfusion attached.
- Warning: Do not kink, fold, stretch, compress, or otherwise deform the tube during measuring, as the cuff pressure might continuously increase, which could prevent blood flow and result injury.
- Warning: Taking blood pressure measurements too frequently could disrupt blood circulation and cause injuries.
- Warning: Do not apply cuff to areas on patient where skin is delicate or damaged. Check cuff site frequently for irritation.
- Warning: Do not place the cuff on the arm of a person whose arteries or veins are undergoing medical treatment, i.e. intra-vascular access or intra-vascular therapy or an arteriovenous (A-V) shunt, which could disrupt blood circulation and cause injuries.
- Do not place the cuff on the arm on the same side of a mastectomy (especially when lymph nodes have been removed). It is recommended to take measurements on the unaffected side.
- Do not wrap the cuff on the same arm to which another monitoring device is applied. One or both devices could temporarily stop functioning if you try to use them at the same time.
- Please check that the operation of the device do not result in prolonged impairment of patient blood circulation.
- Warning: On the rare occasion of a fault causing the cuff to remain fully inflated during measurement, loosen and remove the cuff immediately. Prolonged high pressure applied to the arm (cuff pressure >300 mmHg or constant pressure >15 mmHg for more than 3 minutes) might lead to bruising and discolored skin.
- Warning: Do not use this device with high-frequency (HF) surgical equipment at the same time.

CAUTION

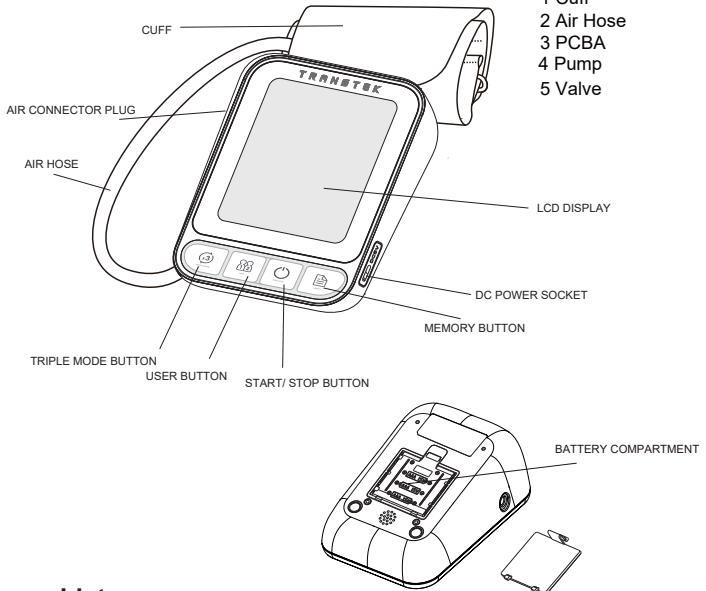
- Warning: This device is not AP/APG equipment. Do not use the device where flammable anesthetic are present, or in environments mixture with air or with oxygen or nitrous oxide.
- The device contains sensitive electronic components. To avoid measurement errors, avoid taking blood pressure measurements near a strong electromagnetic field radiated interference signal or electrical fast transient/burst signal.
- Wireless communication equipment, such as wireless home network devices, mobile phones, cordless telephones and their base stations, walkie-talkies may cause interference that may affect the accuracy of measurements. A minimum distance of 1 foot (30 cm) should be kept from such devices during a measurement.
- You can use this device to take your own measurement, no third-party operator is required.
- Please use the device under the environment which is provided in the user manual. Otherwise, the performance and lifetime of the device will be impacted and reduced.
- The device may require up to 30 minutes to warm up / cool down from the minimum / maximum storage temperature before it is ready for use.
- Warning: Excessive cuff tube lengths could cause strangulation if you don't manage them properly.
- Warning: Do not touch output of the batteries/adapter and the user simultaneously.
- Adapter is specified as a part of ME EQUIPMENT.
- Warning: The power cord is considered the disconnect device for isolating this equipment from supply mains. Do not position the equipment so that it is difficult to reach or disconnect.
- The blood pressure monitor, its adapter, and the cuff are suitable for use within the patient environment.
- Warning: Do not use this device if you are allergic to polyester, nylon, or plastic.
- Warning: Only use accessories approved by manufacturer. Using unapproved accessories might cause damage to the unit and injure users.
- Warning: If you experience discomfort during a measurement, such as pain in the arm or other complaints, press the Power button immediately to release the air from the cuff.
- No calibration is required within two years of reliable service.
- Do not attempt to repair the unit yourself if it malfunctions. Only have repairs carried out by authorized service centers.
- At the request of authorized service personnel, circuit diagrams, component part lists, descriptions, and calibration procedures will be made available by the manufacturer or distributor.
- It is recommended that the performance should be checked after repair, maintenance, and every two years of use, by retesting the requirements in limits of the error of the cuff pressure indication and air leakage (testing at least at 50 mmHg and 200 mmHg).
- Warning: Do not use the device while under maintenance, or being serviced.
- Store your device, cuff and adapter in a clean and dry place, protect it against extreme moisture, heat, lint, dust and direct sunlight. Never place any heavy objects on it.
- Make sure the rubber tube of the cuff is not squeezed, stretched, or kinked during storage.
- Warning: Keep the device, cuff, and batteries away from children as they may pose a risk of choking or strangulation if used improperly.
- Clean both device and cuff with a soft, dry cloth. If necessary use a dampened cloth and natural detergent. Do not use alcohol, benzene, or other harsh chemicals.
- Do not wash the cuff in a washing machine or dishwasher!
- The service life of the cuff may vary by the frequency of washing, skin condition, and storage state. The typical service life is 10000 times.
- Dispose of accessories, detachable parts, and the device according to the local guidelines.

♥ LCD display signal



SYMBOL	DESCRIPTION	EXPLANATION
188	Systolic blood pressure	High pressure result
88	Diastolic blood pressure	Low pressure result
188	Pulse display	Pulse in beats per minute
188	Blood pressure level	Indicate blood pressure level
188	User ID	User 1/2/G
188/108 12:00 PM	Current Time	Time(year:month:day:hour:minute)
188	Heartbeat	Heartbeat detection during measurement
188	Hand shaking	Hand shaking makes results inaccurate
188	Battery Indicator	Indicate the current battery
188	Irregular heartbeat	Irregular heartbeat
188	Data transmitting	Data is transmitting
188	Memory Query	Indicate it is in the memory mode and which group of memory it is.
188	Cuff wearing	The cuff is secured
188	Bluetooth icon	Indicate the bluetooth is working
188	Voice Broadcast	The function of Voice Broadcast is off.
188	Triple Mode	Continuous measurement for three times and then display the average of three times measurement result.

♥ Monitor Components



♥ List

1.Blood Pressure Monitor
(TMB-2266)



3. 4×AAA batteries



2.Cuff (Type BF applied part)
(22cm~32cm or 22cm~42cm
or 22cm~45cm)



4.User manual

pressure measuring system
Component list of
1 Cuff
2 Air Hose
3 PCBA
4 Pump
5 Valve

♥ The Choice of Power Supply

1. Battery powered mode:

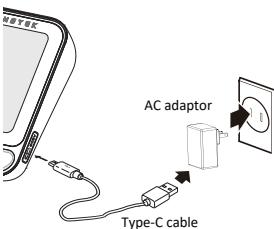
6VDC 4×AAA batteries

2. AC adaptor powered mode:

5V == 1A

(Please only use the recommended AC adaptor model).

Please unplug the adaptor to depart from the using utility power.

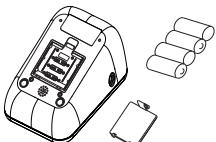


⚠ CAUTION

In order to get the best effect and protect your monitor, please use the right batteries and special power adaptor which complies with local safety standard.

♥ Installing and Replacing the Batteries

- Open the battery cover.
- Install the batteries by matching the correct polarity, as shown.
- Replace the battery cover.



Replace the batteries whenever the below happen

- The bAt Lo + shows
- The display is dim.
- The display does not light up

⚠ CAUTION

- Do not use new and used batteries together.
- Do not use different types of batteries together.
- Do not dispose the batteries in fire. Batteries may explode or leak.
- Remove batteries if the device is not likely to be used for some time.
- Worn batteries are harmful to the environment. Do not dispose with daily garbage.
- Remove the old batteries from the device following your local recycling guidelines.

♥ Setting Date, Time and Voice

It is important to set the clock before using your blood pressure monitor, so that a time stamp can be assigned to each record that is stored in the memory. (The setting range of the year :2022—2052 time format: 12H/24H)

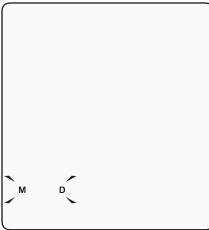
1. When the monitor is off, press and hold the “USER” button, it will display the bluetooth symbol first, then press the “START/STOP” button to enter the [year] setting, press the “USER” or “MEMORY” button to change the year.

Press and hold the “USER” button to quickly advance the years.

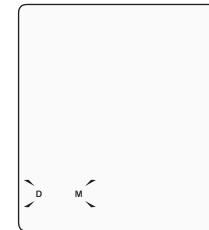
Press and hold the “MEMORY” button to quickly go backwards through the years.



2. Press the “START/STOP” button to confirm the year, then the [date format] will flash. Press the “USER” or “MEMORY” button to switch the date format between [month/day] and [day/month].

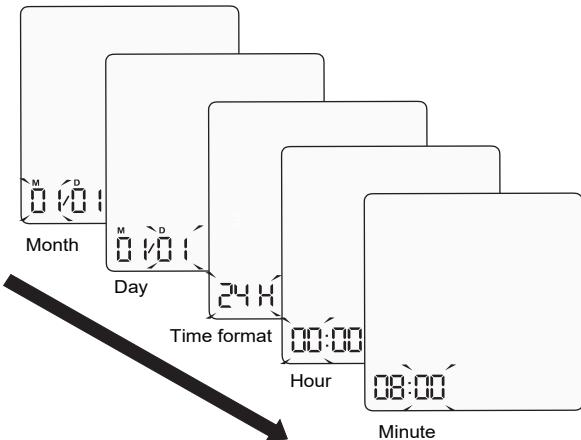


[month/day] format



[day/month] format

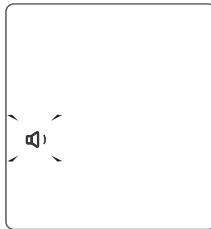
3. Press the “START/STOP” button to confirm the date format, then the month will flash. Repeat the same steps to change the month, day, time format, hour and minute.



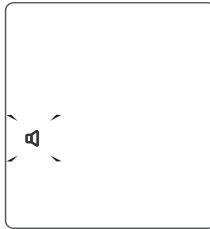
4. After the minute is set, it will enter the voice setting. It will speak “Voice on” or “Voice off”, press the “USER” or “MEMORY” button to change the Voice volume.

Each press “USER” button will increase the voice volume by one in a cycling manner (voice volume 2 - OFF - 1 - 2 ...).

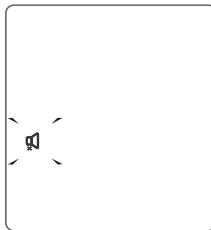
Each press “MEMORY” button will decrease the volume by one in a cycling manner (voice volume 2 -1 - OFF - 2 ...).



Voice volume 2,
broadcast “Voice on”



Voice volume 1
broadcast “Voice on”



Voice off

5. Press the “START/STOP” button to confirm the voice setting. The LCD will display “do nE” and then turn off after several seconds.



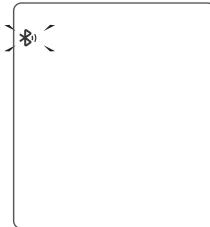
♥ Pair a smart device with the monitor

You are the intended operator of this blood pressure monitor. You can measure your blood pressure and then save and send measurement data to a smart device (such as smartphone or tablet) with Bluetooth wireless connectivity and application.

1. Turn on the Bluetooth and the app on your smart device.

Make sure both are ON when pair-up is proceeding.

2. When the monitor is off, press and hold the “START/STOP” button to start pair-up, the bluetooth symbol will flash.



3. If successful, the bluetooth symbol will not flash any more and the monitor will automatically shut off after several seconds.

Note

The date and time on your monitor will automatically be set after paired with your smart device successfully.

If unsuccessful within 60 seconds, it is judged timeout and the monitor will shut off.

RF Frequency Range: 2402 MHz to 2480 MHz
Output Power Range: -1.57dBm
Supply Voltage: 1.8-3.6 V
Transmitting Distance: 10 meters

List of compatible devices:

For iOS devices:

The operating system must be iOS 13.0 or more.

For Android devices:

The operating system must be Android 5.0 or more.

⚠ CAUTION

- Interference may occur in the vicinity of equipment marked with the following symbol  . And TMB-2266 may interfering vicinity electrical equipment.
- Sensitive people, including pregnant women pre-eclamptic and those who implanted medical electronic instruments, should avoid using the unit whenever possible.
- Keep the monitor at least 20 centimeters away from the human body (especially the head) when the data transmission is proceeding after measurement.
- To enable the data transmission function, this product should be paired to Bluetooth end at 2.4 GHz.

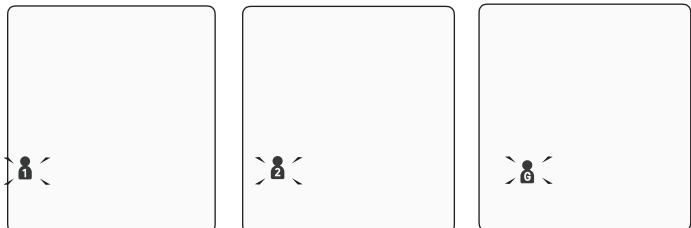
How to mitigate possible interference?

1. The range between the device and BT end should be reasonably close, from 1 meter to 10 meters. Please ensure no obstacles between the device and BT end so as to obtain quality connection and to lower the RF output range.
2. To avoid interference, other electronic devices (particularly those with wireless transmission / Transmitter) should be kept at least 1 meter away from the monitor.

♥ Setting a user ID

There are 3 user ID  available. The user  and 

1. When the monitor is off, press the “USER” button to display the current user ID and flash. Press the “USER” button to switch the user ID between the user ,  and .



2. Press the “START/STOP” button to confirm the selected user ID, the User ID will not flash any more and the monitor will enter the measurement automatically.

♥ Applying the cuff

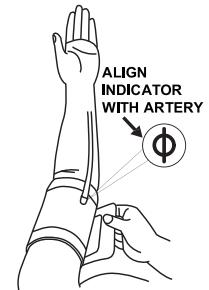
1. Remove all jewelry, such as watches and bracelets from your left arm.

Note: If your doctor has diagnosed you with poor circulation in your left arm, use your right arm.

2. Roll or push up your sleeve to expose the skin. Make sure your sleeve is not too tight.

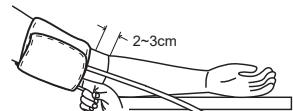
3. Hold your arm with your palm facing up and tie the cuff on your upper arm, align the Artery indicator  with the main Artery (on the inside of your arm).

Note: Locate the main Artery by pressing with 2 fingers approximately 2 cm above the bend of your elbow on the inside of your left arm. Identify where the pulse can be felt the strongest, that is your main Artery!



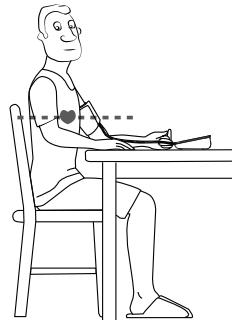
4. Make sure the bottom edge of the arm cuff 2 to 3 cm above the inside elbow. Then wrap the cuff securely.

Note: The cuff should be snug but not too tight. You should be able to insert one finger between the cuff and your arm.



5. Sit upright in a comfortable chair with your back against the backrest of the chair. Keep your feet flat and your legs uncrossed.

Place your arm resting comfortably on a flat table. The cuff worn on your arm should be placed at the same level as your right atrium of the heart.



6. Take 5-6 deep breaths and let's start measuring!

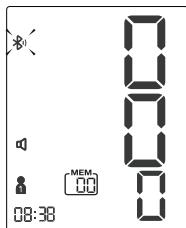
Helpful tips:

- Take the measurement in a silent room.
- Rest for 5 minutes before a measurement.
- Wait at least 3 minutes before another measurement. This allows your blood circulation to recover.
- Be relax and do not move and talk during the measurement procedure.
- 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 physician.

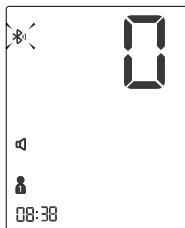
♥ Start the Measurement

A. Single measurement

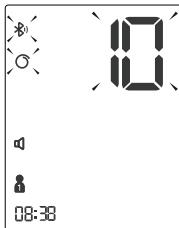
1. When the monitor is OFF, press the "START/STOP" button, it will finish the whole measurement automatically, save and transmit the measurement data for the selected user. (Take User 1 with voice on for example.)



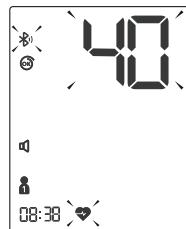
Display the latest measurement record.



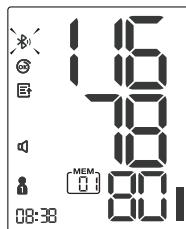
Adjust the zero. It will read "starting measurement, please remain still and quiet"



Cuff wrap detection. symbol "○" flash



Cuff wrap ok.
Inflating and measuring.

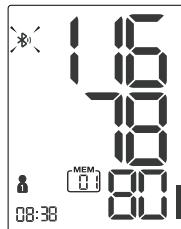


Display, save and read the measurement result "your blood pressure is 116 over 78, pulse is 80"

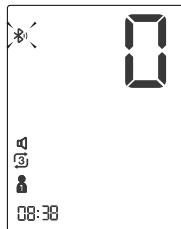
B. Triple mode measurement

1. When the monitor is OFF, press the "TRIPLE MODE" button, it will finish the whole measurement automatically, save and transmit the measurement data for the selected user. (Take User 1 with voice on for example.)

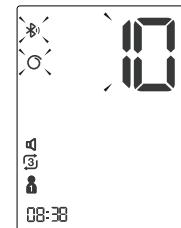
After the first and second measurements are completed, there will be no results. After all three measurement is completed, the average results of the three measurements will be displayed.



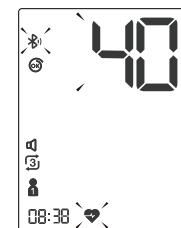
Display the latest measurement record.



Adjust the zero. It will read "starting measurement, please remain still and quiet"



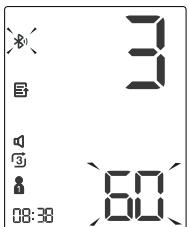
Cuff wrap detection. symbol "○" flash



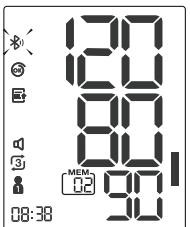
Cuff wrap ok.
Inflating and measuring.



The second measurement
(60 seconds
countdown display)



The third measurement
(60 seconds
countdown display)

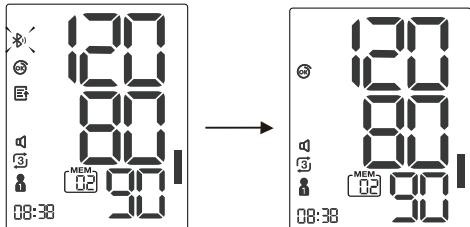


Display, save and read the
measurement result "your
blood pressure is 120 over
80, pulse is 90"

2. After the measurement was finished, the bluetooth symbol “” blinks and data transmission starts. (Please connect the app during the transmission)

If data transmission successful, the symbol “” will not blink and “” will disappear, after several seconds, “” will also disappear, and then the monitor will turn off automatically after about 1 minute.

If unsuccessful within 60 seconds, it is judged timeout and the monitor will shut off.



Transmission successful.

3. Press “START/ STOP” button to turn off, otherwise it will turn off automatically.

Note

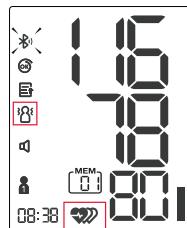
1. Any time if you want to stop the measurement, you can press the “START/ STOP” button manually.
2. When the selected user has history memory record, the monitor will display its last measurement record first before starting measurement.

4. About the irregular heartbeat and excessive body motion during the measurement.

- During a measurement, If an irregular heartbeat is detected, the symbol  will display in the measurement result. See page 26 for more information.
- During a measurement, when the excessive body motion, especially of the arm the cuff is worn is detected, the symbol  will flash about 5 seconds and detect again. If it is no longer detected, the symbol will disappear; If still detected, the symbol  will final display in the measurement result.

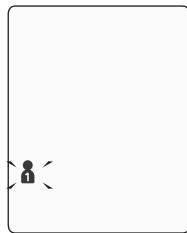
Note

The measured blood pressure reading may not be accurate if this symbol is displayed.

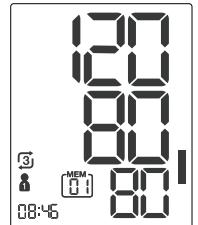


♥ Recall the Records

1. When the monitor is off, press the “MEMORY” button, the user ID will blink, you can press the “USER” or “MEMORY” button to switch the user ID between user 1 and 2.



2. Press the “START/STOP” button to confirm the selected user ID. Then the LCD will display the latest record. (Example shown below for User 1)



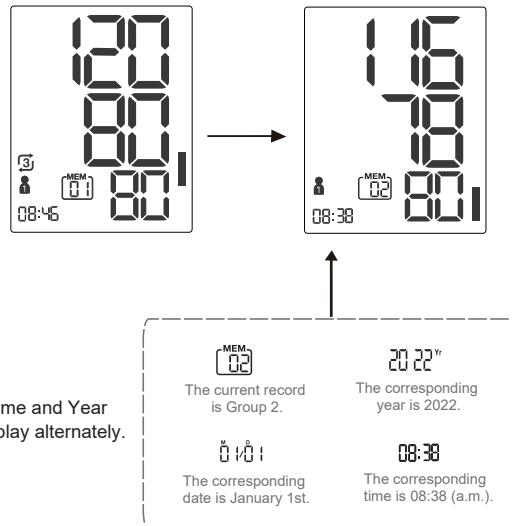
Latest memory record 01

When the voice is on, it will read the memory value for you at the same time. (Take the right memory record 01 for example, it will speak “memory 1, your blood pressure is 120 over 80, pulse is 80”)

Note

- The most recent record (1) is shown first. Each new measurement is assigned to the first (1) record. All other records are pushed back one digit (e.g., 2 becomes 3, and so on), and the last record (199) is dropped from the list.

3. Press the USER or MEM button to display the next record.



♥ Delete the Records

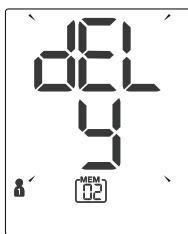
If you did not get the correct measurement, you can delete results by following steps below.

A: To delete a single measurement:

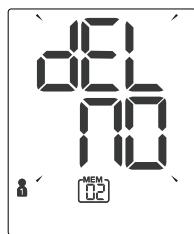
1. Enter the memory recall mode as described in section [Recall the Records]. Press the “USER” or “MEMORY” button to get the measurement you would like to erase.
2. Press and hold “MEMORY” button for about 5 seconds, and the display will show a blinking “dEL y”.
3. Use the “USER” or “MEMORY” button to switch between “dEL y” and “dEL no”, Press “START/STOP” to confirm the selection.

If “dEL y” is selected, the unit will delete the record, after then it will return to last memory record and all the records are pushed forward one digit (e.g., 03 becomes 02, and so on)

If “dEL no” is selected, it will stop the deletion.



“dEL y” blinks



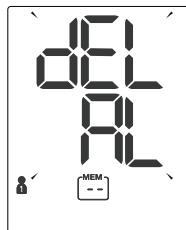
“dEL no” blinks

B: To delete all measurements:

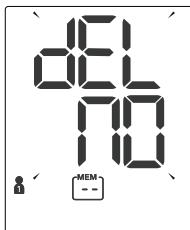
1. Enter the memory recall mode as described in section [Recall the Records].
2. Press and hold “USER” and “MEMORY” button for 5 seconds, and the display will show a blinking “dEL AL” along with the user ID.
3. Use the “USER” or “MEMORY” button to switch between “dEL AL” and “dEL no”, Press “START/STOP” to confirm the selection.

If “dEL AL” is selected, the unit will display “dEL do nE” + User ID, and delete all the record of the current user. Several seconds later, it will display “---”.

If “dEL no” is selected, it will stop the deletion.



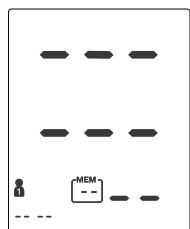
“dEL AL” blinks



“dEL no” blinks



Deletion is done



No record

♥ Tips for Measurement

Measurements may be inaccurate if taken in the following circumstances.



Within 1 hour
after dinner or drinking



Immediate measurement
after tea, coffee, smoking



Within 20 minutes
after taking a bath



When talking or moving your fingers



In a very cold environment



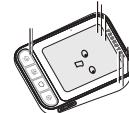
When you want to discharge urine

♥ Maintenance

In order to get the best performance, please follow the instructions below.



Put in a dry place and
avoid the sunshine



Avoid intense shaking
and collisions



Using wet cloths to
remove dirt



Avoid touching water,
clean it with a dry cloth in case.



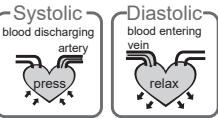
Avoid dusty and unstable
temperature environment



Do not attempt to clean the reusable
cuff with water and never immerse
the cuff in water.

♥ What are systolic pressure and diastolic pressure?

When ventricles contract and pump blood out of the heart, the blood pressure reaches its maximum value in the cycle, which is called systolic pressure. When the ventricles relax, the blood pressure reaches its minimum value in the cycle, which is called diastolic pressure.

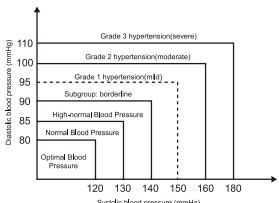


♥ What is the standard blood pressure classification?

The blood pressure classification published by World Health Organization (WHO) and International Society of Hypertension (ISH) in 1999 is as follows:

⚠ CAUTION

Only a physician can tell your normal BP range. Please contact a physician if your measuring result falls out of the range. Please note that only a physician can tell whether your blood pressure value has reached a dangerous point.



Level Blood Pressure (mm Hg)	Optimal	Normal	High-normal	Mild	Moderate	Severe
SYS	<120	120-129	130-139	140-159	160-179	≥180
DIA	<80	80-84	85-89	90-99	100-109	≥110

♥ Irregular Heartbeat Detector

An irregular heartbeat is detected when a heartbeat rhythm varies while the unit is measuring the systolic and diastolic blood pressure. During each measurement, the monitor records all the pulse intervals and calculate the average : if there are two or more pulse intervals ,the difference between each interval and the average is more than the average value of $\pm 25\%$, or there are four or more pulse intervals ,the difference between each interval and the average is more than the average value of $\pm 15\%$, the irregular heartbeat symbol appears on the display when the measurement results are appeared.

⚠ CAUTION

The appearance of the IHB icon indicates that a pulse irregularity consistent with an irregular heart-beat was detected during measurement. Usually this is NOT a cause for concern. However, if the symbol appears often, we recommend you seek medical advice. Please note that the device does not replace a cardiac examination, but serves to detect pulse irregularities at an early stage.

♥ Why does my blood pressure fluctuate throughout the day?

1. Individual blood pressure varies multiple times everyday. It is also affected by the way you tie your cuff and your measurement position, so please take the measurement under the same conditions.
2. If the person takes medicine, the pressure will vary more.
3. Wait at least 3 minutes for another measurement.

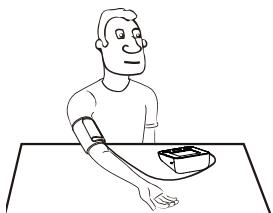


What you need to pay attention to when you measure your blood pressure at home:

If the cuff is tied properly.
 If the cuff is too tight or too loose.
 If the cuff is tied on the upper arm.
 If you feel anxious.
 Taking 2-3 deep breaths before beginning will be better for measuring.
 Advice: Relax for 4-5 minutes until you calm down.

♥ Is the result the same if measuring on the right arm?

It is ok for both arms, but there will be some different results for different people. We suggest you measure the same arm every time.



If any abnormality arises during use, please check the following points:

PROBLEM	SYMPTOM	CHECK THIS	REMEDY
No power	Display can not light up.	Batteries are depleted.	Replace with new batteries.
		Batteries are inserted incorrectly.	Insert the batteries correctly.
		Adapter is inserted incorrectly.	Insert the AC adapter correctly.
High Battery	bAt H shows	The battery is too high.	Replace with the correct DC plug.
Low Battery	bAt Lo &  shows	The battery is too low.	Replace with new batteries.
Error message	E 1 shows	The cuff is not wrapped or wrapped incorrectly, or the cuff air plug is loose.	Refasten the cuff and insert air tube plug correctly then measure again.
	E 2 or  shows	Excessive body motion (such as shaking of the arm with the cuff on) or weak Pulse is detected.	Relax for 5 minutes. and then keep still, measure again.
	E 3 shows	Pulse is not detected during measuring.	Loosen the clothing on the arm and measure again.
	E 4 shows	The measurement failed.	Relax for 5 minutes and measure again.
	EExx shows	A calibration error occurred (XX can be some digital symbol, such as 01, 02,etc., if this similar situation appear, all belong to calibration error.)	Retake the measurement.If the problem persists, contact the retailer or our customer service department for further assistance. Refer to the warranty for contact information and return instructions.
Warning message	out shows	Out of measurement range	Relax for a moment and then measure again. If the problem persists, contact your physician.

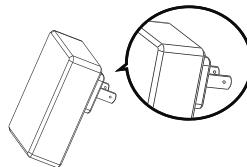
NOTE: If the product still does not work, contact Customer Service. Under no circumstance should you disassemble or attempt to repair the unit by yourself.

Power supply	Battery powered mode: 6VDC 4×AAA batteries AC adaptor powered mode: 5V == 1A (Please only use the recommended AC adaptor model).
Display mode	Digital LCD V.A.71mm × 82mm
Measurement mode	Oscillographic testing mode
Measurement range	Rated cuff pressure: 0mmHg~299mmHg Measurement pressure: SYS: 60mmHg~230mmHg DIA: 40mmHg~130mmHg Pulse value: (40-199)beat/minute
Accuracy	Pressure: 5°C~40°C within±3mmHg Pulse value:±5%
Normal working condition	A temperature range of :+5°C to +40°C A relative humidity range of 15% to 90%, non-condensing An atmospheric pressure range of : 700 hPa to 1060 hPa
Storage & transportation condition	Temperature:-20°C to +60°C A relative humidity range of ≤ 93%, non-condensing
Measurement perimeter of the upper arm	About 22 cm ~ 32 cm, 22cm ~ 42cm, 22cm ~ 45cm
Weight	Approx.278g (Excluding the batteries and cuff)
External dimensions	Approx.100mmx138mmx51mm
Attachment	4×AAA batteries, user manual, Type-C cable
Mode of operation	Continuous operation
Degree of protection	Type BF applied part
Protection against ingress of water	IP21 It means the device could protected against solid foreign objects of 12.5mm and greater, and protect against vertically falling water drops.
Device Classification	Battery Powered Mode: Internally Powered ME Equipment AC Adaptor Powered Mode: Class II ME Equipment
Software Version	A01

WARNING: No modification of this equipment is allowed.

♥ Authorized Component

1. please use the TRANSTEK authorized adapter.



Adapter

Type: BLJ06L060100P-U
 Input: 100-240V, 50-60Hz, 0.2A max
 Output: 5V --- 1000 mA

♥ Contact Information

For more information about our products, please visit
www.transtekcorp.com.

Manufactured by: Guangdong Transtek Medical Electronics Co., Ltd.
Company: Guangdong Transtek Medical Electronics Co., Ltd.
Address: Zone A, No.105, Dongli Road, Torch Development District,
 528437 Zhongshan, Guangdong, China

♥ EMC Guidance

The ME EQUIPMENT or ME SYSTEM is suitable for home healthcare environments.

Warning: Don't be near the active HF surgical equipment and the RF shielded room of an ME system for magnetic resonance imaging, where the intensity of EM disturbances is high.

Warning: 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.

Warning: Use of accessories, transducers and cables 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.

Warning: 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 equipment TMB-2266 including cables specified by the manufacturer. Otherwise, degradation of the performance of this equipment could result.

Technical description:

1. All necessary instructions for maintaining BASIC SAFETY and ESSENTIAL PERFORMANCE with regard to electromagnetic disturbances for the expected service life.
2. Guidance and manufacturer's declaration-electromagnetic emissions and Immunity.

Table 1

Guidance and manufacturer's declaration - electromagnetic emissions	
Emissions test	Compliance
RF emissions CISPR 11	Group 1
RF emissions CISPR 11	Class [B]
Harmonic emissions IEC 61000-3-2	Class A
Voltage fluctuations / flicker emissions IEC 61000-3-3	Comply

Table 2

Guidance and manufacturer's declaration – electromagnetic immunity		
Immunity Test	IEC 60601-1-2 Test level	Compliance level
Electrostatic discharge (ESD) IEC 61000-4-2	±8 kV contact ±2 kV, ±4 kV, ±8 kV, ±15 kV air	±8 kV contact ±2 kV, ±4 kV, ±8 kV, ±15 kV air
Electrical fast transient/burst IEC 61000-4-4	±2 kV for power supply lines ±1 kV signal input/output 100 kHz repetition frequency	±2 kV for power supply lines Not applicable 100 kHz repetition frequency
Surge IEC61000-4-5	±0.5 kV, ±1 kV differential mode ±0.5 kV, ±1 kV, ±2 kV common mode	±0.5 kV, ±1 kV differential mode
Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	0% Ur; 0,5 cycle. At 0°, 45°, 90°, 135°, 180°, 225°, 270° and 315°. 0% Ur; 1 cycle and 70% Ur; 25/30 cycles; Single phase: at 0°. 0% Ur; 250 / 300 cycle	0% Ur; 0,5 cycle. At 0°, 45°, 90°, 135°, 180°, 225°, 270° and 315°. 0% Ur; 1 cycle and 70% Ur; 25/30 cycles; Single phase: at 0°. 0% Ur; 250 / 300 cycle
Power frequency magnetic field IEC 61000-4-8	30 A/m 50 Hz / 60 Hz	30 A/m 50 Hz / 60 Hz
Conducted RF IEC61000-4-6	3 V 0,15 MHz – 80 MHz 6 V in ISM and amateur radio bands between 0,15 MHz and 80 MHz 80% AM at 1 kHz	3 V 0,15 MHz – 80 MHz 6 V in ISM and amateur radio bands between 0,15 MHz and 80 MHz 80% AM at 1 kHz
Radiated RF IEC61000-4-3	10 V/m 80 MHz – 2,7 GHz 80% AM at 1 kHz	10 V/m 80 MHz – 2,7 GHz 80% AM at 1 kHz

NOTE U_T is the a.c. mains voltage prior to application of the test level.

Table 3

Guidance and manufacturer's declaration - electromagnetic immunity								
Radiated RF IEC61000-4-3 (Test specifications for ENCLOSURE PORT IMMUNITY to RF wireless communications equipment)	Test Frequency (MHz)	Band (MHz)	Service	Modulation	Maximum Power (W)	Distance (m)	IEC 60601-1-2 Test Level (V/m)	Compliance level (V/m)
385	380-390	TETRA 400	Pulse modulation 18 Hz	1.8	0.3	27	27	
450	430-470	GMRS 460, FRS 460	FM ± 5k Hz deviation 1 kHz sine	2	0.3	28	28	
710	704-787	LTE Band 13, 17	Pulse modulation 217 Hz	0.2	0.3	9	9	
745								
780								
810	800-960	GSM 800/900, TETRA 800, iDEN 820, CDMA 850, LTE Band 5	Pulse modulation 18 Hz	2	0.3	28	28	
870								
930								
1720	1700- 1990	GSM 1800; CDMA 1900; GSM 1900; DECT; LTE Band 1, 3, 4,25; UMTS	Pulse modulation 217 Hz	2	0.3	28	28	
1845								
1970								
2450	2400- 2570	Bluetooth, WLAN, 802.11 b/g/n, RFID 2450, LTE Band 7	Pulse modulation 217 Hz	2	0.3	28	28	
5240	5100- 5800	WLAN 802.11 a/n	Pulse modulation 217 Hz	0.2	0.3	9	9	
5500								
5785								

♥ FCC Statement

FCC ID: OU9-TMB-2266

FCC Regulatory Compliance

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

RF Exposure Compliance

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.