SENCOR® SBP 6800WH

EN ▪ Digital blood pressure monitor

Translation of the original manual

Revision 05/2020

Digital blood pressure monitor

Important safety instructions

READ CAREFULLY AND STORE FOR FUTURE USE.

- Prior to using this device, please read the user's manual thoroughly, even in cases, when one has already familiarised themselves with previous use of similar types of devices. Use the device only as described in this manual. Keep this user's manual for future use.

Caution!
Not following the instructions contained in this user's manual may lead to faulty operation of the device or its damage.

- This device is intended only for adults in a domestic environment.
- This device is not suitable for use by infants, pregnant women, patients with implanted electronic devices, patients with pre-eclampsia, patients with heart arrhythmia, atrial fibrillation, peripheral artery disease, and furthermore by patients that are undergoing intravascular treatment or have an arteriovenous switch or patients after a mastectomy Always consult the use of the device before using it with your medical doctor if you suffer from any of the aforementioned illnesses or their symptoms.
- The device is not suitable for measuring blood pressure of children. Please consult with your medical doctor prior to using it on older children.
- The device is not intended to be used on patients under transport outside of medical facilities.
- The device is not intended for commercial use.
- The device is intended for non-invasive blood pressure measurement or monitoring. It is not intended for use on limbs other than arms and for other functions than the measurement of blood pressure.
- Do not confuse self-monitoring with self-diagnosis. This device enables one

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to monitor their blood pressure. Do not commence or conclude treatment prescribed by a medical doctor without prior consultation.

- When regularly taking medication, contact your medical doctor to determine the most suitable time for measuring blood pressure. Never change the prescribed treatment and medication schedule without prior consultation with your medical doctor.
- Do not implement any therapeutic measures on the basis of self-measurement. Never adjust the dosage of the medications prescribed by your medical doctor. Consult with your medical doctor in the event of any questions regarding your blood pressure.
- In the event that the device is used on patients suffering from heart arrhythmia, whether arterial or ventricular arrhythmia, or arterial fibrillation, the best result may be recorded with a deviation. Contact your medical doctor with the results.
- Do not bend the connecting tube while using the device, otherwise the pressure in the cuff may continue to increase, which may cause blood to stop flowing in the upper arm and may thus result in serious injury to the patient.
- During use, pay special attention in the following circumstances, during which the circulation of blood in the upper arm of the patient may be interrupted, which may result in serious injuries: overly frequent bending of the connecting hose or several consecutive measurements; positioning of the cuff and its attachment in the location where there is an intravascular input or bandage, or arteriovenous switch present or in the event that the cuff is inflated on the side of the mastectomy location.
- Do not attach the cuff in a location where there is a sign of injury. Otherwise, this poses a risk of serious injury.
- Do not inflate the cuff on an upper arm where another medical monitoring device is already applied, since this could result in a temporary loss of function of all continuous measuring devices.
- Very rarely a situation may arise, where the cuff will inflate after the completion of measurement. In the case of such an event, immediately release the cuff. Pressure acting on the upper arm for too long may cause bruising (pressure in the cuff > 300 mmHg or continuous pressure > 15 mmHg for longer than 3 minutes).

- Check that the operation of the device has not resulted in worsened blood circulation in the body.
- During measurement, avoid compression or bending of the connecting hose.
- This device cannot be used simultaneously with high-frequency surgical equipment.
- Accompanying documentation should demonstrate the the blood pressure meter has been clinically tested in accordance with the directive ISO 81060-2:2013.
- To verify the calibration of the automatic blood pressure meter, please contact the manufacturer.
- This device is not suitable for measurement of blood pressure of pregnant women or of women that could be pregnant. Apart from providing inaccurate results, there are no know effects on the foetus.
- Excessively frequent or continuous measurement may cause blood circulation disorders or injuries.
- This device is not suitable for continuous monitoring of blood pressure during emergency assistance or during an operation. Otherwise there is a risk of loss of feeling in the upper arm of the patient, the upper arm may become swollen or may even turn blue due to a lack of blood.
- When not using the appliance, store it in a dry well-ventilated place. Protect the device against excessive humidity, heat, fibres, dust or direct sunlight. Do not place any heavy items on the device.
- This device may only be used for the purposes described in this user's manual. The manufacturer bears no responsibility for damages caused by its incorrect use.
- This device contains fragile parts and it is necessary to handle it with care. Adhere to the instructions for storage and operating conditions as described in this user's manual.
- This device is not an AP-APG category device and is not suitable for use in the vicinity of flammable mixture of anaesthetics and air or flammable mixtures of anaesthetics and oxygen or nitrogen oxide.

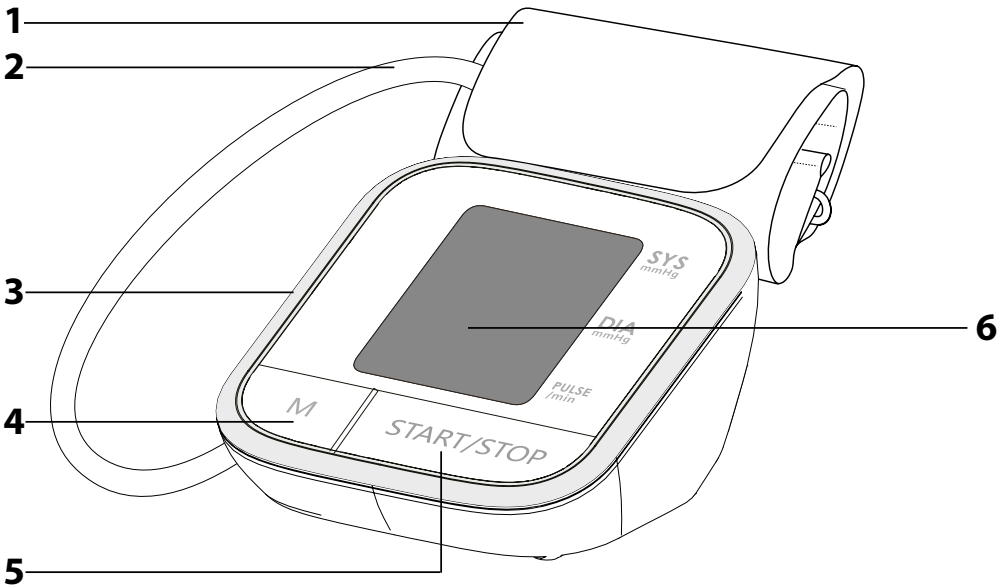
Warning: Do not perform any repairs / maintenance while this appliance is in operation.

- The patient is also a user of the device.
- The patient may compare values and change batteries under normal conditions, and may carry out maintenance of the device and its accessories only according to the instructions in this user's manual.
- To prevent erroneous measurements, do not expose the device to strong electromagnetic fields that emit an interference signal or to a fast electric transition / burst signal.
- This device and cuff is suitable for use in the domestic conditions of the patient. The patient should not use the device if they suffer from an allergy to polyester, nylon or plastic.
- The cuff is in contact with the patient's skin during use. The materials from which the cuff is made were tested and meet the directives ISO 10993-5:2009 and ISO 10993-10:2010. The cuff should not cause any potential irritation or undesirable reaction.
- If not feeling well during measurement, for example you feel pain in your upper arm or another pain, press the START/STOP button to immediately release the air in the cuff. Release the cuff and remove it from the arm.
- As soon as the pressure in the cuff reaches 40 kPa (300 mmHg), the air will be automatically released. In the event that air is not automatically released when a pressure of 40 kPa (300 mmHg) is reached, release the cuff, remove it from your arm and press the START/STOP button to stop air from being fed into the cuff.
- Before use, check that the device works safely and is not damaged. Inspect the device. Do not use the device if it exhibits any signs of damage. In the event that the device is used when damaged, this could cause serious injuries, inaccurate measurement or a serious hazard.
- Do not wash the cuff in a washing machine or dishwasher!
- The lifetime of the cuff depends on the number of times it has been washed, condition of the skin and storage conditions. Standard lifetime is approx. 10,000 fittings.

- It is recommended to have the operation of the device checked every 2 years and after maintenance or repair, by means of repeated testing of the minimum specifications within the range of error indications of pressure in the cuff and within the scope of escaping air (testing at least at 50 mmHg and 200 mmHg).
- Please dispose of the ACCESSORIES, removable parts and HEALTHCARE ELECTRICAL EQUIPMENT according to local codes.
- The manufacturer shall upon request provide the connection diagram, list of components, descriptions, calibration instructions, etc. to make potential repairs simpler for an authorised service.
- The operator of the device must not simultaneously touch the battery outputs and the patient.
- Cleaning: A dusty environment may affect the performance of the device. Use a soft wiping cloth to clean the entire device before and after use. Do not use any coarse or volatile cleaning agents.
- The device does not require calibration within the scope of two years of reliable operation.
- If you have any problem with the device, e.g. settings, maintenance or use, please contact an AUTHORISED SERVICE CENTRE. Do not remove the cover or repair the device yourself in the event that it does not work. The device must be serviced, repaired or the cover removed only by a qualified person at the authorised service centre.
- Please contact an authorised service centre in the event of unexpected operation or function.
- Keep the device out of reach of infants, small children and animals to prevent potential inhalation or swallowing of small parts. There is a risk of a serious to fatal situation arising.
- Be careful to prevent chocking since the hose is excessively long.
- If the electrical healthcare equipment is stored in a very cold room, then it is necessary to wait at least 30 minutes for it to heat up before using it. Conversely, if the electrical healthcare equipment is stored in a very hot room, then it is necessary to wait at least 30 minutes for it to cool down before using it.

- This device must be installed and serviced in accordance with the information provided in the included documentation.
- Wireless communications equipment such as wireless home network equipment, mobile telephones, wireless telephones and their charging bases, transmitters, may affect this device and should be stored at a sufficient distance from this device. The distance is specified by the MANUFACTURER from 80 MHz up to 5.8 GHz, table column no. 4 and table no. 9 of norm IEC 60601-1-2:2014, as required.
- Please use ACCESSORIES and removable parts specified / approved by the MANUFACTURER. Otherwise, there is a risk of damaging the device or a risk of injury to the user / patient.
- Luer type fittings are not used in the construction of the hose. There exists a possibility that they could be accidentally connected to intravascular circulation systems, which would enable air to be pumped in to blood vessels.
- Please use the device in an environment that is described in this user's manual. Otherwise, the operation and lifetime of the device may be negatively affected or shortened.

A



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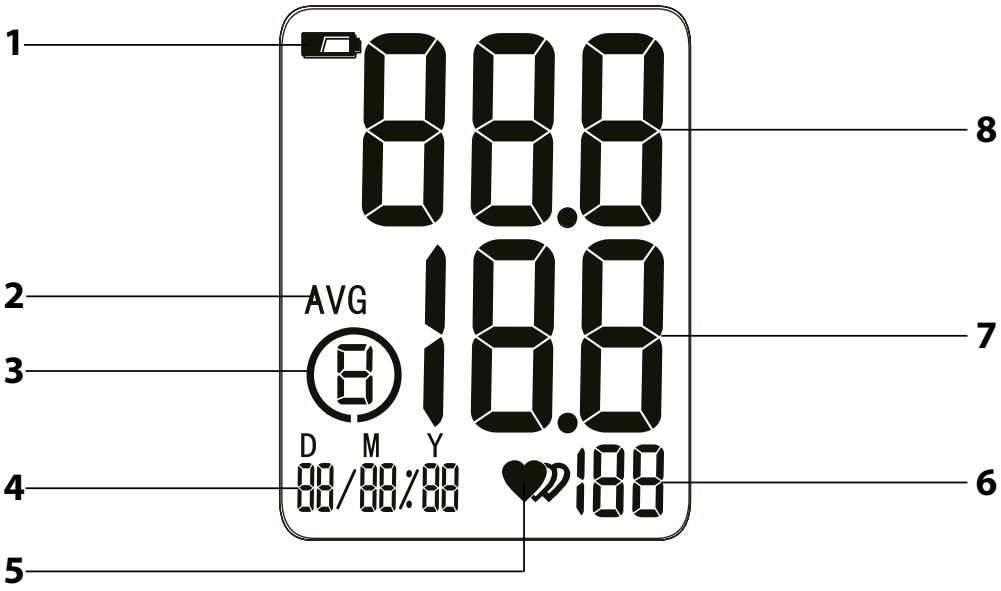

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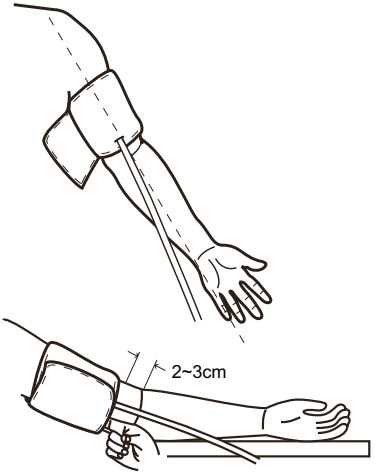

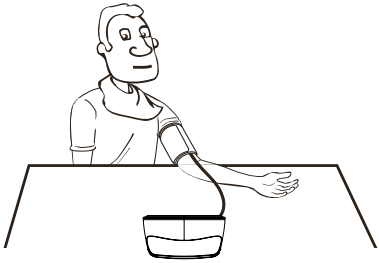

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User's manual

- Prior to using this device, please read the user's manual thoroughly, even in cases, when one has already familiarised themselves with previous use of similar types of devices. Only use the device in the manner described in this user's manual. Keep this user's manual in a safe place where it can be easily retrieved for future use.
- We recommend saving the original cardboard box, packaging material, purchase receipt and responsibility statement of the vendor or warranty card for at least the duration of the legal liability for unsatisfactory performance or quality. In the event of transportation, we recommend that you pack the device in the original box from the manufacturer.

DESCRIPTION OF THE BLOOD PRESSURE MONITOR

A1 Pressurising cuff
A2 Air hose
A3 Air hose connection socket
A4 M button
A5 START/STOP button
A6 Display
A7 Battery compartment

DESCRIPTION OF THE DISPLAY

B1 Flat battery indicator
B2 Average measured blood pressure
B3 Measured blood pressure category
B4 Display of date and year
B5 Detection of cardiac arrhythmia
B6 Pulse rate (number of pulses/ minute)
B7 Diastolic pressure value (in mmHg)
B8 Systolic pressure value (in mmHg)

BEFORE FIRST USE

- Before first use, take the device and its accessories out of the packaging material and remove all promotional labels and stickers. Check that neither the device nor any of its parts is damaged.

PACKAGING CONTENT:

1. Blood Pressure Monitor (TMB-1775-A)
2. Cuff (Type BF applied part)
3. 4×AAA alkaline batteries
4. User manual

Component list of pressure measuring system

1. Cuff
2. Air pipe
3. PCBA
4. Pump
5. Valve

WHAT YOU SHOULD KNOW ABOUT BLOOD PRESSURE

What is blood pressure?

- Blood pressure is defined as the pressure exerted by the blood on the walls of the arteries through which it flows. Blood pressure fluctuates during the course of each heartbeat between the maximum (systolic) and the minimum (diastolic) value. Blood pressure is influenced by many factors, such as physical activity, fear, anger or by a certain time of day.
- Blood pressure changes constantly over the course day. Early in the morning it rises and before noon it falls. In the afternoon it rises again and then falls in the evening hours. Blood pressure may also change within an instant and so the subsequent measurement results may vary.

Why is it important to measure your blood pressure at home?

- Many people have increased blood pressure when they visit their doctor, while at home their blood pressure is in the normal range. This is the so-called white coat syndrome and may affect up to 15 % of the population.
- Home blood pressure measurement eliminates the white coat syndrome and provides the doctor with a picture of the various blood pressure levels during your natural activity.

Blood pressure classification by the World Health Organisation

- The following table shows the blood pressure classification for an adult person according to the World Health Organisation (WHO).

Blood pressure category	Systolic blood pressure (in mmHg)	Diastolic blood pressure (in mmHg)
Optimal	<120	<80
Standard	120-129	80-84
High normal	130-139	85-89
Hypertension: Stage 1 (mild)	140-159	90-99
Hypertension: Stage 2 (medium)	160-179	100-109
Hypertension: Stage 3 (heavy)	≥180	≥110
Isolated systolic hypertension	≥140	<90

What is cardiac arrhythmia?

- Cardiac arrhythmias are a disorder of the rhythm of the heartbeat. They result from a varied creation or conduction of electrical impulses in the heart. Many cardiac arrhythmias are only temporary in nature. Such types of arrhythmias are considered to be harmless and include the cases where the heart misses or adds a beat. This may be caused by strong emotions or exercise. However, there exist types of arrhythmia, which may be life threatening and require professional treatment.

Symptoms of cardiac arrhythmia

- Symptoms of cardiac arrhythmia: strong or accelerated beating of the heart, feeling of tiredness, vertigo, loss of consciousness, lack of breath and chest pain.
- Symptoms of bradycardia (slowed down heart activity): feeling of tiredness, lack of breath, vertigo or dizziness.
- Symptoms of tachycardia (accelerated heart activity): the heartbeat may be felt in the neck or as a beat in the chest with irregular speed, feeling of unease, weakness, lack of breath, dizziness, sweating and vertigo.

Can cardiac arrhythmia be treated?

- Cardiac arrhythmia can to a certain extent be prevented by eliminating the stimuli (physical exertion, stress, smoking, consumption of alcohol, coffee or other beverages containing caffeine) affecting the nervous system. Many types of cardiac arrhythmias do not require treatment as they are naturally compensated by the immune system. Other types of cardiac arrhythmias must be treated with medication (antiarrhythmic agents), defibrillator implants or pacemakers. The treatment method depends on the type of cardiac arrhythmia, age of the patient and their physical condition.

BASIC FUNCTIONS AND FEATURES OF THE BLOOD PRESSURE MONITOR

- Measurement of the systolic and diastolic blood pressure and pulse
- Detection of cardiac arrhythmia
- Adjustable length cuff for arm circumferences from 22–42 cm
- Automatic inflation and air release of the cuff
- Large display
- 1x 60 memory positions for storing measurement results including date and time
- Battery-powered operation

INSERTING BATTERIES INTO THE BLOOD PRESSURE MONITOR

Use 4x type AAA alkaline batteries to power the blood pressure monitor.
Remove the battery compartment cover and insert 4 type AAA alkaline batteries. When inserting the batteries ensure the correct polarity as shown in the battery compartment. Close the cover.
The batteries need to be replaced when:

- the display shows the symbol .
- the display is dim.
- the display does not turn on.

Note:
If the polarity is reversed when the batteries are inserted, the device may not only not function but may also heat up.
Do not combine used and new batteries or batteries of various types, e.g. alkaline batteries and rechargeable batteries.
When you will not be using the device for an extended period of time, take out the batteries.
A flat battery is damaging to the environment; please do not throw it out with household waste.
Take the flat battery out of the device and proceed according to local recycling codes.
Do not throw batteries into a fire. The batteries may explode or leak out.

SETTING THE DATE AND TIME

- Prior to using the blood pressure monitor, it is important to correctly set the date and current time so that the correct time and date information is saved in memory together with the measured blood pressure reading. The time can be set in 24-hour format.

1. While the blood pressure monitor is turned off, hold down the **START/STOP A5** button to enter the date and time settings menu. A "Y" icon will start flashing on the display **A6**, which means that the year needs to be set first.
2. Repeatedly press the **M A4** button until the required year appears on the display **A6**.
3. Once the year is set, press the **START/STOP A5** button to save the year in the memory of the blood pressure monitor.

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4. An "M" will start flashing on the display **A6**, which means that the month (1 – 12) needs to be set.
5. Repeatedly press the **M A4** button until the required month appears on the display **A6**.
6. Once the month is set, press the **START/STOP A5** button to save the month in the memory of the blood pressure monitor.
7. A "D" will start flashing on the display **A6**, which means that the day needs to be set.
8. Repeatedly press the **M A4** button until the required day (1 - 30/31) appears on the display.
9. Once the day is set, press the **START/STOP A5** button to save the day in the memory of the blood pressure monitor.
10. The numerical hour value will start flashing on the display **A6**.
11. Repeatedly press the **M A4** button until the required hour (1 – 24) appears on the display.
12. Once the hour is set, press the **START/STOP A5** button to save the hour in the memory of the blood pressure monitor.
13. The numerical minutes value will start flashing on the display **A6**.
14. Repeatedly press the **M A4** button until the required minutes value (1 – 60) appears on the display.
15. Once the minutes are set, press the **START/STOP A5** button to save the minutes in the memory of the blood pressure monitor.
16. The display will show "donE" (done) and the date and time are now correctly set. The display **A6** will turn off.

BEFORE STARTING MEASUREMENT

Basic instructions for achieving the most accurate measuring results

- Always take measurements at the same time of day, ideally in the morning, at noon and in the evening under the same conditions or according to the recommendations of your doctor.
- Do not perform measurement sooner than 30–45 minutes after consuming coffee, tea or smoking a cigarette.
- Wait at least 20 minutes after taking a hot shower or bath.
- During measurement, sit calmly, relaxed and don't talk. Do not move the arm to which the cuff is attached.
- Do not eat or drink approximately 1 hour prior to measurement.
- Do not perform measurements in an excessively cold environment.
- Do not perform measurements when you need to go to the toilet.
- Wait approximately 4–5 minutes before measuring again.

Attaching and securing the cuff

- Remove all tight clothing from the arm before attaching the cuff.
- Attach the cuff 2- 3 cm above the elbow cavity – see figure C. Ensure that the air hose is located above the brachial artery, as illustrated on the cuff label.
- The cuff must not be too loose or too tight. Verify the correct tightness by easily inserting one finger between the cuff and the arm.
- Place the forearm on an even table surface

Note:
Blood pressure can be measured both on the left and the right arm. However, the measurement results from the left and right arm may differ, and for this reason it is necessary to perform repeated measurements always on the same arm.

MEASURING BLOOD PRESSURE

- While the display **A6** is turned off, press the **START/STOP A5** button and the display **A6** will be lit and all the icons will appear temporarily.
- The device will automatically pressurise the cuff. While the cuff is being pressurised the pulse rate is being detected. It is indicated by the flashing symbol ♥ on the LCD display.
- Then the pressure in the cuff is continuously released and the values of the systolic (SYS) and diastolic (DIA) pressure and pulse frequency are automatically determined.
- To start the device, press the **START/STOP A5** button. If you do not turn off the device, it will turn itself off automatically within 1 minute of the last measurement. Remove the cuff from your arm after completing the measurement.

Note:
If the symbol ♥ appears on the display, the device has detected cardiac arrhythmia.

VIEWING VALUES STORED IN MEMORY

- While the device is turned off, press the **M A4** button. The average values of the last three measurements will be shown on the display **A6**. In the event that less than three measurements were performed, the results of the last measurement will be shown.
- Press the **M A4** button again and the last measured values will be shown. The date and time will intermittently be shown on the display.

DELETING VALUES FROM MEMORY

- If you did not get correct measurement results or if the measurement was unsuccessful or conditions were poor, then you can delete all the measurement results.
- Hold down the **M A4** button for approximately 3 seconds until "DEL ALL" (delete all) appears on the display **A6**.
- Hold down the **START/STOP A5** button to confirm the deletion of the values from memory. The message "dEL donE" (deletion done) will appear on the display **A6**. Then the display **A6** will turn off.
- When button **M A4** is pressed, no values will be shown on the display **A6**.

Note:
If you need to exit from the delete menu, press the **START/STOP A5** button.

CLEANING AND MAINTENANCE

- Keep the device clean. Wipe off dust using a lightly damp cloth.
- Do not wash device or the cuff under running water or submerge it in water.
- Do not use abrasive cleaning products or petrol for cleaning. Otherwise the device may be damaged.

Storage

- If you will not be using the device for an extended period of time, remove the batteries.
- Protect the device against impacts and falls.
- Store the device in a clean, dry place that is out of reach of children. Do not expose the device to direct sunlight or extreme temperature changes.

CALIBRATION

Recommendation: To ensure accurate measurement results, we recommend the device is calibrated after two years of operation. All costs associated with the calibration are borne by the customer.

ELECTROMAGNETIC INTERFERENCE

- To prevent measurement inaccuracies caused by electromagnetic interference, do not use this device in the vicinity of mobile telephones or microwave ovens.

COMPLIANCE WITH NORMS

This device complies with European norms:

- Risk management: EN ISO 14971:2012 / ISO 14971:2007 Medical devices – Application of risk management to medical devices.
- Designation: EN ISO 15223-1:2016 / ISO 15223-1:2016 Medical devices - Symbols to be used with medical device labels, labelling and information to be supplied – Part 1: General requirements.
- Instructions for use: EN 1041:2008 Information supplied by the manufacturer of medical devices
- General safety requirements:
  EN 60601-1:2006+A1:2003 / IEC 60601-1:2005+A1:2012 Medical electrical equipment – Part 1: General basic safety and necessary performance requirements
  EN 60601-1-11:2015 / IEC 60601-1-11:2015 Medical electrical equipment – Part 1-11: General basic safety and necessary performance requirements – Group norm: Requirements for medical electrical equipment and medical electrical systems used in the home healthcare environment.
- Electromagnetic compatibility EN 60601-1-2:2015 / IEC 60601-1-2:2015 Medical electrical equipment- Part 1-2: General basic safety and necessary performance requirements – Group norm: Electromagnetic interference – Requirements and tests
- Performance requirements:
  EN ISO 81060-1:2012 Non-invasive blood pressure monitors - Part 1: Requirements and test methods for non-automated measurement type
  EN 1060-3:1997 + A2:2009 Non-invasive blood pressure monitors - Part 3: Specific requirements for electromechanical systems for the measurement of blood pressure
  IEC 80601-2-30:2009 + A1:2013 Medical electrical devices- Part 2-30: Particular requirements for the basic safety and essential performance of automated type non-invasive sphygmomanometers
- Clinical examination:
  EN 1060-4:2004 Non-invasive blood pressure monitors - Part 4: Testing procedures for determining the overall accuracy of automatic non-invasive blood pressure monitor systems.
  ISO 81060-2:2013 Non-invasive blood pressure monitors - Part 2: Clinical investigation of automated measurement type
- Applications
  EN 60601-1-6:2010 + A1:2015 / IEC 60601-1-6:2010 + A1:2013 Medical electrical equipment- Part 1-6: Particular basic safety and necessary performance requirements - Group norm: Applications
  IEC 62366-1:2015 Medical devices – Part 1: Application of usability engineering to medical devices.
- Software life-cycle processes: EN 62304:2006 / AC :2008 / IEC 62304:2006 + A1:2015 Medical device software - Software life-cycle processes
- Biological compatibility
  ISO 10993-1:2009 Biological evaluation of medical devices - Part 1: Evaluation and testing within a risk management process
  ISO 10993-5:2009 Biological evaluation of medical devices - Part 5: Tests for in vitro cytotoxicity
  ISO 10993-10:2010 Biological evaluation of medical devices - Part 10: Tests for irritation and skin sensitization

CE 0123	This device meets the requirements of European Directive No. 93/42/EEC.
	Manufacturer: Guangdong Transtek Medical Electronics Co., Ltd., Zone A, No.105 , Dongli Road, Torch Development District, Zhongshan, 528437, Guangdong, China
SN	This symbol indicates the serial number.
	This symbol indicates direct electrical current.
	This symbol indicates the date of manufacture, which is provided on the rating label.
	This symbol indicates the BF type applied parts.
EC REP	This symbol indicates an authorised representative for the EU: MDSS - Medical Device Safety Service GmbH, Address: Schiffgraben 41, 30175 Hannover, Germany
	This symbol indicates that the device is intended for recycling.
	The Green Dot symbol is the license symbol of a European network of industry-funded systems for recycling the packaging materials of consumer goods.

TROUBLESHOOTING

- In this chapter you will find solutions to problems that you may encounter when using this device. If you were unable to remedy the problem according to the following instructions, contact an authorised service centre.

PROBLEM	CAUSE	SOLUTION
After pressing the **START/STOP A5** button, the display **A6** does not turn on.	The batteries are probably flat.	Replace the batteries with new ones.
	The batteries are inserted incorrectly.	Insert the batteries according to the markings on the bottom of the battery compartment.
The symbol and the message "LO" will appear on the display **A6**.	The batteries are flat.	Replace the batteries with new ones.
Error message **E 01** appeared on the display **A6**.	The cuff is fastened too tightly or too loosely.	Unfasten the cuff, adjust the setting and refasten it. Repeat the measurement.
Error message **E 02** appeared on the display **A6**.	The device registered an arm / body movement during measurement.	Movement may affect the measurement correctness. Relax for a few moments and then repeat the measurement.
Error message **E 03** appeared on the display **A6**.	The device did not register a pulse during measurement.	Loosen a rolled up sleeve, or alternatively take off your jumper or tracksuit top that you are wearing. Repeat the measurement.
Error message **E 04** appeared on the display **A6**.	Measurement failed.	Relax for a few moments and then repeat the measurement.
Error message **EExx** appeared on the display **A6**.	A calibration error occurred (as a rule, xx is a number, e.g. 01, 02, etc., all values relate to calibration error during calibration).	Repeat the measurement. If the problem persists, please contact an authorised service centre.
Error message "out" appeared on the display **A6**.	The measured values are outside the range of the device.	Relax for a while. Put the cuff back on and repeat the measurement. If the problem persists, please contact your doctor.

TECHNICAL SPECIFICATIONS

Power supply	4x type AAA batteries (included)
Display	Blue LCD with a white backlight, dimensions: 65 × 50 mm
Measuring method	Oscillometric
Measuring range	Cuff pressure: 0 mmHg – 299 mmHg Measured pressure SYS: 60 mmHg – 230 mmHg DIA: 40 mmHg – 130 mmHg Pulse: 40 – 199 pulses / minute
Measurement accuracy	Pressure: ± 3 mmHg (0.4 kPa) at a temperature of 5 – 40 °C Pulse: ± 5 %
Standard operational conditions	Operating temperature range: 5 – 40 °C Relative humidity range: 15 – 90 % (non-condensating environment, however without water vapour) Partial pressure greater than 50 hPa Atmospheric pressure range: 700 hPa – 1060 hPa
Storage and transportation conditions	Temperature: -20 °C - + 60 °C Relative humidity range ≤ 93 % (non-condensating environment) At a water vapour pressure of up to 50 hPa
Adjustable length of the cuff	22 – 42 cm
Weight	Approx. 225 g (without batteries and cuff)
External dimensions	120.2 × 108.2 × 68.5 mm
Accessories	Cuff, 4x AAA type batteries, user's manual
Operating mode	Continuous operation
Protection level	Type BF applied part
Protection against the effect of water	IP21 (means that the device is protected against solid foreign objects of size 12.5 mm and larger and against water drops falling vertically on the device)
Device classification	The device is only battery-powered. Internally-powered medical electrical device Power adapter power supply mode: class II medical electrical device.
Software version	A04

We reserve the right to change text and technical specifications.

INSTRUCTIONS AND INFORMATION REGARDING THE DISPOSAL OF USED PACKAGING MATERIALS

Dispose of used packaging material at a site designated for waste in your municipality.

DISPOSAL OF USED BATTERIES

Batteries contain environmentally damaging compounds and, therefore, do not belong in standard communal waste. Hand over used batteries for proper disposal at locations intended for their collection.

DISPOSAL OF USED ELECTRICAL AND ELECTRONIC EQUIPMENT

This symbol on products or original documents means that used electric or electronic products must not be added to ordinary municipal waste. For proper disposal, renewal and recycling hand over these products to determined collection points. Alternatively, in some European Union states or other European countries you may return your products to the local retailer when buying an equivalent new product.

Correct disposal of this product helps save valuable natural resources and prevents potential negative effects on the environment and human health, which could result from improper waste disposal. Ask your local authorities or collection facility for more details.

In accordance with national regulations penalties may be imposed for the incorrect disposal of this type of waste.

For business entities in European Union states

If you want to dispose of electric or electronic devices, ask your retailer or supplier for the necessary information.

Disposal in other countries outside the European Union.

This symbol is valid in the European Union. If you wish to dispose of this product, request the necessary information about the correct disposal method from the local council or from your retailer.

CE

This product meets all the basic requirements of EU directives related to it.

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