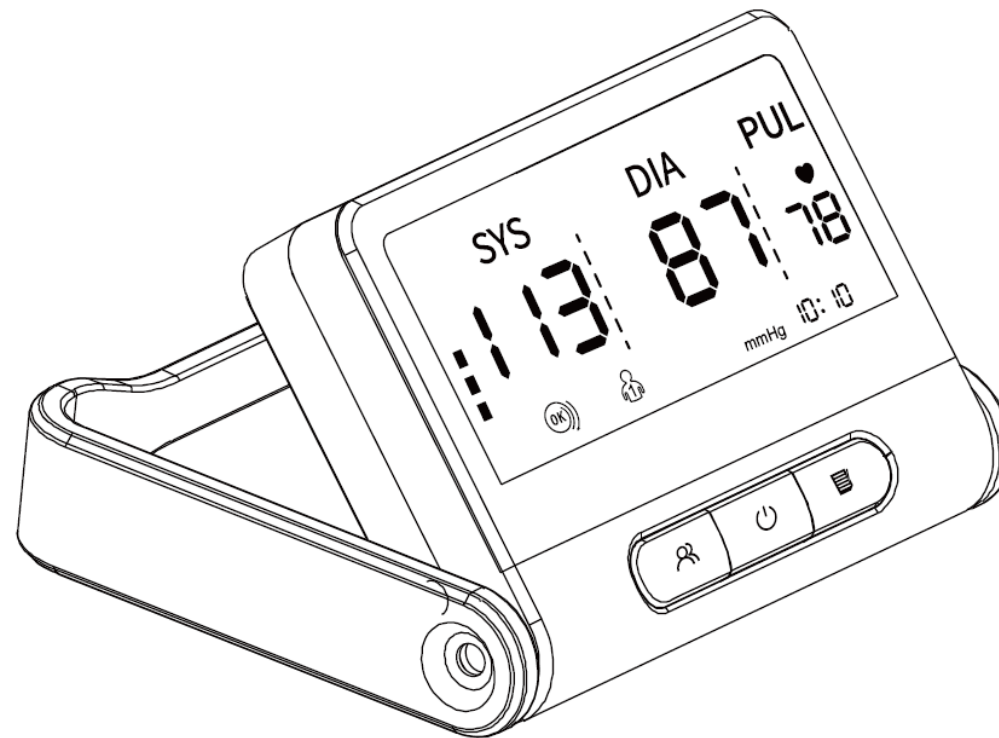


User's Manual
Dr. Senst Upper Arm Blood Pressure Monitor
Model AOJ-30D



Manual version: A0
Software version: V1.0
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AOJ-WI-30D-0007

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Important safety instructions

WHEN USING ELECTRICAL PRODUCTS, ESPECIALLY WHEN CHILDREN ARE PRESENT, BASIC SAFETY PRECAUTIONS SHOULD ALWAYS BE FOLLOWED, INCLUDING THE FOLLOWING:

READ ALL INSTRUCTIONS BEFORE USING.

Introduction

Thank you for purchasing *Dr. Senst Upper Arm Blood Pressure Monitor AOJ-30D*. For proper use of this product, please read the instruction manual carefully before use and operate the product according to the instructions. Before using this product, please be sure to read and follow the “[Safety Precautions](#)”. Please keep the instruction manual in a safe place for future reference.

The monitor can be used and store measurement results for two users. It uses the oscillometric method of blood pressure measurement. This means this monitor detects your blood movement through your brachial artery and converts the movements into a digital reading. The device can be used in homecare environment, and the patient is an intended operator, and all the functions can be safely used.

Unpacking and Inspection

Before use, please open the package carefully and check whether all the parts are available according to the following packing list and whether the parts are damaged during transportation, and then install and operate in strict accordance with the manual.

Packing List

No.	Name	Quantity
1	Arm Blood Pressure Monitor	1
2	Cuff 22~42 cm	1
3	Pouch	1
4	AAA Alkaline Batteries	4
5	DC35135 to USB-A Cable* (for not included AC plug)	1

6	User Manual	1
7	Quick Start Guide	1

***Note:** The cable is for power supply only, the device cannot be charged!

 **WARNING:** Do not use batteries & USB cable at the same time to avoid risk of electric shock and damage to the device.

Safety Precautions: Contraindications, Precautions, Warnings and Prompt Instructions

- No maintenance or servicing when using.
- The patient is an intended operator, and all the functions can be safely used.
- Dispose of the monitor when its service life is reached. Follow local regulations regarding the disposal of such product.
- When the performance changes (such as: inaccurate measurement or abnormal display), please stop using it immediately and contact the after-sales service personnel in time.
- Do not leave the small parts where children can reach them.
Children may swallow them. If a child accidentally swallows them, e.g., battery cover, please contact a doctor immediately.
- Maintenance should be done by the operator as suggested.
- Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30cm (12inches) to any part of this device, including cables specified by the manufacturer. Otherwise, degradation of the performance of this equipment could result.
- When the ambient temperature is less than 5°C, please take the device to the place where the ambient temperature is between 5°C~40°C at least 1 hour; When the ambient temperature is higher than 40°C, please take the device to the place where the ambient temperature is between 5°C~40°C at least 2 hours.
- DO NOT use this monitor on infants, toddlers, children or persons who cannot express themselves.
- DO NOT adjust medication based on readings from this blood pressure monitor. Take medication as prescribed by your physician. ONLY a physician is qualified to diagnose and treat high blood pressure.
- DO NOT use this monitor on an injured arm or an arm under medical treatment.
- DO NOT apply the arm cuff on your arm while on an intravenous drip or blood transfusion.
- DO NOT use this monitor in areas containing high frequency (HF) surgical equipment, magnetic resonance imaging (MRI) equipment, computerized tomography (CT) scanners. This may result in incorrect operation of the monitor and/or cause an inaccurate reading.

- DO NOT use this monitor in oxygen rich environments or near flammable gas.
- Consult with your physician before using this monitor if you have common arrhythmias such as atrial or ventricular premature beats or atrial fibrillation; arterial sclerosis; poor perfusion; diabetes; pregnancy; pre-eclampsia or renal disease.
NOTE that any of these conditions in addition to patient motion, trembling, or shivering may affect the measurement reading.
- NEVER diagnose or treat yourself based on your readings. ALWAYS consult with your physician.
- To help avoid strangulation, keep the air tube and type C cable away from infants, toddlers and children.
- Stop using this monitor and consult with your physician if you experience skin irritation or discomfort.
- Consult with your physician before using this monitor on an arm where intravascular access or therapy, or an arterio-venous (A-V) shunt, is present because of temporary interference to blood flow which could result in injury.
- Consult with your physician before using this monitor if you have had a mastectomy.
- Consult with your physician before using this monitor if you have severe blood flow problems or blood disorders as cuff inflation can cause bruising.
- DO NOT take measurements more often than necessary because bruising, due to blood flow interference, may occur.
- ONLY inflate the arm cuff when it is applied on your upper arm.
- Remove the arm cuff if it does not start deflating during a measurement.
- DO NOT use this monitor for any purpose other than measuring blood pressure.
- DO NOT disassemble or attempt to repair this monitor or other components. This may cause an inaccurate reading.
- DO NOT use in a location where there is moisture or a risk of water splashing this monitor. This may damage this monitor.
- DO NOT use this monitor in a moving vehicle such as in a car.
- DO NOT drop or subject this monitor to strong shocks or vibrations.
- DO NOT use this monitor in places with high or low humidity or high or low temperatures.
- 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.
- 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.

Product Composition

This product is composed of the main body (monitor) and cuff.

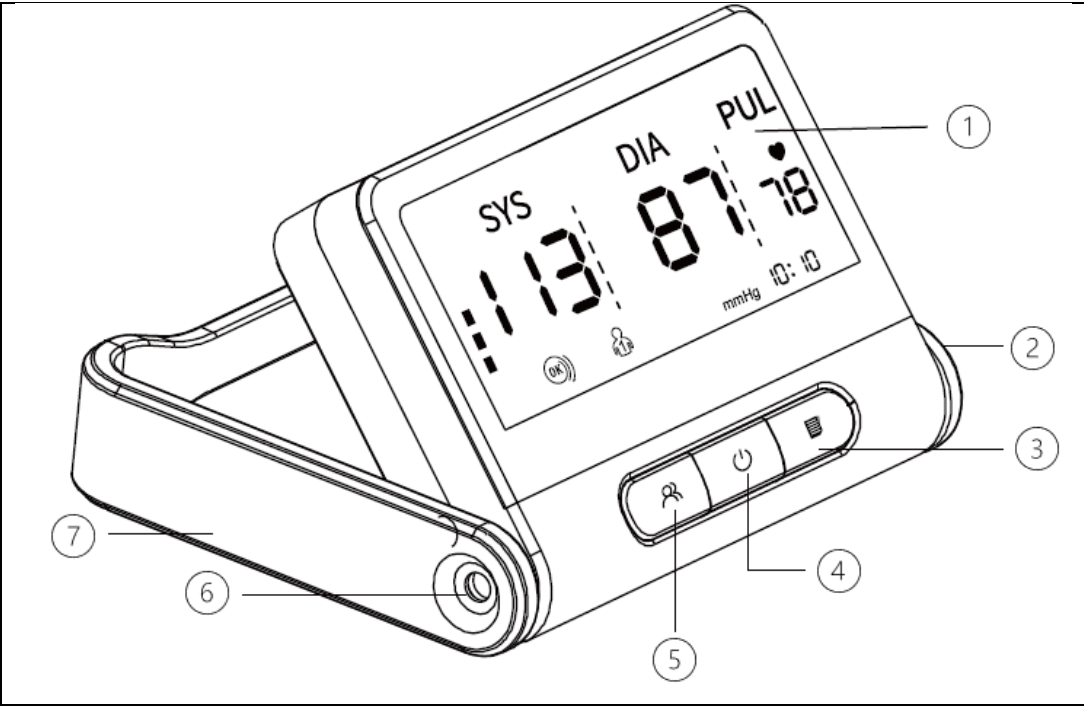
Intended Use / Instructions for Use

The *Dr. Senst Upper Arm Blood Pressure Monitor AOJ-30D* is intended to measure the systolic pressure and diastolic pressure, as well as the pulse rate of adult person via non-invasive oscillometric technique at medical facilities or at home.

Contraindication

No known contraindication existing.

Main Body (Monitor) Illustration

A line drawing of the Dr. Senst Upper Arm Blood Pressure Monitor AOJ-30D. The device has a rectangular main body with a digital display on the front. The display shows 'SYS' with a value of 113, 'DIA' with a value of 87, and 'PUL' with a value of 78. Below the display, there are three buttons: a memory button (labeled 3), a start/stop button (labeled 4), and a user selection/date/time setting button (labeled 5). The device is attached to an upper arm cuff (labeled 6) which has a handle (labeled 7). A power input port (labeled 2) is located on the side of the main body. A small 'ON' button is also visible on the front of the main body.

1	VA Display
2	Power Input for DC35135 to USB-A Cable
3	Memory Button
4	Start/Stop Button
5	User Selection/Date/Time Setting Button
6	Air Jack
7	Handle

Display Description

	1	Blood Pressure Classification	11	Pulse Rate
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The diagram shows a digital blood pressure monitor display with the following components labeled: 1: Left side of the display frame 2: Voice icon 3: OK icon 4: User 1 icon 5: User 2 icon 6: Memory icon 7: Memory number '88' 8: Units 'kPa mmHg' 9: Date and time '28:88' 10: Battery icon 11: Pulse display '188' 12: Irregular heartbeat icon 13: Heartbeat icon 14: Pulse display '188' 15: Diastolic blood pressure '28.8' 16: Diastolic blood pressure icon 17: Systolic blood pressure '28.8' 18: Systolic blood pressure icon 19: Average value '28.8'	2	Voice on/off Icon (This version does not contain speech output)	12	Irregular Heartbeat Icon
	3	Detection for Cuff Wrapping Icon	13	Heartbeat Icon
	4	Indication for Wrong Operation	14	Pulse Display
	5	User Icon	15	Diastolic Blood Pressure
	6	Memory Icon	16	Diastolic Blood Pressure Icon
	7	Memory Number	17	Systolic Blood Pressure
	8	Unit of Pressure	18	Systolic Blood Pressure Icon
	9	Date and Time	19	Average Value
	10	Low Battery Indicator		

Preparation

(1) Install the battery:

- Open the battery cover according to the method shown in the figure.
- Place 4 AAA dry batteries in the battery compartment and pay attention to the electrode indication of the batteries. Install the battery as indicated in the picture.

(2) Battery replacement

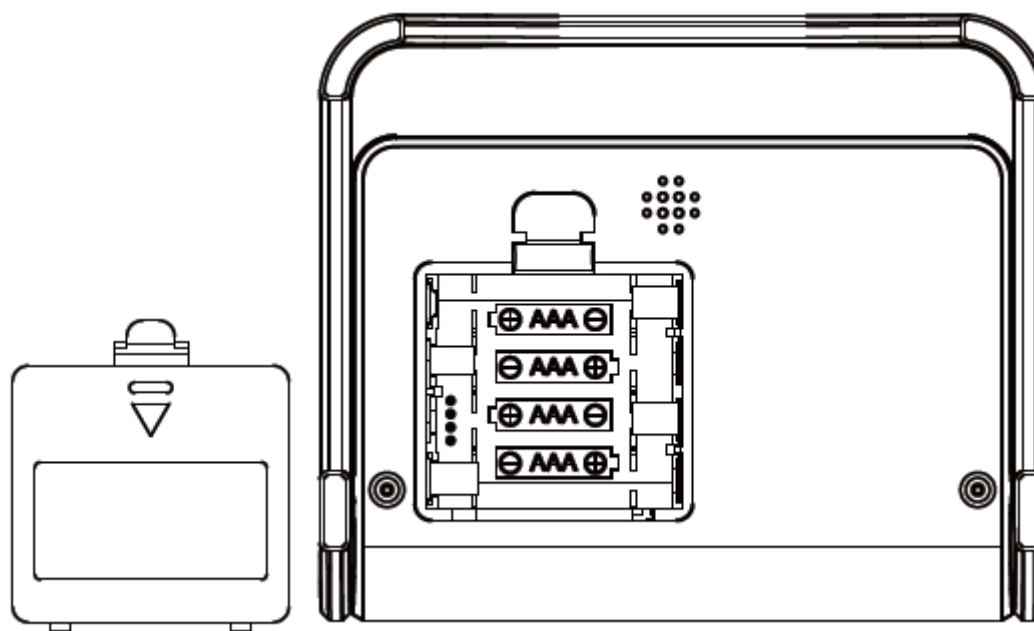


If the product is not used for a long time (over 3 months), please take out the batteries.

(3) Power Connection

You can also use the manufacturer provided DC35135 charging cable for the power supply. (AC plug is not included).

The product power can be supplied by plugging into DC 5V external power supply through a DC35135 interface.



⚠ WARNING: The cable is for power supply only - the device cannot be charged! Do not use batteries & USB cable at the same time to avoid risk of electric shock and damage to the device.

Function Setting

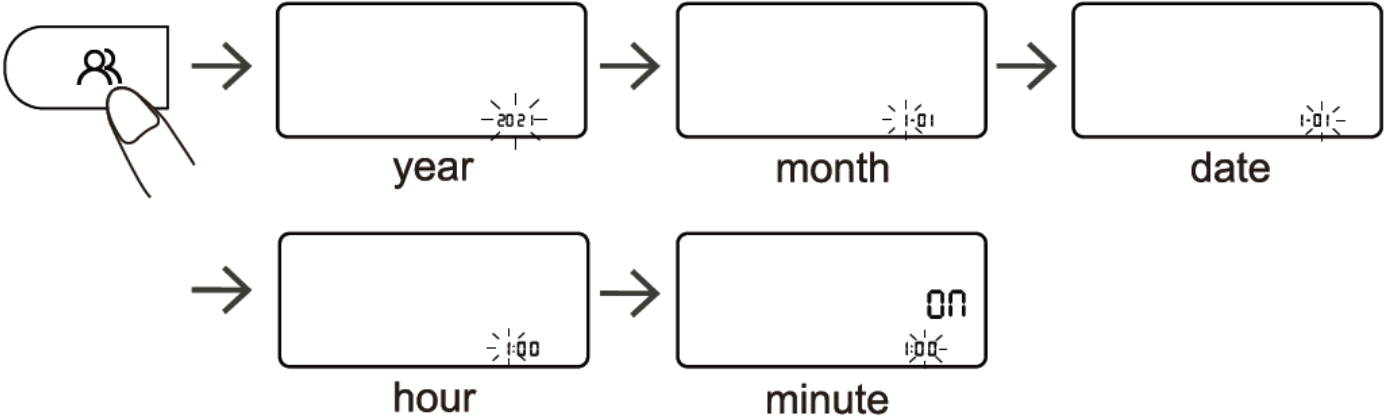
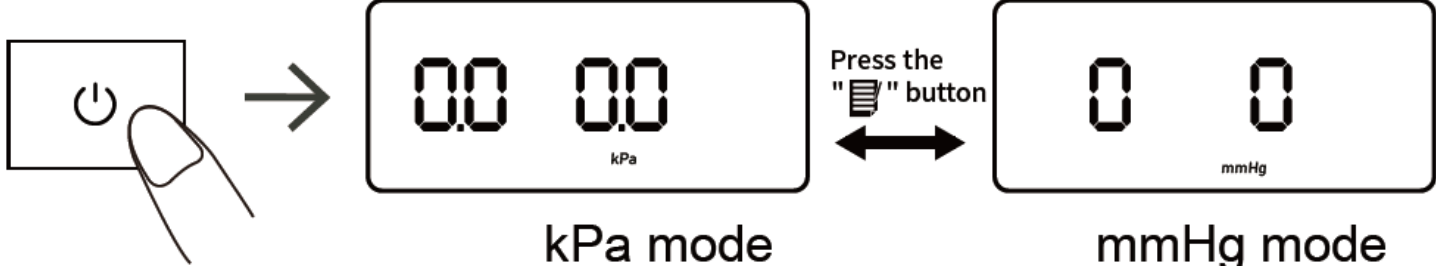
(1) User mode

In standby mode, press the "👤" button to enter the user group selection interface. Then press the "👤" button again to switch and select user groups.



Press the
"👤" button



(2) Year/month/date setting In standby mode, press "⌘" for about 3 seconds to enter the date setting, and "year" will flash. Press "⏮" to adjust to the desired year, and then press "⌘" to confirm the selection. When the "year" is set, it will automatically enter the month setting. At this time, the "month" icon will flash. You can switch to the desired value by pressing the "⏮" button. Follow the same step to set "date", "hour", and "minute".	 The diagram illustrates the sequence of settings for the device. It starts with a button labeled '⌘' (a person icon) being pressed. This leads to a screen showing 'year' with '2021' displayed. An arrow points to the next screen showing 'month' with '1-01' displayed. Another arrow points to a screen showing 'date' with '1-01' displayed. A final arrow points to a screen showing 'hour' with '1:00' displayed. A last arrow points to a screen showing 'minute' with '00' displayed.
(3) Unit display setting In standby mode, keep pressing "⏻" button for about 10 seconds to enter the unit selection, and press "⏮" to switch mmHg and kPa. Press "⌘" to confirm the selection; The default unit is mmHg.	 The diagram shows the unit selection process. It starts with a button labeled '⏻' (a power icon) being pressed. This leads to a screen showing '0.0 0.0' with 'kPa' below it, labeled 'kPa mode'. A double-headed arrow labeled 'Press the "⏮" button' points to another screen showing '0 0' with 'mmHg' below it, labeled 'mmHg mode'.

How to Take Proper Measurements

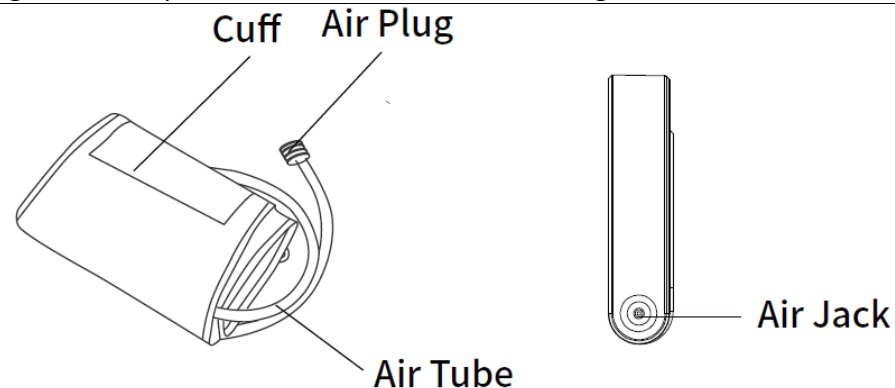
(1) Preparation before measurement

- Take off the clothes on the arm.
- Always measure in the same arm (generally the left arm).
- Remain still and keep quiet during measurement.
- Relax as much as possible and do not talk during measurement.
- Measure your blood pressure at about the same time every day.
- Do not measure right after physical exercise or a bath. Rest for 20 to 30 minutes before taking the measurement.
- Readings under the conditions listed below may affect results:

Within an hour after dinner, after having wine, coffee, tea, sports; talking, being nervous, being in unsteady mood, bending forward, moving, room temperature dramatically changing during measuring; inside a moving vehicle, repeated and continuous measuring.

(2) Applying the arm cuff

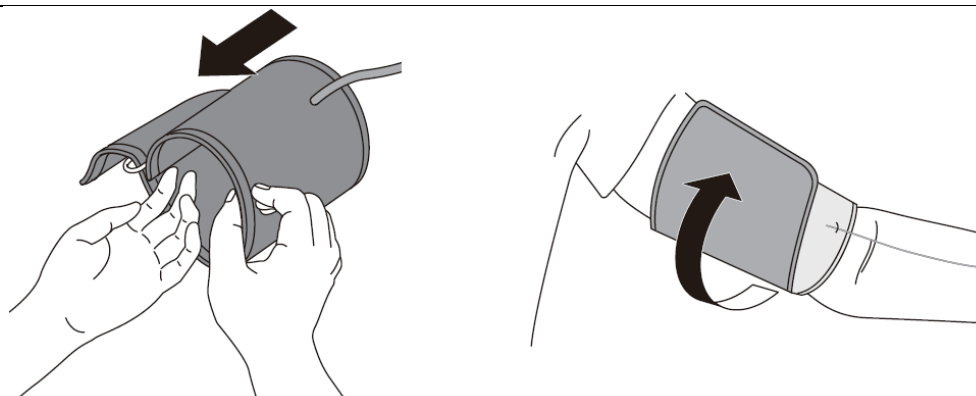
- 1) Connect the arm cuff to your monitor by inserting the air plug into the air jack securely.

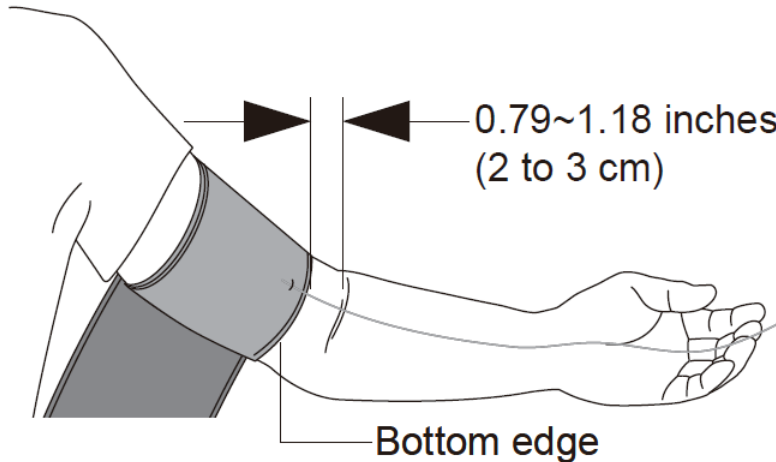
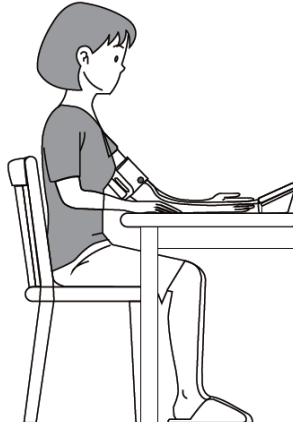
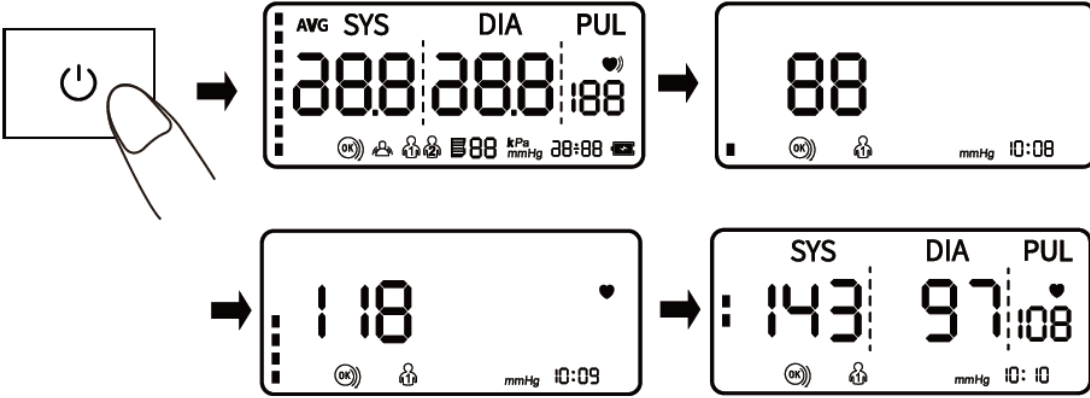


- 2) Place your hand through the cuff loop. Pull the cuff until it reaches your upper left arm.

Note

- The bottom edge of the arm cuff should be 0.79~1.18 inches (2 to 3 cm) above the inside elbow. The air tube is on the inside of your arm and aligned with your middle finger.
- Make sure that the air tube is positioned on the inside of your arm and wrap the cuff



	securely, so it cannot move around your arm. Repeated measurement will result in blood congestion in the arm, which will affect the measurement result. <i>How to avoid blood congestion and ensure the repeated measurement is accurate?</i> You can raise the left hand and hold the fist several times or take off the cuff and rest for at least 2-3 minutes before taking the measurement.	 0.79~1.18 inches (2 to 3 cm) Bottom edge
(3) Sitting correctly	To take a measurement, you need to be relaxed and comfortably seated in a room with a comfortable temperature. - Place your arm on the table. - Sit in a comfortable chair with your back and arm supported. - Keep your feet flat and your legs uncrossed. - The arm cuff should be placed on your arm at the same level as your heart, with the arm resting comfortably on a table.	
(4) Taking a measurement Start measurement after wearing the cuff: Press the "⏻" button and the monitor will begin to inflate. Please do not move or talk during the measurement. ⚠️Note: If you feel uncomfortable during the measurement, press the "⏻" button immediately to stop measure. When the air pressure is filled to a certain value, the value on the display screen will slowly drop at a certain speed, and the heartbeat		

symbol will flash. After the measurement is completed, the systolic pressure, diastolic pressure, and pulse measurements will be displayed on the screen. Note: Consult your doctor if unexpected readings are obtained.	
(5) Memory function 1) This monitor stores 99 sets of memories of two users. After each measurement, the monitor will automatically store the measurement data. When the memory is full, the old measurement data will be overfilled with the new one. 2) In standby mode, press the " " button once and the machine will display the average value of the blood pressure measured for the first three times. Press the " " button again, the first memory will be displayed. Press the " " button again and the rest memories will be displayed one by one.	
(6) Delete memory Keep pressing the " " button for 3 seconds to delete measurements stored on the device and the " " icon will appear on the screen.	
(7) Self check for cuff strap The " " icon is always displayed on the screen when the cuff is worn correctly. When the cuff is worn too loosely, the " " icon will always flash to remind you. If the " " icon is flashing all the time, please press the " " button to stop the measurement.	
(8) "Keep Still" indication The " " icon flashes when the body moves during the measurement, which may cause incorrect measurement results. Please re-measure it.	

Common Q & A on Blood Pressure (FAQ)

Q1: Why is the blood pressure value obtained at home lower than that obtained at the hospital?

- The blood pressure difference between home and hospital measurements is about 20 mmHg - 30 mmHg (2.7 kPa - 4.0 kPa). This is because individuals tend to be more relaxed at home than at the hospital.
- In addition, when the device is placed at a position over the heart, the blood pressure value tends to be much lower than it actually is. Ensure the device is positioned right at the heart level.

Q2: Why is the blood pressure value obtained at home higher than that obtained at the hospital?

- The anti-hypertensive drug might have lost its efficacy. Kindly adhere to your doctor's instructions.

- The cuff might not be in the correct position. If the cuff is not placed right, no arterial pressure value will be obtained, and the blood pressure value might be much higher than it is. Therefore, properly position the cuff.
- The cuff is not tight enough. If the cuff is loose, the compression force might fail to transmit to the artery, causing the blood pressure value to be much higher than it is. Therefore, re-adjust and tighten the cuff further.
- The patient is not sitting correctly during the measurement. Slouching, tilting, bending, and sitting cross-legged are not encouraged while taking blood pressure measurements due to increased abdominal pressure or the arm position being below the heart. Kindly take readings in the correct posture.

Q3: When can I obtain better measurements?

- Measurements are best taken in the mornings right after you urinate or when your mind and body are stable. We recommend taking readings at the same time of the day, every time.

Abnormal Phenomena and Handling

*When the measurement is abnormal, the following symbols will appear. Please use the correct method for measurement.

Screen display information	Remark
Er U	The inflation can not reach 30 mmHg in 12 seconds.
Er H	The inflation reaches 295mmHg, it deflates automatically after 20ms.
Er 1	The pulse rate is not detected correctly.
Er 2	Too much disturbance (Move, talk, or magnetic disturbance during a measurement.)
Er 3	The test result is abnormal.
Er 23	SYS value reads lower than 57mmHg
Er 24	SYS value reads higher than 255mmHg
Er 25	DIA value reads lower than 25mmHg
Er 26	DIA value reads higher than 195mmHg

Troubleshooting

Anomaly	Inspection Items	Countermeasures
There is no display after the power switch is pressed	Whether the battery power is insufficient	Replace the battery or insert the DC35135 cable for power supply
	Whether positive and negative poles of the battery are installed reversely	Install in the positive and negative pole direction of battery

No pressurizing	Whether the air tube plug is inserted tightly	Insert the air tube plug firmly into the jack
	Whether the air tube is broken or leaked	Purchase a new cuff
Unable to measure due to display error	Whether the arm is moved when pressurization	Keep your arm and body still
	Whether you talk during measurement	Keep quiet while measuring the blood pressure
Air leakage of cuff	Whether the cuff is twined too loose	Please tighten the cuff
	Whether the air bag of cuff is ruptured	Replace with a new cuff
 If the blood pressure still cannot be measured normally by the above methods, please contact the vendor. Please do not disassemble it by yourself!		

Cleaning and Disinfection

Cleaning:

- 1) Remove the batteries before cleaning.
 - 2) The body of monitor can be cleaned with a clean, soft cloth.
 - 3) The body can be wiped with a clean, soft cloth stained with a small amount of neutral detergent or water.
-  Do not use any corrosive cleaning agent. When cleaning, be careful not to immerse any part of the monitor to avoid liquid flow into the instrument.

Disinfection:

Recommended disinfecting agent:

Isopropanol solution with 70% concentration

Disinfection steps:

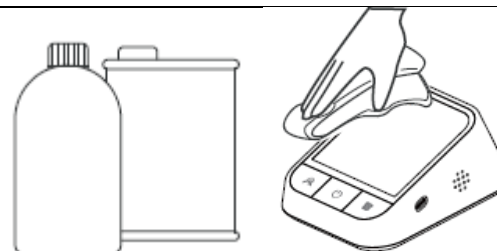
- 1) Wipe the machine body with a clean, soft cloth stained with a small amount of the above disinfectant and dry it immediately.
 - 2) The body of the monitor can be wiped with a clean cloth stained with a small amount of 75% medical alcohol for disinfection.
-  Do not disinfect by such method as high temperature steam or ultraviolet irradiation, which might damage the instrument or accelerate the aging! It is suggested to disinfect the monitor before and after use each time. Each time of disinfection shall be completed within 1min. The number of repeated disinfections each time shall not exceed 2 times.

Disposal:

Dispose of your monitor, other components and optional accessories according to applicable local regulations. Unlawful disposal may cause environmental pollution.

Upkeep and Maintenance

- Always keep the surface of monitor clean and tidy, helpful to prolong the service life of Blood Pressure Monitor.
- If the host is dirty, please wipe with a dry soft cloth. If the dirt cannot be eliminated easily, wipe with a soft cloth stained with water or neutral detergent, and then dry with a dry cloth.
- No maintenance or maintenance required when using the device.



water or neutral detergent



Do not allow water or other liquids to flow into the host.

Note:

- Do not bend or crease the air tube excessively.
- Do not store your monitor and other components:
 - If your monitor and other components are wet.
 - In locations exposed to extreme temperatures, humidity, direct sunlight, dust or corrosive vapors such as bleach.
 - In locations exposed to vibrations or shocks.

Technical Specifications

Product name	Dr. Senst Upper Arm Blood Pressure Monitor	
Model	AOJ-30D	
Display Mode	Large VA screen	
Measuring Part	Upper arm	
Pneumatic Pressure Measuring Range	0~295 mmHg (0~39.3 kPa)	
Overpressure Protection Limit	300 mmHg (39.9 kPa)	
Measuring Range	Blood pressure value	SYS: 57~255 mmHg (7.6~33.4 kPa); DIA: 25~195 mmHg (3.33~26 kPa);

	Pulse rate	40~199 bpm
Accuracy	Blood pressure value	±3 mmHg (±0.4 kPa)
	Pulse rate	±5%
Low Battery	4.2V±0.1V: low battery; 4.0V±0.1V: item will be turned off	
Anti Electronic Shock Type	Internal Power Supply	
Auto Power-off	1 minute without operation	
Power Supply*	4X AAA Batteries or DC35135 to USB-A Cable	
Anti Electronic Shock Degree	Type BF	
Operation Mode	Continuous operation	
Protection Against Harmful Ingress of Water or Particular Matter	IP21	
Weight	About 349g (without batteries)	
Dimension	5.35×4.44×1.10 inches 136mm(length)*113mm(width)* 28mm(height)	
Screen Size	4.5 inches 108mm (length)* 47mm (width)	
Cuff Size	22~42cm (8.66~16.53 inches)	
Service Life	5 years	
Protection Against Electric Shock	Internal powered supply	
Operating Environment	Temperature condition	5°C~40°C
	Humidity condition	15%~90%RH
	Atmospheric condition	70kPa~106kPa
Transportation and Storage Environment	Avoid strong impact, direct impact, exposure or rain during transportation. The packaged Blood Pressure Monitor shall be stored indoors at the temperature of -20°C~55°C and the relative humidity of 10%~93%, atmospheric Condition: 70kPa~106kPa. without corrosive gas and with good ventilation.	

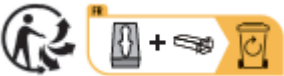
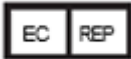
***Note:** The cable is for power supply only - the device cannot be charged!

⚠ WARNING: Do not use batteries & USB cable at the same time to avoid risk of electric shock and damage to the device.

Explanation of symbols

The warnings and illustrations shown in the manual are intended to enable you to use the product safely and correctly, thus preventing harm to you and others, specific meanings of which are shown as follows:

	Manufacturer
	Importer
	Date of manufacture
	UDI (Unique Device Identifier)
	Medical Device
	Serial number
	General symbol for recycling/recyclable
	Limits humidity for operation: 15%~95% RH, non-condensing Limits Relative humidity for storage: 10%~93% RH, non-condensing
	Temperature limit for operation: +5°C~ +40°C (41°F~104°F) Ambient temperature limit for storage: -20°C ~ 55°C (-4°F ~ 131°F).
	Limits atmospheric pressure for operation: 70kPa~106kPa Limits Atmospheric Condition for storage: 70kPa~106kPa

	Transport safety device: Caution fragile.
	See operating instructions
	To protect the environment, please separate electrical equipment and empty batteries (if possible) and dispose of each at suitable collection points in accordance with national regulations.
	To protect the environment, please separate electrical equipment and empty batteries (if possible) and dispose of each at suitable collection points in accordance with national regulations. See also the battery safety instructions . Do not dispose of batteries containing harmful substances with household waste.
IPX0	Ingress Protection rating, this thermometer is not waterproof.
	TÜV ID The product complies with the requirements of (EU) 2017/745 MDR on medical devices.
	Protection Class II Equipment
	Triman Recycling. According to French Decree No. 2014-1577. The symbol indicates the recycling of packaging by category.
	Triman Recycling. Info-Tri for proper disposal of electronic devices, batteries & enclosed peripherals in France.
	Type BF applied part
	European Authorized Representative
	Indicates prohibited practices in the general sense.
	Caution! Please refer to the Instruction Manual.

 Warning	Incorrect use of the thermometer may cause injury to the person or damage to the device.
 Caution	Incorrect use of the thermometer may cause injury to the person or damage to the device.

EMC Information

Caution

- The Infrared thermometer needs special precautions regarding EMC and needs to be installed and put into service according to the EMC information provided in the ACCOMPANYING DOCUMENTS.
- Portable and mobile RF communications equipment may affect the performance of the Infrared Thermometer, and please avoid strong electromagnetic interference such as getting close to mobile phone, microwave oven, etc. while using.
- For guidance and manufacturer's declarations, see appendix.

Warning

- Use of this device adjacent to or stacked with other equipment should be avoided. If such use is necessary, this device and other equipment should be observed to verify that they are operating normally.

Appendix EMC Information

Guidance and manufacturer's declaration – electromagnetic emissions		
The Arm Blood Pressure Monitor is intended for use in the electromagnetic environment specified below. The customer or the user of the Model AOJ-30D Arm Blood Pressure Monitor should assure that it is used in such an environment.		
Emissions test	Compliance	Electromagnetic environment - guidance
RF emissions CISPR 11	Group 1	The Infrared Thermometer uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
RF emissions CISPR 11	Class B	The Infrared Thermometer is suitable for use in all establishments, including domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings.

Harmonic emissions IEC61000-3-2	N.A.	
Voltage fluctuations/flicker Emissions IEC61000-3-3	N.A.	

Guidance and manufacturer's declaration – electromagnetic immunity		
The Arm Blood Pressure Monitor is intended for use in the electromagnetic environment specified below. The customer or the user of Arm Blood Pressure Monitor should assure that it is used in such an environment.		
Immunity test	IEC 60601 test level	Compliance level
Electrostatic discharge (ESD) IEC 61000-4-2	±8kV contact ±2 kV,±4kV,±8 kV, ±15kV air	±8 kV contact ±2 kV,±4 kV, ±8 kV,±15 kV air
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	Not applicable	Not applicable
Surge IEC 61000-4-5	Not applicable	Not applicable
Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	Not applicable	Not applicable
Power frequency Magnetic field IEC 61000-4-8	30A/m, 50/60Hz	30A/m, 50/60Hz
Conducted RF IEC61000-4-6	Not applicable	Not applicable
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: UT is the a.c. mains voltage prior to application of the test level		

Guidance and manufacturer's declaration – electromagnetic immunity								
The Arm Blood Pressure Monitor is intended for use in the electromagnetic environment specified below. The customer or the user of the Arm Blood Pressure Monitor should assure that it is used in such an environment.								
Radiated RF IEC61000-4-3 (Test	Test Frequency (MHz)	Band (MHz)	Service	Modulation	Max. Power(W)	Distance (m) Test Level (V/m)	IEC60601-1-2	Compliance level (V/m)

specifications for ENCLOSURE PORT IMMUNITY to RF wireless communications equipment)	385	380-390	TETRA 400	Pulse modulation 18Hz	1,8	0.3	27	27
	450	430-470	GMRS 460, FRS 460	FM ±5kHz deviation 1kHz sine	2	0.3	28	28
	710	704-787	LTE Band 13,17	Pulse modulation 217Hz	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 18Hz	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 217Hz	2	0.3	28	28
	1845							
	1970							
	2450	2400-2570	Bluetooth, WLAN, 802.11 b/g/n, RFID 2450, LTE Band 7	Pulse modulation 217Hz	2	0.3	28	28
	5240	5100-5800	WLAN 802.11 a/n	Pulse modulation 217Hz	0,2	0.3	9	9
	5500							
	5785							

Safety instructions for batteries

- Replace the batteries when the battery symbol appears in the display.
- Remove weak batteries from the battery compartment immediately, as they may leak and damage the device.
- In case of contact with battery acid, immediately rinse the affected areas with plenty of clean water and seek medical attention immediately.

- If a battery is swallowed, seek medical attention immediately.
- Always replace all batteries at the same time. Use only batteries of the same type, do not use different types or used and new batteries together.
- Insert the batteries correctly and observe the polarity (+/-).
- Remove the batteries if you do not use the device for at least 3 months.
- Keep the batteries away from children.
- Do not recharge the batteries! **There is a danger of explosion!**
- Do not short-circuit! **There is a danger of explosion!**
- Do not throw into fire! **There is a danger of explosion!**
- Do not dispose of used batteries and rechargeable batteries in the household waste, but in the special waste or at a battery collection point in the specialized trade.
- Remove batteries/battery packs before disposing of the device.
- Batteries/battery packs can be returned to the retailer free of charge after use.
- The end user is legally obligated to return used batteries/rechargeable batteries.
- Batteries must be replaced by adults only, children are not allowed to replace button cells & other batteries.
- Warning: Dispose of used batteries immediately. Keep new and used batteries away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.
- Batteries/rechargeable batteries can be returned to retailers free of charge after use.

Manufacturer information

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