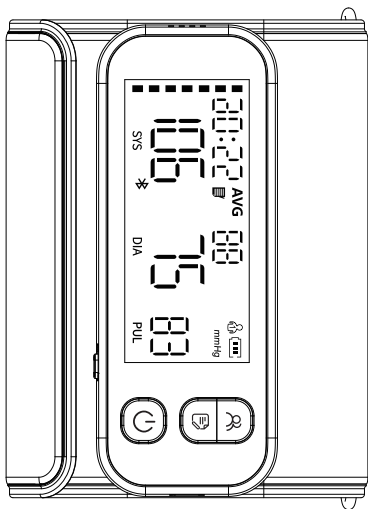


Arm Blood Pressure Monitor

Instruction Manual



Model: ARM-33C
Manual Version:A0
Issue Date: 2023-05

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Thank you for purchasing the Arm Blood Pressure Monitor. The device uses the oscillometric method of blood pressure measurement. It is intended for professional and domestic use in monitoring diastolic and systolic blood pressure and pulse rate.

The device is suitable for use at home, at work, and on vacation. It is also suitable for daily blood pressure checks. The patient is an intended operator, and all the functions can be safely used. This monitor complies with the requirements of ISO 81060-2.

1. Unpacking 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.

















2. Packing List

| No. | Name | Quantity |
|-----|--------------------------------------|----------|
| 1 | Arm Blood Pressure Monitor with Cuff | 1 |
| 2 | Instruction Manual | 1 |
| 3 | Type-C Charging Cable | 1 |
| 4 | Quick Start Guide | 1 |
| 5 | Bluetooth Quick Start Guide | 1 |

3. Symbol Definition

Knowledge of the warning signs and symbols is crucial to the safe and proper use of this device. Kindly get informed on the following signs and symbols which you might encounter within this manual or on the label:

| | |
|---|---------|
|  | Caution |
|---|---------|

| | |
|---|--|
|  | TYPE BF APPLIED PART |
|  | Symbol for the marking of electrical and electronics devices according to Directive 2012/19/EU. |
|  | Refer to instruction manual |
|  | Keep dry |
|  | Low voltage prompt |
|  | Keep away from the sunlight |
|  | Vertical upward |
| IP22 | 2 Protected against solid foreign objects of 12.5 mm Ø and greater ; 2 Protected against vertically falling water drops when enclosure tilted up to 15° |
| RoHS | RoHS mark |
|  | CE mark |
|  | Manufacturer |
|  | Date of manufacture |
|  | Serial number |
|  | Batch code |
|  | Authorized representative in the European Community |
|  | Medical device |
|  | Indicates the entity importing the medical device into the local |
|  | Unique Device Identifier |

4. Product Composition

This device is composed of the main body and cuff.

5. Intended Use / Instructions for Use

The Arm Blood Pressure Monitor 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.

Intended users

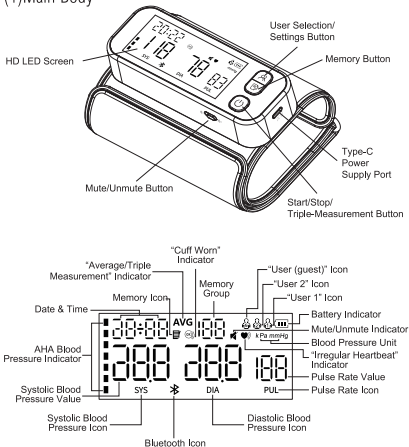
1. Lay person or clinical professionals.
2. can read and understand the user manual.

6. Contraindication

No known contraindication existing.

7. Product Parts

(1) Main Body

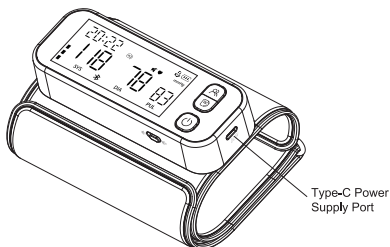


8. Preparation

TYPE-C CONNECTION FOR POWER SUPPLY

To run the device without batteries,

- Insert the Type-C cable into the Type-C power supply port.
- Connect the Type-C cable to a 5V,1A D.C. power supply.



NOTE:

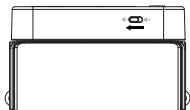
● The Type-C connector is intended to be used as a charging port for the device only.

The adapter used should comply with the requirement of IEC 60601-1 standard, and the specifications must meet the requirements: input: AC 100~240V 50/60 Hz, output: DC 5V 1.0A. Other AC adapter may vary in output voltage and polarities and may represent a risk on your life and damaging the device.

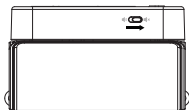
9. Function Setting

(1) VOICE SETTING

Use the toggle switch on the underside of the device to mute or unmute the voice broadcast.






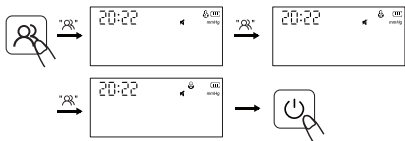
Voice ON



Voice OFF

(2) TO SELECT USER

While the device is on standby, press the “” button once to access the “” interface. Continually tap the “” button to switch between and select the desired user group.










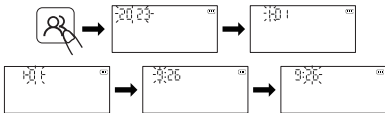
(3) TO SET DATE, TIME AND UNIT

The ARM-33C Arm Blood Pressure Monitor automatically stores the user measurement value alongside the date and time.

Correctly set the date and time of the device before measuring for the first time.

NOTE: The date and time cannot be modified while taking measurements.

1. Long-press the “” button until the “year” value flashes to access the setting interface.
2. Continually press the “” button to set the “year.” Then press the “” button again to save the change and move to the “month” setting.
3. Continually press the “” button to set the “month.” Then press the “” button again to save the change.
4. After the time setting is complete, the device automatically enters the “unit” setting, indicated by a “PR” sign on the screen. Press the “” button to switch between kPa and mmHg, and then press the “” button again to save the change.



10. How to Take Proper Measurements

(1) Preparation before measurement

--Remove all cloths 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

PROCEDURE.
--Measure your blood pressure at about the same time every day.

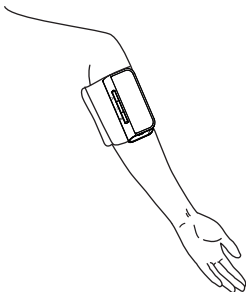
--Do not measure right after physical exercise or a bath. Rest for 20 to 30 minutes before taking the measurement.

--Readings under the conditions listed below may affect results:

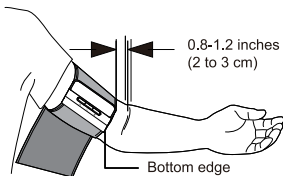
Within an hour after dinner, after having wine, coffee, tea, sports; talking, being nervous, being in unsteady mood, bending forward, moving, room temperature dramatically changing during measuring; inside a moving vehicle, repeated and continuous measuring.

(2) Wearing the Cuff Correctly

1) Unroll cuff. Place your arm inside it. (We strongly recommend to use your left arm.)



2) Make sure that the device's screen is positioned on your inner arm as illustrated in the diagram. The bottom edge of the cuff should be 0.8-1.2 inches (2 to 3 cm) above the inside elbow.



3) Tighten the cuff around your arm, so it can not move around your arm.

Note: Repeated measurement may result in blood congestion in the arm, which will affect the measurement result. Be careful not to rest your arm on the air tube.


To avoid this situation, we advise that you can raise the left hand and hold the fist for several times, or take off the cuff and rest for at least 2-3 minutes before taking the measurement.

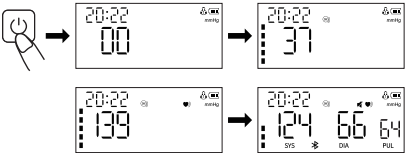
(3) Measurement Tips


- To take a measurement, you need to be relaxed and comfortably seated in a room with a comfortable temperature.
- Sit in a comfortable chair with your back and arm supported.
- Keep your feet flat and your legs uncrossed.
- The device should be placed on your inner arm at the same level as your heart, with the arm resting comfortably on a table.



(4) Taking a measurement

Press the "  " button to initiate measurement and observe the values till measurement is complete. 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






Each measured value is stored automatically under the appropriate "User" group.

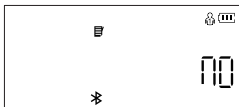
This device can store up to 180 sets of measurements for each user. (Note: There is no memory log for "Guest")
Once the memory log is full, old values are refreshed with new ones.

(6) To use the memory log


While the device is on standby, press the "  " button and the device will display the last 180 results, including the 3 values of the triple measurement. The average value of each triple-measurement set is displayed with "AVG".

(7) Deleting saved measurements

In the standby mode, press the "  " button to select the user group whose measured values need to be deleted. Press the "  " button to power off the device, then press the "  " button to access the memory log and long-press the "  " button for 3 seconds. The stored value will be deleted and is indicated by the "  " icon on the screen instead of digits.




(8) TRIPLE MEASUREMENT MODE

- While the device is on standby, press the “” for 3 seconds to initiate triple measurement mode.
- If the voice broadcast is on, it should announce “triple measurement mode.” The “AVG” icon will blink three times while the device takes the first measurement. The voice broadcast will announce “Attention, please. Kindly remain still and keep the cuff at heart level while the device takes your measurement. Start of Measurement”.



- After the first measurement is complete, the value is displayed for about 5 seconds, and the device takes a 60-second break with a countdown display.
- Once the break is up, the voice broadcast announces “Second phase of the Triple Measurement Mode begins” as the second measurement begins.
- The value is displayed for about 5 seconds, and the device takes a 60-second break, with a countdown display.
- The final and third measurement then begins once the break is up. With the results of all three readings, the device calculates the average blood pressure and heart rate, and the values are displayed on the screen.
- Finally, the results are saved under the “AVG” history in memory mode. Warnings and Cautions

(9) Turn off the unit

Press “” button to turn off the arm blood pressure monitor. The monitor automatically turns off after 1 minutes.

11. Warnings and Cautions

Warnings

- No maintenance or servicing when using.
- Too frequent measurements can cause injury to the PATIENT due to blood flow interference.
- 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 or lymph node clearance.
- Do not use the monitoring ME EQUIPMENT on the same limb simultaneously. This could temporarily cause loss of function or an inaccurate measurement.
- Please check whether the operation of the Arm blood pressure monitor leads to prolonged impairment of patient's blood circulation by observing the limb concerned.
- Please use component (eg. cuff) provided by manufacturer. Otherwise, the measurement accuracy will be affected.
- No modification of this equipment is allowed.
- To avoid strangulation, please keep the air tube and type-C charging cable away from the infants, toddlers and children.
- Do not leave the small parts where children can reach them. Children may swallow them. If a child accidentally swallows them, battery cover, please contact a doctor immediately
- The cuff complies with the requirements of ISO 10993-5, ISO 10993-10, ISO 10993-23. But few sensitive people may have allergies.
- DO NOT use this monitor on an injured arm or an arm under medical treatment.

Cautions

- Do not perform measurements more frequently than necessary. Due to the interference of blood flow, some bruising may occur.
- Maintenance should be done by the manufacturer as suggested.
- 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 for infants, toddlers, children or persons who cannot express themselves.
- DO NOT take medicine based on readings from the device. Contact your physician for specific information about your blood pressure. The patient should not self-diagnose or self-medicate per measured results. Kindly adhere to the instructions of your physician or health provider.
- DO NOT use the device while you are 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.
- Make sure that the cuff is not placed on an arm in which the arteries or veins are undergoing medical treatment, e.g. intravascular access or intravascular therapy, or an arteriovenous (AV) shunt.
- 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.

- Stop using this monitor and consult with your physician if you experience skin irritation or discomfort.
- Consult with your physician before using this monitor if you have severe blood flow problems or blood disorders, because the cuff inflation can cause bruising.
- DO NOT use this monitor for any purpose other than measuring blood pressure and pulse rate.
- 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 or store the monitor outside the manufacturer's specified conditions (extremely high or low temperatures and humidity), as this may affect the performance or cause inaccurate measurements.
- When the performance changes (such as: inaccurate measurement or abnormal display), please stop using it immediately and contact the sales service personnel in time.
- The maximum surface temperature of the product (near motor) is 41.9℃, do not use it continuously for a long time, otherwise it will cause measurement deviation and equipment heating, it is recommended that each measurement interval of several minute.
- Do not operate when charging.

12. Common Q & A on Blood Pressure

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.
- Also, 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 the patient might be using has 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 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.

Q4. Why the blood pressure value measured each time is different?

1) When systole each time, the blood pressure will change to some extent. For example, a person with the pulse of 70 beats per minute will have 100,800 blood pressure changes every day. Because the blood pressure is constantly changing, it is difficult to obtain the correct blood pressure value by measurement only once. Please make measurement for 2~3 times. The first measurement will generally be higher due to nervousness or inadequate preparation, and then when the second measurement, the nervous emotion will be slightly alleviated, so generally, the second measurement will be 5mmHg-10mmHg (0.7kPa-1.3kPa) lower than the first time. This will be more obvious for those with higher blood pressure.

--When continuous measurement, please note that: There might be extravasated blood because the arm is compressed, resulting that the finger tip blood does not flow smoothly. If you continue the measurement in case of extravasated blood, you cannot obtain the correct measured value. Loosen the arm band, raise your hand over the head, and grasp and stretch your left and right palms for 15 times repeatedly. Then the extravasated blood can be dissolved, and you can continue the blood pressure measurement.

2) Cuff position and twining method. The measured value varies with the cuff size. Particularly, if the cuff is twined round the elbow, you cannot obtain the correct measured value.



--Please use the correct cuff twining method for measurement. The arm circumference range of the enclosed cuff is 22~42cm (center of the upper arm). If the model is inconsistent, please purchase separately.

13. Abnormal Phenomena and Handling

If the measurement is abnormal, any of the following symbols may appear. Kindly use the recommended method for measurement.

| Errors | Cause |
|--------|--|
| Er U | The inflation can not reach 30 mmHg in 15 seconds. |
| Er H | The inflation reaches 295mmHg |
| 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 measurement result is abnormal. |
| Er 23 | SYS value reads lower than 60mmHg. |
| Er 24 | SYS value reads higher than 250mmHg. |
| Er 25 | DIA value reads lower than 40mmHg. |
| Er 26 | DIA value reads higher than 195mmHg. |

*Troubleshooting

| Anomaly | Inspection Items | Countermeasures |
|---|--|---|
| Failure to power on | The battery is depleted | Recharge the device till the "  " indicator stops flashing |
| 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 | The airbag of the cuff is ripped | Please contact the dealer to replace with a new cuff. Don't change the cuff by yourself |
|  If the blood pressure still cannot be measured after trying the above-stated solutions, please contact the dealer. Do NOT attempt to disassemble the device by yourself. | | |

14.Cleaning and Disinfection

14.1 Cleaning

The device can be cleaned with a soft, clean cloth dampened with a small amount of neutral detergent or water.

It is suggested to clean the monitor before and after each use. Complete the cleaning in 3min each time. The number of repeated cleaning each time shall not exceed 3 times.

It is suggested to clean once every week. Complete the cleaning in 3min each time.

 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.

14.2 Disinfection

Recommended Disinfecting Agent

75% medical alcohol Steps:

- 1) Carefully wipe the device with a soft, clean cloth dampened with a small amount of the above disinfectant, and dry immediately with a soft, clean, dry cloth.
- 2) The body of the device can also be cleaned with a soft, clean cloth dampened with a small amount of 75% medical alcohol for disinfection.

⚠ Do not disinfect through methods like high-temperature steam or ultraviolet radiation. These might damage the device and reduce its service life.

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 disinfection each time shall not exceed 2 times.

14.3 Disposal

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

Notes

- Do not bend or crease the air tube excessively.
- Do not store the monitor or its components:
 - if the monitor or its parts is wet
 - in locations with extreme temperatures, humidity, direct sunlight, dust, or corrosive gases.
 - in areas with a high risk of vibrations or shocks.

15. Upkeep and Maintenance



Water or neutral detergent



- 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.
- We suggest to calibrate the monitor once a year at least. Please contact manufacturer or agent if you need.

Warning: Do not allow water or other liquids to flow into the device. The arm pressure monitor should not no longer be reused when liquid enter and damage the device and cuff.

16. Specifications

| | | |
|------------------------------------|---------------------------|--------------------------------------|
| Model | ARM-33C | |
| Display | LED Screen | |
| Measuring Method | Oscillometric measurement | |
| Measuring Part | Upper arm | |
| Pneumatic Pressure Measuring Range | 0~295 mmHg (0~39.3 kPa) | |
| Maximum Pressure Protection | 295 mmHg (39.3 kPa) | |
| Measurement Range | Blood Pressure Value | SYS: 60-250 mmHg DIA: 40-195 mmHg |
| | Pulse Rate | 40~199 bpm |
| Accuracy | Blood Pressure Value | ±3 mmHg (±0.4 kPa) |

| | | | |
|--|--|--------------|---|
| | Pulse Rate | ±5% | |
| Memory | It can be used for 3 users (user 1, user 2 and guest mode). 2 users*180 memories and guest mode without memory. | | |
| Power Source | 3.7V rechargeable lithium battery | | |
| Charging Method | Type-C charging port; Charging voltage: d.c. 5V,1A | | |
| Low Battery | When the power is lower than 3.4V, the device will be turned off. | | |
| Dimension | (125 mm x48 mm x 24 mm) (Approximately) | | |
| Screen Size | 75mm (L) x 35 mm (W) (3.2 inches) | | |
| Cuff Size | 22~42 cm (8.6~16.5 inches) | | |
| Weight | About 225g | | |
| Auto Power-off | 1 Minute Without Operation | | |
| Anti Electronic Shock Degree | Type BF | | |
| Protection Against Harmful Ingress of Water or Particular Matter | IP22 | | |
| Service Life | 5 years | | |
| Cuff Service life | 10000 times | | |
| Protection Against Electric Shock | Internally powered supply | | |
| Operating Environment | Temperature Condition | 5°C~40°C | If stored or used beyond the designated temperature and humidity range, it will not be used properly. |
| | Humidity Condition | 15%~90% RH | |
| | Atmospheric Condition | 70kPa~106kPa | |

| | |
|--|--|
| Transportation and Storage Environment | Avoid strong impact, direct impact, exposure or rain during transportation. The device 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 specified power supply should meet the following condition:

Output voltage: DC 5V,

Output current 1000mA

Class II

Comply with IEC 60601-1,

Provide at least two MOOP insulation between ac input and dc output,

Comply with US and Canadian deviation requirements

Essential Performance

1.Measurement Range (Blood Pressure):

SYS: 60-250mmHg

DIA: 40-195 mmHg

Pulse rate: 40-199 bpm

2.Accuracy:

Blood Pressure: ± 3 mmHg (± 0.4 Kpa)

Pulse Rate: $\pm 5\%$

Bluetooth:

Arm blood pressure monitor using Bluetooth 4.2 technology, transmitting and receiving frequencies of 2402-2480MHz, modulation type GFSK, effective radiation power of 2.79dBm.

17. Appendix 1 EMC Information

| Guidance and manufacturer's declaration - Electromagnetic emission | | |
|---|------------|---|
| 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. | | |
| Emissions | Compliance | Electromagnetic environment - guidance |
| RF emissions CISPR 11 | Group 1 | The Arm Blood Pressure Monitor 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 Arm Blood Pressure Monitor is suitable for use in all establishments, including domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes. |
| 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 |
| Electrical fast transient/burst IEC 61000-4-4 | SIP/SOP:1Kv | SIP/SOP:1Kv |
| 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 Conducted RF | 30A/m, 50/60Hz | 30A/m, 50/60Hz |
| IEC61000-4-6 | SIP/SOP: 3 V 0,15 MHz – 80 MHz 6 V in ISM bands between 0,15 MHz and 80 MHz 80 % AM at 2 Hz | SIP/SOP: 3 V 0,15 MHz – 80 MHz 6 V in ISM bands between 0,15 MHz and 80 MHz 80 % AM at 2 Hz |
| Radiated RF IEC61000-4-3 | 10 V/m 80 MHz - 2,7 GHz 80 % AM at 2 kHz | 10 V/m 80 MHz - 2,7 GHz 80 % AM at 2 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 specifications for ENCLOSURE PORT IMMUNITY to RF wireless communications equipment) | Test Frequency (MHz) | Band (MHz) | Service | Modulation | Max. 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 ± 5 kHz 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 | | | | | | | |

Guidance and manufacturer's declaration - electromagnetic Immunity

| Radiated RF IEC61000-4-39 (Test specifications for ENCLOSURE PORT IMMUNITY to proximity magnetic fields) | Test Frequency | Modulation | IEC 60601-1-2 Test Level (A/m) | Compliance level (A/m) |
|--|----------------|--------------------------|--------------------------------|------------------------|
| | 30 kHz | CW | 8 | 8 |
| | 134.2 kHz | Pulse modulation 2.1 kHz | 65 | 65 |
| | 13.56 kHz | Pulse modulation 50 kHz | 7.5 | 7.5 |

Statement: "The ARM-33C of Arm Blood Pressure Monitor was tested according to the recommendations of Technical Report IEC TR 60601-4-2: Medical electrical equipment – Part 4-2: Guidance and interpretation – Electromagnetic immunity; performance of medical electrical equipment and medical electrical systems."

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.
- 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."
- Don't near 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.
- 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, including cables specified by the manufacturer. Otherwise, degradation of the performance of this equipment could result.

Notice:

If users or patients have occurred any serious incident that relation to the device, please report to manufacturer and the competent authority of the Member State in which you are established.

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