ABOUT US

Driven by the passion for innovation, we at Dr Trust endeavour to provide our customers with the latest medical inventions with an objective to promote good health and wellness all around the world. All the medical devices and health monitors provided by Dr Trust are supported by accurate, latest and ground breaking technologies, innovated at our headquarter in NY, USA. All our products adhere to the most stringent CE and FDA guidelines and are strongly recommended by doctors and health practitioners. Our products are designed in the utmost exemplary ways to ensure that their accuracy and convenience are unrivalled. The ease of their use and operation makes them even more suitable for users of all age groups.

Dr Trust strives to enhance the quality of lifestyle by providing with the most trusted and innovative health care and wellness products. Being a renowned global leader in health care products, Dr Trust ensures that our technically efficient team works dynamically and tirelessly to provide the best of the medical devices to our clients. The products that we have to offer are suitably designed for use at homes, laboratories and hospitals.

Our ground breaking solutions allow you to monitor your health in the easiest ways possible. In today's era when all of our lives are too hassled to handle, it becomes a bit difficult to pay attention to our health. But it has now become easier with the coming of the monitoring devices which can be

We bring to you a variety of best self medical devices, trusted and used by Doctors, medical professionals and home users all over the world.

Dr Trust

Blood Pressure Monitor Icheck Afib-119

QUICK STARTUP GUIDE

Step 1

Slide the blood pressure cuff onto your upper arm and secure it so that it sits snugly about one inch above of your elbow.

Step 2

As this device enables you to select either standard mode (standard single measurement) or AFIB mode (automatic twice measurement), you need to select the mode of measurement.

Step 3

Simply push the power button and cuff begins to inflate in all modes.

Step 4

After the cuff fully inflates, air will automatically start flowing back out. Look at the screen to get your blood pressure reading.

Step 5

In standard mode, the monitor automatically determines your blood pressure and pulse rate during inflation and shows on display.

Step 6

If you have chosen AFIB Mode, the symbol appears in the display. It will take a break of 15 seconds between the measurements and afterward average them for final reading.

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1. INTRODUCTION

1.1. Key Features

The blood-pressure monitor automatic upper arm style with MDI, measuring detection in the inflation, (with integrated time/date display) is a fully automatic, digital blood-pressure measuring device for use on the upper arm, which enables very fast and reliable measurement of the systolic and diastolic blood-pressure as well as the pulse frequency by way of the oscillometric method of measurement. The device offers very high and clinical tested measurement accuracy and has been designed to provide maximum of user-friendliness.

1.2. Important Information About Self-Measurement

- Substitution of a different component might result in measurement error.
- Cuff is replaceable only by an original.
- Do not use with neonatal patients.
- It will cause harmful injury to the patient or effect the blood pressure due to connection tubing kinking.
- Too frequent measurements can cause injury to the patient due to blood flow interference.
- The application of the cuff over a wound can cause further injury.
- The application of the cuff and its pressurization on any limb where intravascular access or therapy, or an arteriovenous (A-V) shunt, is present because of temporary interference to blood flow and could result in injury to the patient.
- Do not let the cuff and its pressurization on the arm on the side of a mastectomy.
- The need to check that operation of the automated sphygmomanometer does not result in prolonged impairment of patient blood circulation.

- Not intended to be used together with HF surgical equipment.
- Do not forget, self-measurement means control, not diagnosis or treatment. Unusual values must always be discussed with your doctor. Under no circumstances should you alter the dosages of any drugs prescribed by your doctor.
- The pulse display is not suitable for checking the frequency of heart pacemakers!
- In cases of cardiac irregularity (Arrhythmia), measurements made with this instrument should only be evaluated after consultation with the doctor.

Electromagnetic interference

The device contains sensitive electronic components (Microcomputer). Therefore, avoid strong electrical or electromagnetic fields in the direct vicinity of the device (e.g., mobile telephones, microwave cookers). These can lead to temporary impairment of the measuring accuracy.

2. IMPORTANT INFORMATION ABOUT BLOOD-PRESSURE AND ITS MEASUREMENT

2.1. How does high/low blood-pressure arise?

The level of blood-pressure is determined in a part of the brain, the so-called circulatory center, and adapted to the respective situation by way of feedback via the nervous system.To adjust the blood-pressure, the strength and frequency of the heart (Pulse), as well as the width of circulatory blood vessels is altered. The latter is affected by way of fine muscles in the blood-vessel walls.

The level of arterial blood-pressure changes periodically during the heart activity: During the «blood ejection» (Systole) the value is maximal (systolic blood-pressure value), at the end of the heart's «rest period» (Diastole) minimal (diastolic blood-pressure value). The blood-pressure values must lie within certain normal ranges in order to prevent particular diseases.

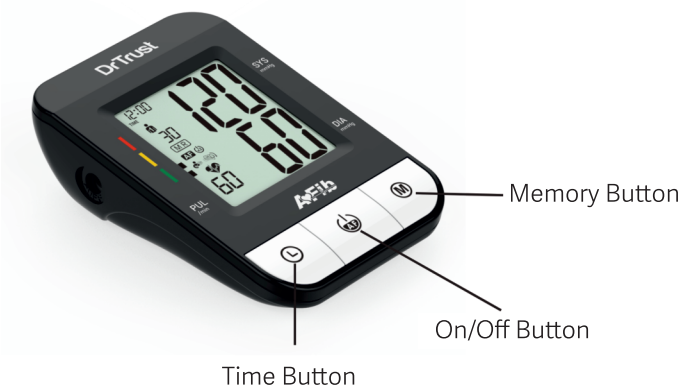
2.2. Which values are normal?

Blood pressure is too high if at rest, the diastolic pressure is above 90 mmHg and/or the systolic blood-pressure is over 160 mmHg. In this case, please consult your doctor immediately. Long-term values at this level endanger your health due to the associated advancing damage to the blood vessels in your body. Should the systolic blood-pressure values lie between 140 mmHg and 160 mmHg and/or the diastolic blood-pressure values lie between 90 mmHg and 100 mmHg, likewise, please consult your doctor. Furthermore, regular self-checks will be necessary.

Table for classifying blood-pressure values (unit: mmHg) according to World Health Organization:

Range	Systolic Blood-pressure	Diastolic Blood-pressure	Measures
Blood pressure optimum	between 100 and 120	between 60 and 80	Self Check
Blood pressure normal	between 120 and 129	between 80 and 84	Self Check
Blood pressure slightly high	between 130 and 139	between 85 and 89	Consult your doctor
Blood pressure too high	between 140 and 159	between 90 and 99	Seek medical advice
Blood pressure far too high	between 160 and 179	between 100 and 109	Seek medical advice
Blood pressure dangerously high	Higher than 180	Higher than 110	Urgently seek medical advice!

3. THE VARIOUS COMPONENTS OF THE BLOOD-PRESSURE MONITOR



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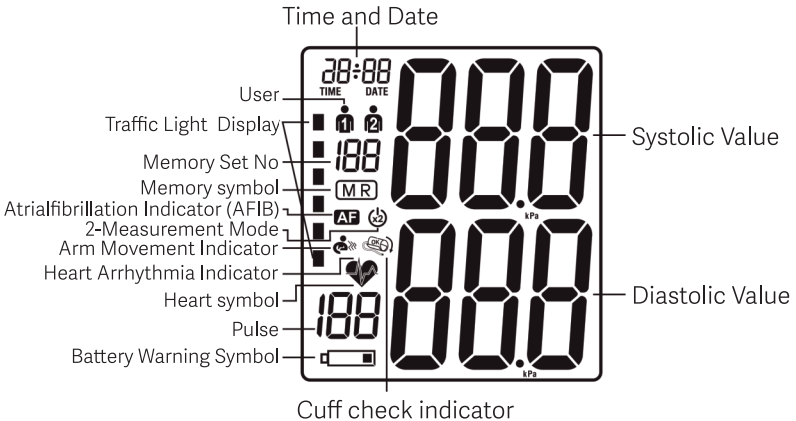


4. PUTTING THE BLOOD-PRESSURE MONITOR INTO OPERATION

4.1. Inserting the batteries

a) Insert the batteries (4 x size AAA1.5V), thereby observing the indicated polarity.

b) If the battery warning icon appears in the display, the batteries remain 20% power to warn user the batteries will be run out.

c) If the battery warning icon appears in the display, the batteries are empty and must be replaced by new ones

⚠Attention

- After the battery warning icon appears, the device is blocked until the batteries have been replaced.
- Please use «AAA» Long-Life or Alkaline 1.5V Batteries. The use of 1.2V Accumulators is not recommended.
- If the blood-pressure monitor is left unused for long periods, please remove the batteries from the device.

4.2. Reading the set date

Please press the TIME button and the date will be shown in the display.

4.3. User selection and setting the time / date

This advanced blood pressure monitor allows you to track blood pressure readings for 2 individuals independently.

User selection: This advanced blood pressure monitor allows you to track blood pressure readings for 2 individuals independently

a) Before measurement, make sure you set the unit for the intended user. The unit can track results for 2 individuals. (User 1, User 2)
b) Press the TIME button for at least 3 seconds. The display now indicates the set user, during which the set user blink, to confirm, press ON/OFF button.
c) Click the MEMORY button to select User.
d) We suggest the first person to take their pressure to be User 1.

Setting the time, date

This blood-pressure monitor incorporates an integrated clock with date display. It stores the blood-pressure values with the exact moment of the measurement. After new batteries have been inserted, the clock begins to run TIME 12:00 and DATE 1-01. You must then re-enter the date and current time. For this, please proceed as follows.

1. Press the TIME button for at least 3 seconds firstly, user icon will blink. Then press TIME button again the display now indicates the set year, during which the four characters blink.
2. The correct year can be entered by pressing the MEMORY button

3. Press the TIME button again. The display now switches to the current date, during which the first character (month) blinks.
4. The corresponding month can now be entered by pressing the MEMORY button.
5. Press the TIME button again. The last two characters (day) are now blinking
6. The corresponding day can now be entered by pressing the MEMORY button.
7. Press the TIME button again. The display now switches to the current time, during which the first character (Hour) blinks
8. The corresponding hour can now be entered by pressing the MEMORY button.
9. Press the TIME button again. The last two characters (Minutes) now blink.
10. The exact time can now be entered by pressing the MEMORY button
11. Press TIME button: the unit of measurement will flash.
12. Press the "MEMORY to set the unit of measurement (mmHg or kPa)
13. Once you have made your settings, press the TIME button (or TIME / DATE or TIME). The setting is confirmed, and the clock starts running.

Further Information

With each press of the button (TIME, MEMORY) one input is made (e.g., switching over from hours to minutes mode, or altering the value by +1). However, if you keep the respective button depressed, you can switch more quickly to find the desired value, respectively.

5. CARRYING OUT A MEASUREMENT

5.1. Before the measurement

- Avoid eating, smoking as well as all forms of exertion directly before the measurement. All these factors influence the measurement result. Try and find time to relax by sitting in an armchair in a quite atmosphere for about ten minutes before the measurement.
- Measure always on the same arm (normally left).
- Attempt to carry out the measurements regularly at the same time of day, since the blood-pressure changes during the day.

5.2. Common sources of error

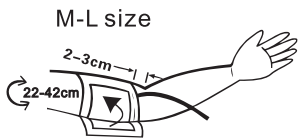
Note: Comparable blood-pressure measurements always require the same conditions! These are normally always quiet conditions.

- All efforts by the patient to support the arm can increase the blood-pressure. Make sure you are in a comfortable, relaxed position and do not activate any of the muscles in the measurement arm during the measurement. Use a cushion for support if necessary.
- The performance of the automated sphygmomanometer can be affected by extremes of temperature, humidity, and altitude.
- Avoid compression or restriction of the connection tubing.
- A loose cuff causes false measurement values.
- With repeated measurements, blood accumulates in the respective arm, which can lead to false results. Correctly executed blood-pressure measurements should therefore first be repeated after a 5-minute pause or after the arm has been held up to allow the accumulated blood to flow away (after at least 3 minutes).

5.3. Fitting the cuff

a) Insert air connector into air outlet shown in left photo and please make sure the fitting of the air connector completely and properly to avoid air leakage.

b) The distance between the edge of cuff and the elbow should be approx. 2~3 cm



c) Secure the cuff with the Velcro fastener, so that it lies comfortably and not too tight, whereby 2-finger space should remain between the cuff and the arm.

d) Lay the arm on a table, with the palm upwards. Support the arm a little with a rest (cushion), so that the cuff rests at about the same height as the heart. Take care, that the cuff lies free. Remain so for 2 minutes sitting quietly, before beginning with the measurement.

e) Let legs uncrossed, feet flat on the floor, back and arm supported.

5.4. Measuring procedure

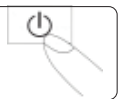
Select the Measuring Mode: Standard Single Mode or AFIB Mode.

This device enables you to select either standard mode (standard single measurement) or AFIB mode (automatic twice measurement).

5.4.1 Measuring in standard mode

After the cuff has been appropriately positioned, the measurement can begin:

a) **Power ON:** Press the ON/OFF button, the pump begins to inflate the cuff.
In the display, the increasing cuff-pressure is continually displayed.

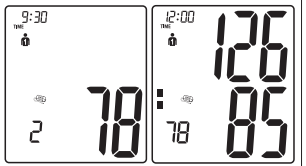


b) **Cuff fitting detection:** The icon will appear and blink during measuring, if cuff is fit too loose. The icon will appear during measuring, if cuff is fit well.

c) **Arm movement detection during measuring:** The icon will appear, if a movement is detected which may influence accuracy. due to the movement not too serious, the measuring can be continuous (if the movement is too serious, Err5 displayed).

d) As the cuff inflates, the monitor automatically determines your ideal inflation level. This monitor detects your blood pressure and pulse rate during inflation.

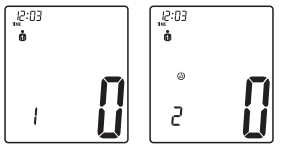
The heartbeat symbol ♥ flashes at every heartbeat. When the device has detected the pulse, the heart symbol in the display begins to blink for every pulse beat. The measured systolic and diastolic blood-pressure values as well as the pulse frequency are now displayed.
Example (Fig.): Systole 126, Diastole 85, Pulse 78



The measurement results are displayed, until you switch the device off. If no button is pressed for 3 minutes, the device switches automatically off, to save the batteries.

5.4.2 Taking Measurement in Afib mode (2-measurement mode)

- In Afib mode, 2 measurements are automatically taken in succession and the result is then automatically analyzed and displayed. Because blood pressure constantly fluctuates, a result determined in this way is more reliable than one produced by a single measurement.
- To press and hold the ON/OFF button about 2 seconds, the symbol appears in the display.
- The middle, left hand section of the display shows a 1, 2 to indicate which of the 2 measurements is currently being taken.



- There is a break of 15 seconds between the measurements.

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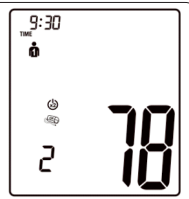
- The individual results are not displayed. Your blood pressure will only be displayed after all 2 measurements are taken.
- Do not remove the cuff between measurements.
- If one of the individual measurements is questionable, a third one is automatically taken.

In the measuring:

As the cuff inflates, the monitor automatically determines your ideal inflation level. This monitor detects your blood pressure and pulse rate during inflation. The Heartbeat Symbol ♥ flashes at every heartbeat. When the device has detected the pulse, the heart symbol in the display begins to blink for every pulse beat.



Measured result:
The measured systolic and diastolic blood-pressure values as well as the pulse frequency are now displayed.

Example 1:
Example (Fig.): Systole 126, Diastole 85, Pulse 78
Cuff fit well.

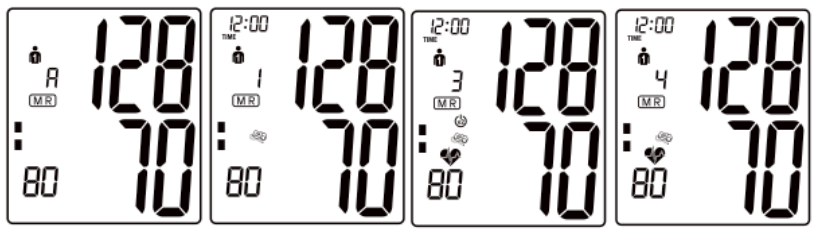
Example 2:
Systole 128, Diastole 70, Pulse 80
arrhythmia detected, AF Afib will appear, cuff fit well.

5.5. Discontinuing a measurement

If it is necessary to interrupt a blood pressure measurement for any reason (e.g. the patient feels unwell), the "ON/OFF" power button can be pressed at any time. The device then immediately lowers the cuff-pressure automatically.

5.6. Memory – storage and recall of the measurements

The blood-pressure monitor automatically stores each of 120 measurement values. By pressing the MEMORY button, an average value of the last 3 measurements as well as the last measurement and the further last 119 measurements can be displayed one after the other.



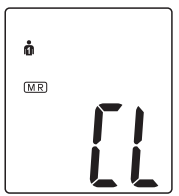
(Average of the last three measurements) (the last measurement) (Values of the measurement before MR1)

5.7. Memory full

Pay attention that the maximum memory capacity is not exceeded. When the memory is full, the old values are automatically overwritten with new ones. When memory is full, the display will show FUL to remind you memory full.

5.8. Memory–cancellation of all measurements Attention!

Before you delete all readings stored in the memory, make sure you will not need refer to the readings later. Keeping a written record is prudent and may provide additional information for your doctor's visit. To delete all stored readings, depress the MEMORY button for at least 5 seconds, the display will show the symbol «CL» and then release the button. To permanently clear the memory, Press the MEMORY button while «CL» is flashing.



6. APPEARANCE OF THE HEART ARRHYTHMIA INDICATOR FOR EARLY DETECTION

This symbol indicates that certain pulse irregularities were detected during the measurement.

In this case, the result may deviate from your normal blood pressure – repeat the measurement. In most cases, this is no cause for concern. However, if the symbol appears on a regular basis (e.g., several times a week with measurements taken daily) we advise you to tell your doctor.

Please show your doctor the following explanation:

Information for the doctor on frequent appearance of the Arrhythmia indicator.

This instrument is an oscillometric blood pressure monitor that also analyses pulse frequency during measurement. The instrument is clinically tested. The arrhythmia symbol is displayed after the measurement if pulse irregularities occur during measurement. If the symbol appears more frequently (e.g., several times per week on measurements performed daily) we recommend the patient to seek medical advice.

The instrument does not replace a cardiac examination but serves to detect pulse irregularities at an early stage.

7. APPEARANCE OF THE ATRIAL FIBRILLATION INDICATOR FOR EARLY DETECTION

This device is able to detect atrial fibrillation (AFIB). This icon AF indicates that atrial fibrillation was detected during the measurement.

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If the AFIB symbol appears after having performed a full blood pressure measurement episode (triplicate measurements), you are advised to wait for one hour and perform another measurement episode (triplicate measurements). If the AFIB symbol appears again, then you are advised to visit your doctor. If after repeated measurement the AFIB symbol is no longer displayed there is no cause for concern. In such case it is recommended to measure again the next day. Keep the arm still during measuring to avoid false readings. This device may not detect atrial fibrillation in people with pacemakers or defibrillators.

8. ERROR MESSAGES /MALFUNCTIONS

If an error occurs during a measurement, the measurement is discontinued, and a corresponding error code is displayed.

Error No.	Possible cause(s)
ERR 1	No pulse has been detected.
ERR 2	Unnatural pressure impulses influence the measurement result. Reason: The arm was moved during the Measurement (Artefact).
ERR 3	The inflation of the cuff takes too long. The cuff is not correctly seated.
ERR 5	The measured readings indicated an unacceptable difference between systolic and diastolic pressures. Take another reading following directions carefully. Contact you doctor if you continue to get unusual readings.
ERR 8	If pressure is over 290mmHg

Further Information

The level of blood-pressure is subject to fluctuations even with healthy people. Important thereby is, that comparable measurements always require the same conditions (Quiet conditions)! If, in spite of observing all these factors, the fluctuations are larger than 15mmHg, and/or you hear irregular pulse tones on several occasions, please consult your doctor. For licensing, the device has been subjected to strict clinical tests, by which the computer program used to measure the blood-pressure values was tested by experienced specialist doctors in Germany. The same computer program is used in every individual device, and has thus also been clinically tested. The manufacture of the devices takes place according to the terms of the European standard for blood-pressure measuring devices (see technical data) You must consult your specialist dealer or chemist if there are technical problems with the blood-pressure instrument. Never attempt to repair the instrument yourself! Any unauthorized opening of the instrument invalidates all guarantee claims!

Other possible malfunctions and their elimination

If problems occur when using the device, the following points should be checked and if necessary, the corresponding measures are to be taken:

Malfunction	Remedy
The display remains empty when the instrument is switched on although the batteries are in place.	1. Check batteries for correct polarity and if necessary, insert correctly. 2. If the display is unusual, re-insert batteries or exchange them.
The device frequently fails to measure the blood pressure values, or the values measured are too low (too high).	1. Check the positioning of the cuff. 2. Measure the blood-pressure again in peace and quiet under observance of the details made under point 5.
Every measurement produces a different value although the instrument functions normally and the values displayed are normal	1. Please read the following information and the points listed under «Common sources of error». Repeat the measurement. Please note: Blood pressure fluctuates continually so successive measurements will show some variability.
Blood pressure measured differs from those values measured by the doctor.	1. Record the daily development of the values and consult your doctor. Please note: Individuals visiting their doctor frequently experience anxiety which can result in a higher reading at the doctor than obtained at home under resting conditions.

8. CARE AND MAINTENANCE, RECALIBRATION

a) Do not expose the device to either extreme temperatures, humidity, dust, or direct sunlight.
b) The cuff contains a sensitive air-tight bubble. Handle this carefully and avoid all types of straining through twisting or buckling.
c) Clean the device with a soft, dry cloth. Do not use petrol, thinners, or similar solvent. Spots on the cuff can be removed carefully with damp cloth and soapsuds. The cuff must not be washed!
d) Do not drop the instrument or treat it roughly in any way. Avoid strong vibrations.
e) Never open the device! Otherwise, the manufacturer calibration becomes invalid!

10. SAFETY CAUTIONS

- This instrument maybe used only for the purpose described in this booklet. The manufacturer cannot be held liable for the damage caused by incorrect application.
- This instrument comprises sensitive components and must be treated with caution. Observe the storage and operating condition described in the “Technical specifications” section!
- Protect it from water and moisture, extreme temperatures, impact and dropping, contamination and dust, direct sunlight, heat and cold.
- The cuffs are sensitive and must be handled with care.

- Only pump up the cuff once fitted.
- Do not use the instrument close to strong electromagnetic fields such as mobile telephones or radio installations.
- Do not use the instrument if you think it is damaged or notice anything unusual.
- If the instrument is not going to be used for a prolonged period, the batteries should be removed.
- Must use the recognized accessories, detachable parts, and materials, if the use of other parts or materials can degrade minimum safety.
- A warning to remove primary batteries if the instruments is not likely to be used for some time.

11. TECHNICAL SPECIFICATIONS

Measurement Procedure:	Oscillometric, corresponding to Korotkoff method: Phase I: systolic , Phase V : diastolic
Display:	Digital display
Measuring range:	Pressure: 30 to 280 mmHg (in 1 mmHg increment) Pulse: 40 to 199 beat/minute
Static accuracy:	SYS/DIA: ±3mmHg / Pulse: ±5% of reading
Measuring resolution:	1mmHg
Inflation:	Automatic inflation by internal pump

Memory function:	2 x 120 memories for 2 users (SYS, DIA, Pulse)
Decompression:	Constant exhaust valve system
Power source:	4- size “AAA” alkaline Batteries
Operation temperature:	5~40°C/41~104°F
Operation humidity:	15%~85%RH maximum
Storage temperature:	-20~+55°C/-4~+131°F
Storage humidity:	10%~95%RH maximum
Dimensions:	135 x 90 x 41 ±1.0 mm
Weight:	372 g±5g (including batteries and cuff)
Cuff pressure display range:	0~290mmHg/0~38.7KPa
Electrical shock protection:	Internal power unit
Safety classifications:	Type BF equipment
Mode of operation:	Continuous operation
Protection against ingress of water:	IP22
Accessories:	M-size Cuff, 4 “AAA” batteries, instruction manual

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12. MANUFACTURER'S DECLARATION

The Icheck Afib-119 is intended for use in the electromagnetic environment specified below. The customer or the user of the Icheck Afib-119 should assure that it is used in such an environment.

Electromagnetic Emissions: (IEC60601-1-2)

Emission Test	Compliance	Electromagnetic Environment
RF emission CISPR 11	Group 1	The Icheck Afib-119 uses RF energy only for internal functions. Therefore, this RF emission is extremely weak and there is little chance of it creating any kind of interference whatsoever with nearby electronic equipment.
RF emissions CISPR 11	Class B	The Icheck Afib-119 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 IEC 61000-3-2	Not applicable	
Voltage fluctuations/ flicker IEC 61000-3-3	Not applicable	

Electromagnetic Immunity: (IEC60601-1-2)

Immunity test	IEC60601-1-2 test level	Compliance level	Electromagnetic environment -guidance
Electrostatic discharge (ESD) IEC 61000-4-2	±6 kV contact ±8 kV air	±6 kV contact ±8 kV air	Floors should be wood, concrete, or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30 %.
Electric fast transient/ burst IEC 61000-4-4	±2 kV for power supply lines ±1 kV for input/output lines	Not applicable	Mains power quality should be that of a typical commercial or hospital environment.
Surge IEC 61000-4-5	±1 kV differential mode ±2 kV common mode	Not applicable	Mains power quality should be that of a typical commercial or hospital environment.

Voltage dips, short interruptions, and voltage variations on power supply input lines IEC 61000-4-11	<5 % UT▯95% dip inUT. ▯ for 0.5 cycle 40 % UT▯60% dip in UT ▯for 5 cycles 70 % UT(30% dip inUT) for 25 cycles <5 % UT▯95% dip inUT▯for 5 sec.	Not applicable	Mains power quality should be that of a typical commercial or hospital environment. If the user of the upper arm style requires continued operation during power mains interruptions, it is recommended that Icheck Afib-119 be powered from an uninterruptible power supply or a battery.
Power frequency (50/ 60 Hz) magnetic field IEC 61000-4-8	3 A/m	Not applicable	Not applicable

Note: UT is the a.c. mains voltage prior to application of the test level.

Immunity test	IEC60601-1-2 test level	IEC60601-1-2 test level	Electromagnetic environment -guidance
Conducted RF IEC 61000-4-6 Radiated RF IEC 61000-4-3	3 Vrms 150 kHz to 80 MHz 80% AM (2Hz) 3 Vrms 80 MHz to 2.5 GHz 80% AM (2Hz)	3 Vrms 3 V/m	Portable and mobile RF communications equipment should be used no closer to any part of Afib Talk, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter. Recommend separation distance 3V d = 1.2×p1/2 80Mhz to 800 MHz d = 2.3×p1/2MHz to 2.5 GHz Where Pis the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and d is the recommended separation distance in meters (m). Field strengths from fixed RF transmitters as determined by an electromagnetic site surveya, should be less than the compliance level in each frequency rangeb . Interference may occur in the vicinity of equipment marked with the following symbol:

Note1: At 80 MHz and 800 MHz, the higher frequency range applies.

Note2: These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects, and people.

a) Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the Icheck Afib-119 is used exceeds the applicable RF compliance level above, the Icheck Afib-119 should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as reorienting or relocating the Icheck Afib-119.

b) Over the frequency range 150 kHz to 80MHz, field strengths should be less than 3 V/m.

Recommended Separation Distances:

Recommended separation distance between portable and mobile RF communications equipment and the Icheck Afib-119

The Icheck Afib-119 is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the Icheck Afib-119 can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the Icheck Afib-119 as recommended below, according to the maximum output power of the communications equipment.

Rated maximum output power of transmitter (W)	150 kHz to 80 MHz d = 1.2×p1/2	80 MHz to 800 MHz d = 1.2×p1/2	Separation distance according to frequency of transmitter m 800 MHz to 2.5 GHz d = 2.3×p1/2
0.01	0.12	0.12	0.23
0.1	0.38	0.38	0.73
1	1.2	1.2	2.3
10	3.8	3.8	7.3
100	12	12	23

For transmitters rated at a maximum output power not listed above, the recommended separation distance d in meters (m) can be determined using the equation applicable to the frequency of the transmitter, where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer.

Note1: At 80MHz and 800MHz, the separation distance for the higher frequency range applies

Note2: These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

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