# Upper Arm Electronic **Blood Pressure Monitor**

Model: U85E



# **Instruction Manual**

### Safety Information

■ To assure the correct use of the product, basic safetymeasures should always be followed including the warning and the caution listed in the instruction

The following symbols may appear in this manual, on the label, on the device, or on it's accessories. Some of the symbols represent standards and compliances associated with the device

▲ WARNING: This alert identifies hazards that may cause serious personal injury or death.

▲ CAUTION: This alert identifies hazards that may cause minor personal injury, product damage, or property damage.

★ Type BF applied part

Manufacturer

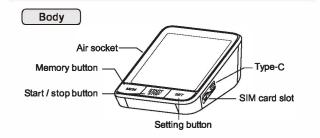
SN Specifies serial number

Authorized Representative in the European Community

DISPOSAL: Do not dispose this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary.

Follow instructions for use

### **Product structure**



Display 888 Systolic blood pressure Blood pressure 888 classification Diastolic blood pressure Bee **1188** ™ Memory times -Pulse rate Irregular heartbeat

Cuff size and connection

The accessories cuff is universal size, for upper-arm circumference 22-42 cm use. The cuff is treated as the applied part.

Insert the connector with cuff tube into the hole which is on the left side of the device as picture. (Only provided cuff can be used, can not

change to any other branded cuff.)

### Setting mode

4. Insert the other side of the adapter into the outle

with 100-240V

5. To remove the AC adapter, disconnect the adapter plug from the outlet first and then disconnect the cord from the unit's socket

Adapter technical features: Output voltage: Type-C 5V±5% Max.output current: At least 600 mA



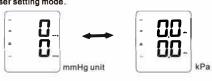
· When use AC adapter, the power of battery won't be consumed. · When suddenly stop during measurement (like the plug off from the outlet by carelessness), it must be reinserted the plug into the unit, and restart the measurement.

### How to set

1. Start to set, Unit setting:

Press the SET button when power off, 0 or 0.0 will be displayed, then the setting begin.

Continute to above step, the unit will be changed when press the MEM button each time. Press the SET button to confirm the unit, then it will enter nto the User setting mode



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### Proper use of the unit

Measurement Pre-measurement

 Relax for about five to ten minutes prior to the measurement Avoid eating, drinking alcohol, smoking, exercising and bathing for 30 minutes before taking a measurement. All these factors will influence the measurement resul

• Remove any garment that fits closely to your upper arm.

• Always measure on the same arm(normally left). • Take measurement regularly at the same time of every day, as blood pressure changes even during the day.

Common factors of wrong measurement

• All efforts by the patient to support their arm can increase

• Make sure you are in a comfortable, relax position and do not activate any of the muscles in the measurement arm during measurement. Use a cushion for support if necessary.

• If the arm artery lies lower or higher than the heart, a false reading will be obtained.

Only use clinically approved cuffs!

A loose cuff or a exposed bladder causes false reading.

 With repeated measurements .blood accumulates in the arm which can lead to false reading.

Consecutive blood pressure measurements should be

repeated after 1 minute pause or after the arm has been held up in order to allow the accumulated blood to flow away.

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# 2

# Safety Information

Those who have arrhythmia, diabetes, blood circulation or apoplexy problem, please use under the physician's

⚠ Contact your physician for specific Information about your blood pressure. Self diagnosis and treatment which use measured results may be dangerous. Follow the instructions of your physician or licensed healthcare

A Please place on a high place where children can't be

A No modification of this equipment is allowed. ▲ Do not modify this equipment without authorization of the

⚠ If this equipment is modified, appropriate Inspection and testing must be conducted to ensure continued safe use of

⚠ The cuff hose around neck may cause the suffocation.

The swallowing of small part like packaging bag, battery, battery cover and so on may cause the suffocation

⚠Please don't use a dilution agent, alcohol or petrol to clean the unit. Please don't hit heavily or fall down the product from a high place. Use the right cuff, otherwise it can not

⚠Do not replace or remove the battery from device (in the case of device with rechargeable lithium battery). ⚠Do not use a cellular phone near the unit. It may result in

⚠Please avoid using in high radiant area in order to make your measuring data correctly.

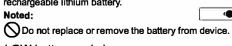
# **Battery installation**

SIM card installation

Battery installation

The device is equipped with 1pc 3.7V 1000mAh rechargeable lithium battery.

Remove the battery cover from the battery compartment, the SIM card slot is on the right side (as picture shown). Insert SIM card into the slot in accordance with direction " and chip side down.



LOW battery and charge When power on, the low battery symbol will be displayed once the device starts. Plug in the device using the included USB cable to charge. Take the USB cable and connect it to the charger (charge connector) or to your USB port on your computer or power bank. Connect the end of

the round tip to the USB socket of device Noted: the lithium battery could be used for about 70 times when charge is full. Charge time is 4-6 hours.



- 10000 -

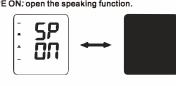
During charging when power off, the LCD will shows the blood pressure bars on the left side from one bar to six bars in a continuous loop. And unmoved 6 bars along with the battery symbol will be displayed once battery is full, as picture shown.



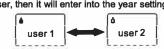
# Setting mode

# 2. Speaking setting

Continute to above step, the screen will display SPEOFF or SPEON, press the MEM button and it will change between SPE OFF and SPE ON, press the SET button to confirm the option. Following this, the device will enter into the User setting mode. Remark: SPE OFF: close the speaking function. SPE ON: open the speaking function.

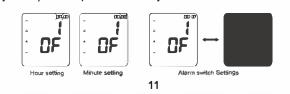


Continue to above step, the screen will display a or a, press button MEM, it will be changed between and , press button SET when you confirm the user, then it will enter into the year setting mode.



4. Alarm clock Setting

The screen will display the alarm time Settings XX:XX and alarm 1(there are three alarms by default). Press THE MEM key to adjust the time and press the SET key to confirm. After that, the device automatically switches to the alarm switch setting screen and displays "OF" (the alarm is disabled by default). You can press the MEM key to turn the alarm on or off.



### Proper use of the unit

## Fitting the cuff

1) Put the cuff on a table flatly with the velcro side down. Pass the end of the cuff through the netal loop so that a circle is formed. The velcro closer will now be facing outwards (ignore this step if the cuff has already been prepared)

2). Push the cuff over the left upper arm so that the tube points in the direction of the lower arm.

3). Wrap the cuff on the arm as illustrated. Make certain that the lower edge of the cuff lies approximately 2 to 3 cm above the elbow and the rubber tube leaves the cuff on the inner side of the arm.

4). Tighten the free end of the cuff and close the cuff by affixing the velcro.

5). The cuff should be snug on your upper arm so That you can fit 2 fingers between the cuff and your upper arm. Any piece of clothing restricts the arm which must be taken off.

6). Secure the cuff with the velcro closer in such a way that it lies comfortably and not too tight. Lay your arm on a table (palm upwards) so that the cuff is at the same height as the heart. Do not bend the



If it is not possible to fit the cuff to your left arm, it can also be placed on the right, However, all measurements should be made using the same arm.



# Introduction

▲ Your new digital blood pressure monitor uses the oscillometric method of blood pressure measurement. This means the monitor detects your blood's movement through your brachial artery and converts the movements into a digital reading. An oscillometric monitor does not need a stethoscope, so the monitor is simple to

▲ Intelligent inflation will reduce the uncomfortable feeling by incorrect inflation, and shorten the measurement time, prolong the cuff's usage lifetime.

▲ 2x90 sets memory function,each measurement result will be displayed on the screen, and automatically stored. This unit has blood classification index, could easy to check your classification index, could easy to check your

▲ Please read the manual carefully before you use the unit, and keep the manual well after using.

# CONTRAINDICATION

This product can't be used in patients who is with severe heart insufficiency to avoid suffocation and death.

This product is not suitable for infants and children.

# INTENDED USE

This automatic blood pressure monitor intends to measure the systolic pressure, diastolic pressure and pulse rate through upper arm. It's expected to be used at home or in the hospital, intended for people over 12 years old.

Safety Information

operational failure.

⚠ Do not use the equipment where flammable gas (such as anesthetic gas, oxygen or hydrogen) or flammable liquid (such as alcohol) are present.

Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities. Contact you local government for information regarding the collection systems available. If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.

# Classification

Internally powered equipment;
 Type BF applied part;

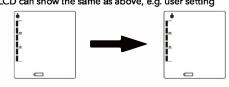
B. Protection against ingress of wateror Particulate matter:IP21;
B. Not category AP / APG equipment;

The user must check that the equipment functions safely and

see that it is in proper working condition before being used.

# **Battery installation**

If the device under setting mode and battery charging in the same time, LCD can show the same as above, e.g. user setting



**M** WARNING: Dispose of the battery in accordance with all federal, state and local laws. To avoid fire and explosion hazard, do not burn or

Adapter usage (option) 1. When optional AC adapter should comply with the requirement of IEC 60601-1:2005. Furthermore all configurations shall comply with the requirements for medical electrical systems (see IEC 60601-1-1 or clause 16 of the 3Ed. of IEC 60601-1, respectively). Anybody connecting additional equipment to medical electrical equipment configures a medical system and is the refore responsible that the system complies with the requirements for medical electrical systems. Attention is drawn to the fact that local laws take priority over the above mentioned requirements. If in doubt, consult your local representative or the technical service department, 2. When using AC power, to avoid possible damage to the monitor, use only the exclusive AC adapter that can be purchased from authorized dealers. Other adapters may vary in output voltage and polaritles. 3. Insert the adapter plug into the hole on the packside of the unit as picture.

# Setting mode

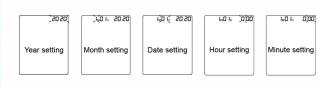
Continue to above step, the screen will display and flash 20XX, the last digit of the year will increase 1 when press button MEM each time, you could choose from 2022 to 2099 Press button SET when you confirm

# 6. Month and date setting

Continue to above step, the screen will display xxMxxD and xxxx, and keep flashing on month, the digit will increase 1 when press button MEM each time, you could choose from 1 to 12. Press button SET when you confirm the month, then it will set the date. Same as the month setting, each time you press button MFM, the digit will keep changing from 01 to 31. Press button SET when you confirm the date, then it will enter into

# 7. Time setting

Continue to above step, the screen will display xxMxxD and xx:xx, and keep flashing on the digits of hour, the digit will increase 1 when press button MEM each time, you could choose from 0 to 23. Press button SET when you confirm the hour, then the digits of minute start to flash. same as the hour setting, each time you press button MEM the digits will keep changing from 00 to 59. Press button SET when you confirm the minute, then the total setting mode is completed.



# Proper use of the unit

**Measuring Procedure:** 

After the cuff has been appropriately positioned, the measurement can begin as follows: 1.Press the START/STOP button, all symbols appear on the display, then the pump begins to inflate the cuff, the rising pressure in the cuff is shown on the

olsplay.

2.After the suitable pressure has been reached, the pump stops and the pressure gradually falls. The cuff pressure is displayed. In case that the inflation is not sufficient, the device automatically re-inflates to a higher pressure.

3. When the device detects the signal, the heart symbol on the display starts to flash. 4. When the measurement has been completed,

the systolic, diastolic and pulse rate will



150.

appear on the display Note: The symbol  $\mbox{\rlap/--}\hspace{-0.04cm}/\hspace{-0.04cm}/\hspace{-0.04cm}$  will be displyed along with the reading if the irregular heartbeat

Remark: Once finish the measurement, the device it will upload the dada to the background server automatically with showing two rotating signal bar in the top right corner of LCD (as Pic 1). If Err is displayed (as Pic 2), the upload failed. Upload failure displays Er5 (as Pic 3),

indicating that no SIM card is detected. LCD displays nd (as Pic 4) after successful uploading, and automatically shuts down after 5 seconds. 1 18. 18. 78 78. nd 80 80 80

# Discontinuing a measurement

If it is necessary to interrupt a blood pressure measurement for any reason(eg. the patient feels unwell) the START/STOP button can be pressed at any time. The device

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## About blood pressure

### Memory-recall ofmeasurements

This blood pressure monitor automatically stores 2x90 sets measurements value, the oldest record will be replaced by the latest measurement value when there are more

## Read memory record

Press the button MEM when power off, the latest 3 times average value will be shown, press the button MEM again, the last measurement value will be shown, as button MEM each time.



### Memory - clear of measurements

If you are sure that you want to permanently remove all stored memories. Press the button SET for 18 times until CL appears when power off, press the START/STOP button, CL will flash for 3 times to clear all the memories. After this press button MEM, M and "no" will be shown on the display which mean that no memory in store.

### Check IMEI details

After long pressing the MEM button for 5 seconds in the shutdown state, a bouncing bar "-" will appear in the upper right comer of the screen for about 2 seconds, and then the IMEI number of the device will be displayed on the screen. Press the



### **Exceptional Situation**

### Error indicators

The following symbol will appear on the display when measuring abnormal.			
Symbol	Cause	Correction	
E- (	Weak signal or pressure change	Wrap the cuff properly.	
E - 1	suddenly	Remeasure with correct way.	
E-2	External strong	When near cell phone or other high radiant device, the measurement will be failed.	
disturbance		Keep quite and no chatting when measure,	
	It appears error	Wrap the cuff properly.	
E-3	during the process of	Make sure that the air plug is properly inserted in the unit.	
inflating		Remeasure.	
5-5	Abnormal	Repeat the measurement after relax for 30 mins, if gr	

Low battery

E-5

Problem	Check	Cause and solutions	
No power	Check the battery power	Charge the battery	
	Whether the plug insert	Insert into the air socket tightly	
No Inflation	Whether the plug broken or leak	Change a new cuff	
Err and stop working	Whether move the arm when inflate	Keep the body peaceful	
err and stop working:	Check if chatting when measured	Keep quite when measure	
Cuff lands	Whether the cuff wrap too loose	Wrap the cuff tightly	
Cuff leak	Whether the cuff broken	Change a new cuff	
Please contact the unit by yourself!	distributor if you can't solve the	problem, do not disassemble the	

blood pressure unusual readings for 3 times, please contact your doctor

Connect the USB cable and charger to charge the

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## **Warranty information**

- The intended use: the unit is intended to be used by adults at home or medical center to measure blood pressure and pulse rate from the upper arm.
- The unit satisfies the requirements of EN ISO 81060-1 Part 1 Noninvasive sphygmomanometers, EN 1060-3:1997+A2:2009 Non-invasive sphygmomanometers. IEC80601-2-30 Part 2 Non-invasive
- Blood pressure measurements determined with this device are equivalent to those obtained by a trained observer using the cuff/stethoscope auscultatory method, within the limits prescribed by the American National Standard, manual, electronic, or automated sphygmomanometers
- The risk of patient and user can be lowered to acceptable level.

### **Warranty Information**

- The unit is guaranteed to be free of defects in workmanship and materials under normal use for a period of Five Years from the date listed on the purchase record.
- For repair under this warranty. Our authorized service agent must be advised of the fault with the period of the warranty. This warranty covers parts and labor only under normal operations. Any defect resulting from natural causes, eg. flood, hurricane etc, is not within this guarantee. This guaranty does not cover damage incurred By use of the unit not in accordance with the instructions, accidental damage, or being tampered with or serviced by unauthorized service
- Monitor subjected to misuse, abuse, and neglect of these manual content, non-instructional purposes; unauthorized repair or modifications will be excluded from this warranty.
- The device requires no calibration.
- The device is not repairable and contains no user serviceable parts.

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### **EMC Declaration**

**EMC Declaration** 

Immunity Test	IEC 60601-1-2 Test level	Compliance level	
Electrostatic discharge (ESD) IEC 61000-4-2	±8 kV contact ±2 kV, ±4 kV, ±8 kV, ±15 kV	±8 kV contact ±2 kV, ±4 kV, ±8 kV ±15 kV air	
Electrical fast transient/burst IEC 61000-4-4	Power supply lines; ±2 kV 100 kHz repetition frequency	Power supply lines; ±2 kV 100 kHz repetition frequency	
Surge IEC 61000-4-5	line(s) to line(s): ±0.5kV ±1 kV.	line(s) to line(s): ±0.5kV ±1 kV.	
Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	0% 0.5 cycle At 0°, 45 °, 90 °, 135 °, 180 °, 225 °, 270 ° and 315 ° 0% 1 cycle And 70% 25/30 cycles Single phase: at 0 0% 250 cycle (50Hz)	0% 0.5 cycle At0°, 45°, 90°, 135°, 180°, 225°, 270° and 315 0% 1 cycle And 70% 25/30 cycles Single phase: at 0 0% 250 cycle (50Hz)	
Power frequency magnetic field IEC 61000-4-8	30 A/m 50Hz/60Hz	30 A/m 50Hz/60Hz	
Conduced RF IEC61000-4-6	150KHz to 80MHz: 3Vrms 6Vrms (in ISM and amateur radio bands) 80% Am at 1kHz	150KHz to 80MHz : 3Vrms 6Vrms (in ISM and amateu radio bands) 80% Am at 1kHz	
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	

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# Upper Arm Electronic Biood Pressure Monitor

Manufacturer
Shenzhen Urion Technology Co.,Ltd.
Floor 4-8th of Building D, Jiale Science&Technology Industrial
Zone, No.3, ChuangWei Road, Heshulikou Community, MaTian
Street, GuengMing New District, 518106 Shenzhen, PEOPLE'S
REPUBLIC OF CHINA
Tel:(86)-755-29231308 E-mail:urion@urion.com.cn
MADE IN CHINA

ECREF Eu representative Shanghai International Holding Corp. GmbH (Europe) Eiffestrasse 80, 20537 Hamburg, Germany Tel:+49-40-2513175



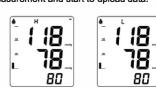


Rev.00

## About blood pressure

## Signal StrengthIndIcator

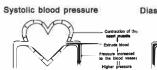
H means signal is strong, L means signal is weak, These marks will appear after finishing measurement and start to upload data.

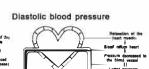


## About blood pressure

Blood pressure is the pressure exerted the arteries. The systolic blood pressure value represents the blood pressure produced by contraction of the heart muscle.

The diastolic blood pressure value represents the blood pressure produced by relaxation of the heart muscle,





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### Care and maintenance

Care for the main unit and blood pressure monitor cuff Keep the unit in the storage case when

 Clean the unit with soft dry cloth. Do not use any abrasive or volatile

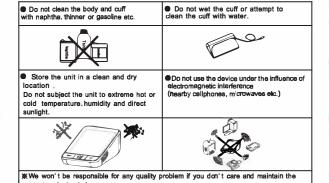
Never immerse the unit or any

 Make sure the monitor is off prior to cleaning, a mixture of disti water and 10 percent bleach could be used.

Using a spray bottle, moisten a soft cloth towel with the bleach or detergent mix until it is fully saturated. Squeeze any excess moisture from the cloth to avoid any dripping or potential oversaturation of the

Wipe all surfaces of the blood pressure monitor cuff thoroughly, making sure to clean the inside and outside of the cuff. Be cautious not to get any moisture in the main unit.
 Using a dry cloth, gently wipe away any excess moisture that may remain on the blood pressure cuff. Lay the cuff flat in an unrolled position and allow the cuff to airdry.

# Maintenace



## **EMC Declaration**

IEC 60601-1-2: 2014 ME EQUIPMENT and ME SYSTEMS identification, marking and documents for Class B product

The ME EQUIPMENT or ME SYSTEM is suitable for home healthcare environments and so on. Warning: 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. 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

Warning: Use of accessories, transducers and cables other than those specified or provided by the manufacturer of this equipment could result in increased electromagnetic emissions or decreased electromagnetic immunity of this equipment and result in improper operation." Warning: Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm (12 inches) to any part of the blood pressure monitor, including cables specified by the manufacturer. Otherwise, degradation of the performance of this equipment could

If any: A list of all cables and maximum lengths of cables (if applicable), transducers and other ACCESSORIES that are replaceable by the RESPONSIBLE ORGANIZATION and that are likely to affect compliance of the ME EQUIPMENT or ME SYSTEM with the requirements of Clause 7 (EMISSIONS) and Clause 8 (IMMUNITY). ACCESSORIES may be specified either generically (e.g. shielded cable, load impedance) or specifically (e.g. by MANUFACTURER and EQUIPMENT OR TYPÉ REFERENCE).

If any: The performance of the ME EQUIPMENT or ME SYSTEM that was determined to be ESSENTIAL PERFORMANCE and a description of what the OPERATOR can expect if the ESSENTIAL PERFOR-MANCE is lost or degraded due to EM DISTURBANCES (the defined term "ESSENTIAL PERFORMANCE" need not be used).

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Guld	ance and	manufactur	er's declaration -	electromagn	etic im	munit	у
Radiated RF IEC61000- 4-3 (Test	Test Freque ncy (MHz)	Band (MHz)	Servica	Modulatio n		Dist ance (m)	IMMUNI TY TEST LEVEL (V/m)
specifications for ENCLOSU RE PORT IMMUNITY to RF wireless communications equipment)	385	380 - 390	TETRA 400	Pulse modulation 18 Hz	1,8	0.3	27
	450	430 - 470	GMRS 460, FRS460	FM ± 5 kHz deviation 1 kHz sine	2	0.3	28
	710 745 780	704 – 787	LTE Band 13, 17	Pulse modulation 217 Hz	0,2	0.3	9
	810	800 – 960	GSM 800/900,				
	870 930		TETRA 800, iDEN 820, CDMA 850,	Pulse modulation 18 Hz	2	0.3	28
	1720		LTE Band 5 GSM 1800:				
	1845	1700 – 1990	CDMA 1900; GSM 1900:	Pulse modulation 217 Hz	2	0.3	28
	1970		DECT; LTE Band 1, 3, 4, 25; UMTS				
	2450	2400 – 2570	Bluetooth, WLAN, 802.11 b/g/n, RFID 2450, LTE Band 7	Pulse modulation 217 Hz	2	0.3	28
	5240	,		Pulse			
	5500	5100 – 5800	- WLAN 802.11 a/n	modulation	0,2	0.3	9
	5785	]		217 Hz			

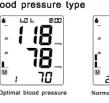
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# About blood pressure

■According to the blood pressure classification by the WHO/ISH. ■ SYS lower than 100mmHg (13.3kPa) is considered as hypotension.

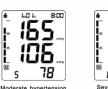
Mild hypertensio High normal value Normal blood pressur Optimal blood pressu (target value) 120 130 140 160 180

■ Blood pressure type



93.





18



135

88.

₃ 75 J

# Specification

Software version UA1.0

roduct es instructed:

Automatic upper arm blood pressure monitor			
LCD digital display			
Oscillometric method			
Upper arm			
Pressure	0~299mmHg		
Pulse	40~199 pulses/min		
Pressure	±3mmHg		
Pulse	±5% of reading		
Pressure	3 digits display of mmHg		
Pulse	3 digits display		
symbol	Memory/Heartbeat/Low battery		
2x90 sets memory of measure ment values			
1pc 3.7V 1000mAh rechargeable lithium battery			
in 3 minutes			
Approx.273g(batteries not included)			
130mm*95mm*47mm			
10,000 times under normal use			
Could be used for about 70 times when charge is full			
Cuff, instruction manual, lithium battery, USB cable			
Temperature	5°C~40°C		
Humldity	15%~93%RH		
Air pressure	86kPa~106kPa		
Air pressure:86kPa~106kPa; Temperature:-20°C~55°C; Humidity:10%~93%RH; avoid crash.sun burn or rain during transportation			
	Five years		
	LCD digital displa Oscillometric meti Upper arm Pressure Pulse Pressure Pulse Pressure Pulse symbol 2x90 sets memory 1pc 3.7V 1000mA in 3 minutes Approx.273g(batt 10,000 times unde Could be used for Cuff, instruction m Temperature Humldity Air pressure:86kP Temperature:-2004		

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# **EMC Declaration**

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

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

# **FCC Statement**

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the Instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.
-Increase the separation between the equipment and receiver. -Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for help.

# **FCC RF Exposure Information and Statement**

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

environment, this device should be installed and operated with minimum distance 6.5cm between the radiator and your body.