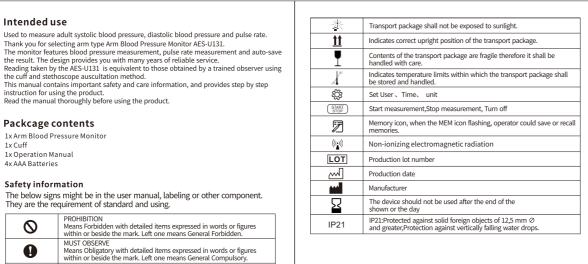


User Manual

Arm Blood Pressure Monitor Model: AES-U131



CAUTION ⚠

(F)

Resting for 5 minutes before measuring. Wait at least 3 minutes between measure recover. For a meaningful comparison, to take daily measurements at approximate

Start the Measurement

(S:00)

• Select the user n or n

START STOP

This device is intended for adult use only.

This device is intended for no-invasive measuring and monitoring of arterial blood pressure. It is not intended for use on extremities other than the arm or for functions other than obtaining a blood pressure measurement.

Do not confuse self-monitoring with self-diagnosis. This unit allows you to monitor your blood pressure. Do not begin or end medical treatment based solely on this measurement. Consult your physician for treatment advice.

If you are taking medication, consult your physician to determine the most appropriate time to measure your blood pressure. Never change a prescribed medication without consulting your physician.

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· Press the Start/Stop to turn off, or it will turn off automatically within 1 minute.

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Specification

Power supply	DC 6V, 4*AAA batteries
Type-c power supply	DC 5V, 1A
Measurement Method	Oscillographic mode
Measurement range	Pressure: 0 ~ 39 kPa (0 ~ 290 mmHg) Pulse value:(40~199)Times/min
Accuracy	Pressure: ±0.4kPa (±3mmHg), Pulse value:±5%
Memory	2 X 90
Operate Condition	Temperature:5°C~40°C,RH:15%~80%, Pressure: (70~106) kPa
Storage & transportation Condition	Temperature:-20°C~+55°C,RH:15%~93%, Pressure: (70~106)kPa
Weight	About 238g
Product Dimension	129*114*71mm
Arm circumference	22-42 cm
Product life	5 years

This unit is not suitable for continuous monitoring during medical emergencies or operal if the cuff pressure exceeds 40 kPa (300 mmHg), the unit will automatically deflate. Shou cuff not deflate when pressures exceeds 40 kPa (300 mmHg), detach the cuff from the a and press the Start/Stop button to stop inflation.

To avoid measurement errors, carefully read this manual before using the product. The equipment is not AP/RPG equipment and not suitable for use in the presence of a flammable anesthetic mixture with air of with oxygen or nitrous oxide.

The operator shall not touch output of AC adapter and the patient simultaneously.

To avoid measurement errors, please avoid the condition of strong electromagnetic field

3

① Blood Pressure Level Indication **10 ma8**/88 —⊗ ® Time Icon (Low Battery Symbol M High Pressure Value(Systolic Pressure) N Low Pressure Value(Diastolic Pressure) O Number of User Groups Cuff Detection Heartbeat Icon R Pulse Rate Display

108: 108: 68.



Delete single record

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58°,

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 $\begin{array}{l} \textbf{CAUTION} \; \Delta \\ \text{The most recent (a) is shown first. Each new measurement is assigned to the first (1) record. All other records are pushed back one digit (e.g., 2 becomes 3, and so on), and the last record (90) is dropped from the list.$

8

Replace the batteries in following conditions

- Slide off the battery cover.
 Install the batteries by matching the correct polarity. (4*AAA)
 Replace the cover.



The is flashing.
The display dims.
The display does not light up.

Know Your Unit

Please take out the battery if you do not use the product for a long time. Please refer to the relevant laws and regulations for the disposal of waste batteries. Do not mix old and new batteries. Do not mix alkaline, standard (carbon-zinc), or rechargeable (Ni-Cd, Ni-MH, etc) batteries.

9

备注:成品尺寸: 80*105mm

Intended use

(3)

∱

 \triangle X

IMPLICATION OF SYMBOL Type-BF applied part.

Do not roll

Caution: Consult accompanying documents.

Transport package shall be kept away from rain.

2~3cm(1inch)

These situations could lead to higher blood pressure values due to strain or the arm cuff being lower than the heart

6

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

部门	签 名 栏		修 改 记	,录		文件	编号	W-YF-02761	物料	编号	40. U1310C2SN11
销售:		标记	修改内容	修改人	日期	图纸	名称	三诺-U131-说明书(UB4)	型	号	AES-U181
		Λ				设	计	罗雪莲	材	料	80g书写纸,折页,双面印刷
法规:						审	核		比	例	1:1
项目:						批	准		单	位	ММ
研发:						版	本	A01			2020-05-19
1)// 及。						<u>ئەرى</u>	2 +111	十五子 自	三厅	中日	
BOM:						<i>汴</i>	기	中 友 丛 月	达	15 t.	股份有限公司



It can cause incorrectness if the measurement are taken in the following circumstances.





When you want to discharge urine





In a very cold enviroment

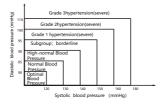
Maintenance

In order to get the best performance, please follow the below instructions:

Avoid intense shaking or dropping	,
Please do not repair it by yourself	
Avoid twist the cuff	
Use mild wed cloth to remove the dirty	
Avoid dusty and unstable temperature environment	○
Take off batteries if not use it for a long time	1, 000
Please do not turn on the unit when cuff is not tied	

What is the standard blood pressure classification?

Below illustrates the blood pressure classification mode by World Health Organization (WHO) and International Society of Hypertension (ISH) in 1999:



Blood Level Pressure(mmHg)	Optimal	Normal	High- normal	Mild	Moderate	Severe
SYS	<120	120~129	130~139	140~159	160~179	≥180
DIA	<80	80~84	85~89	90~99	100~109	≥110

CAUTION

Only a physician can tell you your normal blood pressure range and the point at which you are at risk. Consult your physician to obtain these values. If the measurements taken with these products fall outside the range, Consult your physician immediately.

Why my blood pressure is varies even in one day?

1. Individual blood pressure varies even in one day, it is also affected by the way you tie your cuff and the your measurement position, so please take the measurement at the same condition. 2. The varies of the pressure is greater if the person take medicine. 3. Wait at least 4 – 5 minutes between measurements.

12

Why the blood pressure I get from the hospital is different from home?

The blood pressure is different even during 24 hour because of the weather, emotion, exercise etc.

The attention need to pay.
When you measure you blood pressure at home:
If the cuff is tied properly.
If the cuff is tied on the upper arm.
If you feel anxious pressured.
You had better take deep breath 2-3
times before beginning. times before beginning. Advice: adjust yourself for 4-5 minutes until you calm down.

If the result is the same if measuring on the right arm:

It is ok for both arms, but there will be some different results for different person, so we suggest you measure the same arm every time.



This section includes a list of error messages and frequently asked questions for problems you may encounter with your Arm Blood Pressure Monitor. If the products not operating as you think it should, check here before arranging for servicing.

Trouble Shooting

	•		
PROBLEM	SYMPTOM	CHECKTHIS	REMEDY
Name	Display is dim or	Batteries are exhausted.	Replace with new batteries.
No power	will not light up.	Batteries are inserted incorrectly.	Insert the batteries correctly.
Low batteries	-	Batteries are low.	Recharge with new batteries.
	"Err 1"	The heart beat signal is too weak or the pressure of cuff descend.	Refasten the cuff and then measure again.
	"Err 2"	There are some noise to affect measurement.	Refasten the cuff and then measure again.
Error massage	"Err 3"	The measurement is not right.	Refasten the cuff and then measure again.
	"Err P"	Inflate failed.	Refasten the cuff and then measure again.
	"Err H"	Overcharging pressure.	Refasten the cuff and then measure again.

14

Electromagnetic Compatibility

The ME EQUIPMENT or ME SYSTEM is suitable for home healthcare environments and

10

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 normally.

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 TYPE 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 PERFORMANCE is lost or degraded due to EM DISTURBANCES (the defined term "ESSENTIAL PERFORMANCE" need not be used).

1. All necessary instructions for maintaining BASIC SAFETY and ESSENTIAL PERFORMANCE with regard to electromagnetic disturbances for the excepted service life.

15

 $2.\,Guidance\,and\,manufacturer'\ s\,declaration\,\text{-}electromagnetic\,emissions\,and}$

Table 1

Guidance and manufacturer's declaration – electromagnetic emission					
Emissions test Compliance					
RF emissions CISPR 11	Group 1				
RF emissions CISPR11	Class B				
Harmonic emissions IEC 61000-3-2	N/A				
Voltage fluctuations /flicker emissions IEC 61000-3-3	N/A				

11

Table 2

Guidan	ce and manufacturer's dec electromagnetic Immunit			
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 air	±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 input/output lines: ±1 kV	N/A		
Surge IEC 61000-4-5	line(s) to line(s): ±1 kV. line(s) to earth: ±2 kV. 100 kHz repetition frequency	N/A		
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% 300 cycle	N/A		
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	N/A		
Radiated RF IEC61000-4-3	10 V/m 80 MHz – 2,7 GHz 80 % AM at 1 kHz	10 V/m 80 MHz – 2,7 GHz 80 % AM at 1 kHz		
NOTE U⊤ is the a.	c. mians voltage prior to appli	cation of the test level		

	Test Frequency (MHz)	Band (MHz)	Service	Modulation	Modulation (W)	Distance (m)	IMMUNITY TEST LEVEL (V/m)
	385	380 – 390	TETRA 400	modulation 18 Hz	1,8	0.3	27
	450	380 – 390	GMRS 460, FRS 460	FM ± 5 kHz deviation 1 kHz sine	2	0.3	28
	710	704- 787	LTE Band 13.	Pulse			
	745			modulation	0,2	0.3	9
	780		17	217 Hz			
	810	800- 960	GSM 800/900, TETRA	Pulse modulation 18 Hz			
Radiated RF IEC61000-4-3	870		800, iDEN 820, CDMA 850, LTE Band 5		2	0.3	28
(Test specifications for ENCLOSURE PORT IMMUNITY to RF wireless communications equipment)	930						
	1720	1700– 1990		Pulse modulation 217 Hz	2	0.3	
	1845						28
	1970						
	2450	2400– 2570	Bluetooth, WLAN, 802.11 b/g/n, RFID 2450, LTE Band 7	Pulse modulation 217 Hz	2	0.3	28
	5240	5100-	WLAN	Pulse modulation	0,2	0.3	
	5240	5800	802.11 a/n				9
	5785	1		217 Hz			

18

13

Disposal

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.

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19

16

17