

Thank you for making iProven your top choice. Please read the instructions carefully in order to accurately and safely utilize this equipment.

The BPM-634 measures the blood pressure and the heart rate and saves the results. It also enables transferring the measuremen using the Bluetooth connection. The BPM-634 offers real time and accurate readings that are as convenient as possible thanks to the Oscillometric Measuring method. Blood pressure measurements may not be valid or accurate if they are not performed in accordance with the instructions provided in this manual, so please keep these instructions handy for future reference. You can also find the digital version of this manual on www.iproven.com

It is our passion to develop high quality products for home use. Our products are manufactured at the highest technica standards of professional quality, durability, and consistency. They are also designed with elegant simplicity in mind, making th easy to use at home.

To help you get the most from our products, we provide clear instructions with each device. The manual also includes helpful information that contributes to your overall health awareness.

In order to make sure that our products are tailored to your needs, we welcome your feedback. If you have any issues, questions or recommendations, please share your thoughts with us at www.iproven.com

> iProvèn - Professional Care Brought Home iProvèn is a Masena Invest brand



The BPM-634 is a digital monitor that is used for measuring blood pressure and heart rate by wrapping the cuff around arms of different sizes, within $8\frac{34}{7}$ - $16\frac{12}{2}$ (22 cm to 42 cm). The BPM-634 is intended for home use and for adults only.

How this device works

The product uses the Oscillometric Measuring method to detect blood pressure. When the measurement is started, it calibrates to "zero pressure" which is the natural air pressure. As soon as it starts inflating the wrist cuff, the device detects the pressure oscillations according to the beat-to-beat pulsatile and so it determines the systolic, diastolic pressure and the heart rate

Irregular Heart Beat detection

The device is equipped with irregular heart beat detection, IHB. The algorithm of the device compares the longest and shortest intervals of registered pulse waves (the time interval) and calculates the standard deviation. If the differences in the time intervals are more than 25% you have an irregular heartbeat and the 🖤 sign will appear in the display. If the device detects irregular heartbeat during consecutive measurements and you are following the correct procedure, please consult your doctor.

Intended use of the BPM-634 blood pressure monitor

Intended use of the BPM-634 blood pressure monitor

- The unit should not be used for prolonged monitoring during medical emergencies or operations.
- The cuff being inflated for a prolonged time will lead to numbness of wrist and fingers, causing anesthesia, pain and ecchymosis.
- Use the device according to the instructions of this manual to guarantee an efficient performance and durability of the devi-
- The cuff complies with the requirements of ISO 10993-5:2009 and ISO 10993-10:2010.
- The cuff does not cause any potential allergic reaction or contact injury.
- There is no need for calibration during the two years of 'guaranteed service'.

Components of the BPM-634



The LCD display and the meanings of the symbols



DESCRIPTION	EXPLANATION
Systolic pressure	High blood pressure
Diastolic pressure	Low blood pressure
Pulse display	Pulse in beats per minute
Memory	Indicates it is in the memory mode and the measurement number
kPa	Measurement Unit of the blood pressure (1kPa=7.5mmHg)
mmHg	Measurement Unit of the blood pressure (1mmHg=0.133kPa)
Low battery	Batteries are low and need to be replaced
Irregular heartbeat	Blood pressure monitor is detecting an irregular heartbeat during measurement
Blood pressure level indicator	Indicates the blood pressure level
Current Time	Year/Month/Day, Hour : Minute
Heartbeat	Blood pressure monitor is detecting a heartbeat during measurement
Motion indicator	Indicates detected motion try to avoid

Preparing the device

- Open the battery cover
- Insert the four AA batteries conform the right polarity;
- Close the battery cover:



Connect the cuff by inserting the air plug into the air jack on the left side of the device.



Setting up the device

- First make sure you set the time and data correctly so the device can register the results with the correct time:
- With the monitor OFF, press SET. The time will now show in the display;
- 3. Hold the SET button for 3 seconds until the "Year" starts blinking;
- 4. Press or hold MEM to adjust the Year digits that are blinking on the display. Press SET to confirm;
- 5. Repeat step 2 for setting the Month & Day, Hour & Minutes;
- 6. Once the Minutes are set, the display will show "mmHq". This is the standard measurement unit. Press SET to save; Or press MEM to change to "kPa" and then press SET to save;
- Once the measurement unit is set, the LCD will show "DONE". Then the device will show the settings and then shut off

eparing the measurement

Wrapping the cuff

When wrapping the cuff around your upper arm, make sure that:

- The ART sign of the cuff is close to the artery;
- The cuff is positioned around an inch from the bent of your arm;
- The cuff is snug but not too tight. You have to be able to insert one finger between the cuff and the arm.



Taking a measurement

- Be seated in a quiet and comfortable room, with your arm resting on a flat surface;
- After wrapping the cuff (see "wrapping the cuff" section), rest 3 minutes, keep your the palm of your hand upwards, you back straight and breathe deeply for 5 or 6 times before starting the measurement;
- Press START to begin the measurement;

Tips for better accuracy

- 4. The monitor will first calibrate to zero air pressure and then inflate the cuff. While inflating the measurements are made;
- 5. When the measurement is completed the results will appear in the screen. The measurement is also saved in the memory.

Using the memory function

- Every measurement is automatically saved in the memory, with a maximum capacity of 60 measurements:
- Make sure that the date and time are set correctly;
- To view the recorded data press the MEM button while the monitor is inactive;
- If the monitor is not yet inactive, first deactivate it by pressing STOP;
- Use the buttons MEM for Up and Set for Down to read through the records.

Deleting the records

In case you want to delete your recorded measurements, please follow these steps:

- 1. Make sure the monitor is inactive. If the monitor is not yet inactive, first deactivate it by pressing STOP;
- Press MEM to go to Memory;
- Press and hold the MEM button for 3 seconds:
- 4. "DEL ALL" will start blinking. Press SET to confirm. (Or press STOP to cancel);
- 5. "DEL DONE" will show, meaning the stored data is deleted. The device will shut off.

- During the measurement do not move or speak and be seated in a silent room;
- Do not cross your legs during the measurement;
- Do not use the device in a toilet or while doing any sort of activity including talking or moving
- Do not use the device in a cold environment;
- To get insight in the trend of your blood pressure, it is best to measure your blood pressure at about the same time(s)
- For accurate results, avoid using the device within 1 Hour after eating;
- You shouldn't measure immediately after drinking tea or coffee and after smoking;
- Avoid measuring after 30 minutes of taking a shower or bath;
- For an accurate and clear result, please measure the same arm every time;
- As a rule of thumb: when you measure your left arm, position the hose in line with the index finger. For even higher accuracy, make sure the ART sign on the cuff is closest to the artery. You can locate the artery by pressing 2 fingers 1 inch above the bend of your elbow on the inside of your arm. The artery is where you can feel the pulse the strongest.

Basic info about blood pressu

Systolic pressure means that the ventricles contract and pump out blood, increasing the blood pressure. The diastolic pressure means that the ventricles relax so the blood pressure decreases.

AHA indicator

After each measurement an arrow indicates the corresponding AHA category color on the left of the display. The colors represent the different categories of the American Heart Association blood pressure classification as depicted in the chart below.

	Blood Pressure Category	Systolic mm HG (upper#)		Diastolic mm Hg (lower#)	
Gre	een Normal	less than 120	and	less than 80	
Yel	low Prehypertension	120-129	and	less than 80	
Ora	High Blood Pressure (hypertension) Stage 1	130-139	or	80-89	
Da Ora	nge High Blood Pressure (hypertension) Stage 2	140 or higher	or	90 or higher	
Re	Hypertensive Crisis (Emergency care needed)	Higher than 180	and/or	Higher than 120	

Changes in blood pressure

There are many factors that cause the blood pressure to change. Weather, emotions, stress, food, physical activities; all these influence the variations in the blood pressure. Bear in mind that measuring in clinical settings tend to cause the blood pressure to increase. This is called "white coat effect".

PROBLEM	SYMPTOM	CHECK THIS	REMEDY	
	Display will not	Batteries are exhausted.	Replace with new batteries	
No power	light up.	Batteries are inserted incorrectly.	Insert the batteries correctly	
Low batteries	Display is dim or show 1 +	Batteries are low.	Replace with new batteries	
	E 01 shows	The cuff is too tight or too loose.	Refasten the cuff and ther measure again.	
	E 02 shows	The monitor detected motion while measuring.	Movement can affect the measurement.Relax for a moment and then measure again.	
Error message	E 03 shows	The measurement process does not detect the pulse signal.	Loosen the clothing on the arm and then measure again.	
	E 04 shows	The treatment of the measurement failed.	Relax for a moment and then measure again.	
	EExx,shows on the display.	A calibration error occurred. (XX can be some digital symbol, such as 01, 02, etc., if this similar situation appear, all belong to calibration error.)	Retake the measuremen If the problem persists, contact the retailer or ou customer service department for further assistance.Refer to the warranty for contact information and return instructions.	
Warning message	"out " shows	Out of measurement range	Relax for a moment. Refasten the cuff and the measure again. If the problem persists, contact	

Error messages and FAQ

PROBLEM	SYMPTOM Display will not	CHECK THIS Batteries are exhausted.	REMEDY Replace with new batteries	Power supply	Battery powered mode: 6VDC 4×AA alkaline batteries AC adaptor powered mode: 6V == 1A (Please only use the recommended AC adaptor model).(Not included)
No power	light up.	Ballada and balandad	Incort the betterioe	Display mode	Digital LCD V.A.73mm×49mm
		Batteries are inserted	correctly	Measurement mode	Oscillographic testing mode
Low batteries	Display is dim or show 1 + L 0	Batteries are low.	Replace with new batteries	Measurement range	Rated cuff pressure: 0mmHg-299mmHg(0kPa ~ 39.9kPa) Measurement pressure: SYS: 60mmHg-230mmHg (8.0kPa-30.7kPa) DIA: 40mmHg-130mmHg (5.3kPa-17.3kPa) Pulse value: (db.190Haartminute
		or too loose.	measure again.	Accuracy	Pressure: 5 C -40 C within±3mmHg(0.4kPa)
	E UZ SNOWS	2 shows The monitor Movement can affect the detected motion measurement.Relax for a while measuring. moment and then measure again.	Normal working condition	A temperature range of :+5°C to +40°C A relative humidity range of 15% to 90%, non-condensing, but not requiring a water vancur nartial pressure greater than 50 hPa	
Error message	E 03 shows	The measurement process does not detect the pulse signal	Loosen the clothing on the arm and then measure again.	Storage & transportatio	An atmospheric pressure range of : 700 hPa to 1060 hPa Temperature:-20°C to +60°C A relative humidity range of \$ 93%,
	E 04 shows	The treatment of the	Relax for a moment and	condition	non-condensing, at a water vapour pressure up to 50hPa
	E 04 snows measurement	measurement failed.	then measure again. Retake the measurement. If the problem persists,	Measurement perimete of the upper arm	r About 22cm~42cm
	EExx,shows on	A calibration error		Weight	Approx.260g(Excluding the dry cells and cuff)
	the display.	occurred. (XX can be some digital symbol	contact the retailer or our	External dimensions	Approx_118mm×126mm×72mm
		such as 01_02 etc_if	customer service	Attachment	4×AA batteries,user manual
		this similar situation	department for further	Mode of operation	Continuous operation
		appear, all belong to	assistance.Refer to the	Degree of protection	Type BF applied part
		calibration error.)	warranty for contact information and return instructions.	Protection against ingress of water	IP21 It means the device could protected against solid foreign objects of 12.5mm and greater, and protect against vertically falling water drops.
Warning	"out " shows	Out of measurement range	Relax for a moment. Refasten the cuff and then measure again. If the	Device Classification	Battery Powered Mode: Internally Powered ME Equipment AC Adaptor Powered Mode: Class II ME Equipme
			problem persists, contact your physician.	Software Version	A01

Important symbols on the monitor

3	Symbol for "THE OPERAT GUIDE MUST BE READ"
	Symbol for "MANUFACTU
SN	Symbol for "SERIAL NUME
	Symbol for "DIRECT CURF
പ	Symbol for "MANUFACTURE DATE"
Ø	The Green Dot is the like symbol of a European network of industry-fund systems for recycling the packaging materials of consumer goods.



Electromagnetic compatibility measures

Please pay attention to the precautions of EMC (Electromagnetic Compatibility) of this Monitor. The Blood Pressure Monitor must be installed and used according to the EMC information shown in this manua The device can be affected by portable and mobile RF communication equipment.

Remove any devices that emit electromagnetic fields such as mobile phones from nearby the device.

The Blood Pressure Monitor has been tested and inspected to guarantee a proper performance.

Do not store or use this Monitor with other electric equipment.

Manufacturer's declaration on Electromagnetic Immunity for all ME Equipments and Systems

Guidance and	manufacturer's decl	aration – electromagnetic emissions
The device is intended for user of the device should	use in the electromag assure that it is used in	netic environment specified below. The customer or the n such an environment.
Emissions test	Compliance	Electromagnetic environment - guidance
RF emissions CISPR 11	Group 1	The device 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 device is suitable for use in all establishments, other than domestic and those directly connected to the public low-voltage power supply network that
Harmonic emissions IEC 61000-3-2	Class A	supplies buildings used for domestic purposes.
Voltage fluctuations/ flicker emissions IEC 61000-3-3	Complies	

user of the device st	Iouid assure that it is used	in such an environment	
Immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment - guidance
Electrostatic discharge (ESD) IEC 61000-4-2	±8 kV contact ±15 kV air	±8 kV contact ±15 kV air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be a least 30%.
Electrical fast transient/burst IEC 61000-4-4	power supply lines: ±2 kV input/output lines: ±1 kV	power supply lines: ±2 kV	Mains power quality should be that of a typical commercial or hospital environment.
Surge IEC61000-4-5	line(s) to line(s): ±1 kV line(s) to earth: ±2 kV 100 kHz repetition frequency	line(s) to line(s): ±1 kV 100 kHz repetition frequency	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	0% 0.5 sydte A10" 45", 60", 135", 140" 42", 25", 270" and 315" 0% 1 cycle Single phase: at 0 0% 300 cycle	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	Mains power quality should be that of a typical commercial or hospital environment.
Power frequency (50Hz)60Hz) magnetic field IEC 61000-4-8	30 A/m 50Hz/60Hz	30 Alm 50Hz/60Hz	Power frequency magnetic field should be at levels characteristi of a typical location in a typical commercial or hospital environment.

Manufacturer's declaration on Electromagnetic Immunity for all ME Equipments and Systems that do not provide LIFE-SUPPORTING

user of the device	should assure that it	t is used in such ar	n environment.	w. The castomer of the	
Immunity test	IEC 60601 Test level	Compliance level	Electromagnetic envir	onment - guidance	
Conducted RF IEC 61000-4-6	150 kHz to 80 MHz: 3 Vrms 6Vrms (in ISM and amateur radio bands) 80% Am at 1kHz	150 kHz to 80 MHz: 3 Vrms 6Vrms (in ISM and amateur radio bands) 80% Am at 1kHz	Portable and mobile RF communications equipment should be used no closer to any part of the device, including cables, than the recommended separation distance calculated from the equation appropriate for the frequency of the transmitter. Recommended separation distances: d=0.35; d=0.35		
Rediated RF IEC 61000-4-3	10Vine, 80% Am at 1kHz	10Vim, 80% Am at 1kHz	80 MHzt to 800 MHzt d+12 800 MHz to 2.7 GHz d+2.3	where, its the maximum colupic power rating of it transmitter in watts (W) according to the transmitter manufacture as the recommended separation distance in determined by an electromagnetic site than the compliance between and the site of the separation in each frequency range intelference may occur in each frequency range intelference may occur marked with the followin symbol:	

hese guidelines may not apply in all situations. Electromagnetic propagation is affect ind reflection from structures, objects and people. engths from fixed transmitters, such as base stations for radio (cellular / cordless)

phones and lead mobile radio, amintan midia, Alf and PM radio brandcast and PV brandsast phones and lead mobile radio, amintan midia, Alf and PM radio brandcast and PV brandsast PP Prostentillens, and exclosinged real bias receipt shared lead of the applicable PF compliance lead regin in the brandsmither, and bedness in used exceeds the applicable PF compliance lead envels, additional interactions and the compliance lead of the applicable PF compliance lead envels, additional interactions and the constantian of the applicable PF compliance lead envels, additional interactions and the constantian of the applicable PF compliance lead in the bedness model to be block the first effects and the applicable bias and the shares. The bedness model points and the applicable bias and the shares and the share

The safe distances between portable and mobile RF communications equipment, ME Equipments and Systems that are not LIFE-SUPPORTING

Recommended separation distances between portable and mobile RF communications quipment and the device.

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

Rated maximum output power of transmitter (W)	Separation distance according to frequency of transmitter (m)				
	150 kHz to 80 MHz 8	0 MHz to 800 MHz	800 MHz to 2.7 GHz		
	<i>d</i> = 3.5	<i>d</i> = 1.2	<i>d</i> = 2.3		
0.01	0.12	0.12	0.23		
0.1	0.37	0.38	0.73		
1	1.2	1.2	2.3		
10	3.8	3.8	7.3		
100	12	12	23		

or transmitters rated at a maximum output power not listed above, the recommended separa listance d in metres (m) can be estimated using the equation applicable to the frequency of the ransmitter, where P is the maximum output power rating of the transmitter in watts (W) according to the

At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies. TE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by orption and reflection from structures, objects and people.

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.

Complied European Standards List

Risk management	Application of risk management to medical
Labeling	EN 980:2008 Symbols for use in the la ISO 15223-1:2012 Medical devices. S medical device labels, labelling and inform General requirements
User manual	EN 1041:2008 Information supplied by devices
General Requirements for Safety	EN 60601-1:2009/ IEC 60601-1:2005+ equipmert - Part 1: General requirements essential performance EN 60601-1-11:2010/ IEC 60601-1-11 equipmert - Part 1-11: General requireme essential performance - Collateral standar electrical equipment and medical electrica healthcare environment
Electromagnetic compatibility	EN 60601-1-2:2015/ IEC 60601-1-2:20 equipment - Part 1-2: General requiremen essential performance - Collateral standar compatibility - Requirements and tests
Performance requirements	EN ISO 81060-12012 Non-invasive sy Requirements and lest methods for non-a- EN 1060-3:1997+A2-2009 Non-invasiv Part 3: Supplementary requirements for el pressure measuring systems IEC 80601-2-30-2013 Medical electrico Particular requirements for the basic safet performance of automated non-invasive sp
Clinical investigation	EN 1060-4:2004 Non-invasive sphygm procedures to determine the overall syster non-invasive sphygmomanometers ISO 81060-2:2013 Non-invasive sphy Clinical validation of automated measuren
Usability	EN 80601-1-6:2010/IEC 80601-1-6:20 electrical equipment - Part 1-6: General re- and essential performance - Collateral star EN 82366:2008/ IEC 62366-1:2015 M of usability engineering to medical devices
Software life-cycle processes	EN 62304:2006/AC: 2008 / IEC 62304 software - Software life-cycle processes
Bio-compatibility	ISO 10993-1:2009 Biological evalua 1: Evaluation and testing within a risk m ISO 10993-5:2009 Biological evalual Part 5: Tests for in vitro cytotoxicity ISO 10993-10:2010 Biological evalua

Risk management	EN ISO 14971:2012 / ISO 14971:2007 Medical devices - Application of risk management to medical devices
Labeling	EN 980:2008 Symbols for use in the labelling of medical devices ISO 15223-1:2012 Medical devices. Symbols to be used with medical device labels, labelling and information to be supplied. Part 1

v the manufacturer of medical 5+A1:2012 Medical electrical is for basic safety and

1:2015 Medical electrical ents for basic safety and ard: Requirements for medical al systems used in the home

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valuation of medical devices sensitization

e device is or of the de	intended for evice, should	r use in the assure the	electromage at it is used it	netic environme n such an enviro	nt specified belo onment.	w. The custon	her or the
diated RF 61000-4-3 st cifications	Test Frequency (MHz)	Band a) (MHz)	Service a)	Modulation b)	Modulation b) (W)	Distance (m)	IMMUNITY TEST LEVEL (V/m)
CLOSURE RT	385	380-390	TETRA 400	Pulse modulation b) 18Hz	1.8	0.32	7
MUNITY to wireless nmunica-	450	380-390	GMRS 460, FRS 460	FM c) ± 5kHz deviation 1kHz sine	20	.3	28
ipment)	710 745 780	704-787	LTE Band 13, 17	Pulse modulation b) 217Hz	0.20	.3	9
	810 870 930	800-960	GSM 800/900, TETRA 800, IDEN 820, CDMA 850, LTE Band 5	Pulse modulation b) 18Hz	2	0.32	8
	1720 1845 1970	1700- 1990	GSM 1800; CDMA 1900; GSM 1900; DECT; LTE Band 1, 3, 4,25; UMTS	Pulse modulation b) 217Hz	2	0.32	8
	2450	2400- 2570	Bluetooth, WLAN, 802.11 b/g/n, RFID 2450, LTE Band 7	Pulse modulation b) 217 Hz	2	0.32	8
	5240	5100-	WLAN 802.11	Pulse	0.2	0.39	
	5240	0000	a/n	217 Hz			
	5785]					

achieve the IMMUNITY TEST LEVEL, the distance between the transm INT or ME SYSTEM may be reduced to 1 m. The 1 m test distance is p

ices, only the uplink frequencies are included. all be modulated using a 50% duty cycle square wave signal as to FM modulation. 50% rules modulation at 18 km may be used

tative to FM modulation, 50% pulse modulation at 18 Hz may be used because while it di clash modulation, to would be worst case. TTURER should consider reducing the minimum separation distance, based on RSIK fail of distance. Minimum separation distances for higher MMUNITY TEST LEVELS shat allori distance. Minimum separation distances for higher DET LEVELS shat

Guidance and manufactures - electromagnetic Immunity Authorized Component

1. Please use the iProvèn authorized adapter. (not included)



Adapter Model: KH0601000UW Input: AC 100-240V 50/60Hz 0.4A Max Output 5V 1000mA

CAUTIONS

- When using this device, please pay attention to the following situation which may interrupt blood flow and influence blood circulation of the patient, thus cause harmful injury to the patient: connection tubing kinking too frequent and consecutive multiple measurements; the application of the cuff and its pressurization on any arm where intravascular access or therapy, or an arterio-venous (A-V) shunt, present: inflating the cuff on the side of a mastectomy.
- Warning: Do not apply the cuff over a wound; otherwise it can cause further injury.
- Do not inflate the cuff on the samb limb which other monitoring ME equipment is applied around simultaneously, because this could cause temporary loss of function of those simultaneously-used monitoring ME equipment.
- On the rare occasion of a fault causing the cuff to remain fully inflated during measurement, open the cuff immediately.
- Prolonged high pressure (cuff pressure > 300mmHg or constant pressure > 15mmHg for more than 3 minutes) applied to the arm may lead to an ecchymosis.
- Please check that operation of the device does not result in prolonged impairment of patient blood circulation
- When measurement, please avoid compression or restriction of the connection tubing.
- The device cannot be used with HF surgical equipment at the same time. The ACCOMPANYING DOCUMENT shall disclose that the SPHYGMOMANOMETER was clinically investigated according to the requirements of ISO 81060-2:2013.
- To verify the calibration of the AUTOMATED SPHYGMOMANOMETER, please contact the manufacturer.
- This device is contraindicated for any female who may be suspected of, or is pregnant. Besides providing inaccurate readin the effects of this device on the fetus are unknown.
- Too frequent and consecutive measurements could cause disturbances in blood circulation and iniuries. This unit is not suitable for continuous monitoring during medical emergencies or operations. Otherwise, the patient's arm and fingers will become anaesthetic, swollen and even purple due to a lack of blood.
- When not in use, store the device with the adapter in a dry room and protect it against extreme moisture, heat, lint dust and direct sunlight. Never place any heavy objects on the storage case.
- This device may be used only for the purpose described in this booklet. The manufacturer cannot be held liable for damage caused by incorrect application.

CAUTIONS

- This device comprises sensitive components and must be treated with caution. Observe the storage and operating conditions described in this booklet.
- The equipment is not AP/APG equipment and not suitable for use in the presence of a flammable anesthetic mixture with air of with oxygen or nitrous oxide.
- Warning: No servicing/maintenance while the ME equipment is in use.
- The patient is an intended operator.
- The patient can measure data under normal circumstances and maintain the device and its accessories according to the user manual.
- To avoid measurement errors, please avoid the condition of strong electromagnetic field radiated interference signal or electrical fast transient/burst signal.
- The blood pressure monitor, its adaptor, and the cuff are suitable for use within the patient environment. If you are allergic to polyester, nylon or plastic, please don't use this device.
- During use, the patient will be in contact with the cuff. The materials of the cuff have been tested and found to comply with requirements of ISO 10993-5:2009 and ISO 10993-10:2010. It will not cause any potential sensization or irritation reaction.
- Adaptor is specified as a part of ME EOUIPMENT.
- If you experience discomfort during a measurement, such as pain in the arm or other complaints, press the START/STOP button to release the air immediately from the cuff. Loosen the cuff and remove it from your arm.
- If the cuff pressure reaches 40 kPa (300 mmHq), the unit will automatically deflate. Should the cuff not deflate when pressures reaches 40 kPa (300 mmHq). detach the cuff from the arm and press the START/STOP button to stop inflation.
- Before use, make sure the device functions safely and is in proper working condition. Check the device, do not use the device if it is damaged in any way. The continuous use of a damaged unit may cause injury, improper results, or serious danger,
- Do not wash the cuff in a washing machine or dishwasher!
- The service life of the cuff may vary by the frequency of washing, skin condition, and storage state. The typical service life is 10000 times.
- It is recommended that the performance should be checked every 2 years and after maintenance and repair, by retesting at least the requirements in limits of the error of the cuff pressure indication and air leakage (testing at least at 50mmHg and 200mmHg).
- Please dispose of ACCESSORIES, detachable parts, and the ME EQUIPMENT according to the local guidelines.
- Manufacturer will make available on request circuit diagrams, component part lists, descriptions, calibration instructions, etc., to assist to service personnel in parts repair.

CAUTIONS

•	The plug/adapter plug pins insulates the device from the main supply. Do not position the device in a position where it is difficult to disconnect from the supply mains to safely terminate operation of ME equipment.
	The operator shall not fourth output of hatteries /adapter and the patient simultaneously
	Cleaning Dust environment may affect the performance of the unit Please use the soft cloth to clean the whole unit before
	and after use Don't use any attacking or volatile cleaners
	and alter use. Don't use any ablastice or volatile learners.
	The device doesn't need to be cannated within two years on reliable service.
•	n you have any problems with this device, such as setting up, manutaming of using, please contact the stavice removing the device such as setting up, manutaming of using, please contact the stavice removing the device start as setting up, manutaming of using please contact the stavice removing the device start as setting up, manutaming of using please contact the stavice removing the device start as setting up, manutaming of using please contact the stavice removing the device start as setting up, manutaming of using please contact the stavice removing the device start as setting up, manutaming of using please contact the stavice removing the device start as setting up, manutaming of using please contact the start as setting up, manutaming of using please contact the stavice removing the device start as setting up, manutaming of using please contact the stavice removing the start as setting up, manutaming of using please contact the start as setting up, manutaming of using please contact the stavice removing the start as setting up, manutaming of using please contact the start as setting up, manutaming of using please contact the start as setting up, manutaming of using please contact the start as setting up, manutaming of using please contact the start as setting up, manutaming of using please contact the start as setting up, manutaming of using please contact the start as setting up, manutaming of using please contact the start as setting up, manutaming of using please contact the start as setting up, manutaming of using please contact the start as setting up, manutaming of using please contact the start as setting up, manutaming of using please contact the start as setting up, manutaming of using please contact the start as setting up, manutaming of using please contact the start as setting up, manutaming of using please contact the start as setting up, manutaming of using please contact the start as setting up, manutaming of using please contact the start as setting up, manutaming of using please contact th
	or information of the second
	Individuals at authorized sales/service centers.
•	Please report to iProven if any unexpected operation or events occur.
•	Keep the unit out of reach of infants, young children or pets to avoid inhalation or swallowing of small parts. It is dangerous or even fatal.
•	Be careful to strangulation due to cables and hoses, particularly due to excessive length.
•	At least 30 min required for ME equipment to warm from the minimum storage temperature between uses until it is ready for intended use. At least 30
	min required for ME equipment to cool from the maximum storage temperature between uses until it is ready for intended use.
•	This equipment needs to be installed and put into service in accordance with the information provided in the ACCOMPANYING DOCUMENTS;
•	Wireless communications equipment such as wireless home network devices, mobile phones, cordless telephones and their base stations,
	walkie-talkies can affect this equipment and should be kept at least a distance d away from the equipment. The distance d is caculated by the
	MANUFACTURER from the 80 MHz to 5.8 GHz column of Table 4 and Table 9 of IEC 60601-1-2:2014, as appropriate.
	Please use ACCESSORIES and detachable partes specified/ authorised by MANUFACTURE. Otherwise, it may cause damage to the unit or
	danger to the user/patients.
	There is no luer lock connectors are used in the construction of tubing, there is a possibility that they might be inadvertently connected to
	intravascular fluid systems, allowing air to be pumped into a blood vessel.
	Please use the device under the environment which was provided in the user manual. Otherwise, the performance and lifetime of the device will be
	impacted and reduced
	····

Warranty

This Limited Warranty covers any defects in materials or workmanship under normal use during the Warranty Period. iProven will either replace the product or repair the product at no charge, using new or refurbished replacement parts. The Warranty Period of this iProven product is 2 years from the date of purchase. A replacement product or product part assumes the remaining warranty of the original product purchase. This Limited Warranty does not cover batteries and packaging, nor any problem that is caused by conditions, malfunctions, or damage not resulting from defects in material or workmanship.

To obtain warranty service, contact our customer support at www.iproven.com to determine the problem and the most appropriate solution for your situation.

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NETDIRECT DISTRIBUTION, LLC 9360 Federal Blvd Denver, CO 80260

Phone: 1-503-974-0913

HEADOUARTERS

Ebweg 12D 2991 LT Barendrecht The Netherlands

Phone: +31 (0)84-8838876


