Thank you for purchasing the DBP-6273B Blood Pressure Monitor. The unit has been constructed using reliable circuitry and durable materials. Used properly, this unit will provide years of satisfactory use.

Measure blood pressure (systolic and diastolic) and pulse rate of adults and adolescents age 12 through 21 years of age. All functions can be used safely and values can be read out in one LCD DISPLAY. Measurement position is on adult upper arm only.

Blood pressure measurement determined with this device are equivalent to those obtained by a trained observer using the cuff/stethoscope auscultation method, within the limits prescribed by the Recognized Consensus Standard (IEC 81060-2-30) for electronic sphygmomanometers.

Precautions to Ensure Safe, Reliable Operation

1. Do not drop the unit. Protect it from sudden jars or shocks.
2. Do not insert foreign objects into any openings.
3. Do not attempt to disassemble the unit.
4. Do not crush the pressure cuff.
5. If the unit has been stored at temperatures below 0°C, leave it in a warm place for about 15 minutes before using it. Otherwise, the cuff may not inflate properly.
6. If the unit has been stored at temperatures above 40°C, leave it in a cool place for about 15 minutes before using it. Otherwise, the cuff may not inflate properly.
7. Do not store the unit in direct sunlight, high humidity or dust.
8. To avoid any possibility of accidental strangulation, keep this unit away from children and do not drape tubing around your neck.
9. Ensure that children do not use the instrument unsupervised; some parts are small enough to be swallowed.
10. Some may get a skin irritation from the cuff taking frequent readings over the course of the day, but this irritation typically goes away on its own after the monitor is removed.
Safety Notice

Important Instructions Before Use

1. Do not confuse self-monitoring with self-diagnosis. Blood pressure measurements should only be interpreted by a health professional who is familiar with your medical history.
2. Contact your physician if test results regularly indicate abnormal readings.
3. If you are taking medication, consult with your physician to determine the most appropriate time to measure your blood pressure. NEVER change a prescribed medication without first consulting with your physician.
4. Individuals with serious circulation problems may experience discomfort. Consult your physician prior to use.
5. For persons with irregular or unstable circulation resulting from diabetes, liver disease, arteriosclerosis or other medical conditions, there may be variations in blood pressure values measured at the wrist versus at the upper arm. Monitoring the trends in your blood pressure taken at either the arm or the wrist is nevertheless useful and important.
6. People suffering from vascular constriction, liver disorders or diabetes, people with cardiac pacemakers or a weak pulse, and women who are pregnant should consult their physician before measuring their blood pressure themselves. Different values may be obtained due to their condition.
7. People suffering from arrhythmias such as atrial or ventricular premature beats or atrial fibrillation only use this blood pressure monitor in consultation with your doctor. In certain cases oscillometric measurement method can produce incorrect readings.
8. Too frequent measurements can cause injury to the patient due to blood flow interference.
9. The cuff should not be applied over a wound as this can cause further injury.
10. DO NOT attach the cuff to a limb being used for IV infusions or any other intravascular access, therapy or an arterio-venous (A-V) shunt. The cuff inflation can temporarily block blood flow, potentially causing harm to the patient.
11. The cuff should not be placed on the arm on the side of a mastectomy. In the case of a double mastectomy use the side of the least dominant arm.
12. Pressurization of the cuff can temporarily cause loss of function of simultaneously used medical equipment on the same limb.
13. A compressed or kinked connection hose may cause continuous cuff pressure resulting in blood flow interference and potentially harmful injury to the patient.
14. Check that operation of the unit does not result in prolonged impairment of the circulation of the patient.
15. Product is designed for its intended use only. Do not misuse in any way.
16. Product is not intended for infants or individuals who cannot express their intentions.
17. Prolonged over-inflation of the bladder may cause ecchymoma of your arm.
18. Do not disassemble the unit or arm cuff. Do not attempt to repair.
19. Use only the approved arm cuff for this unit. Use of other arm cuffs may result in incorrect measurement results.
20. The system might produce incorrect readings if stored or used outside the manufacturer’s specified temperature and humidity ranges. Make sure to store the blood pressure monitor, children, pets and pets are outside of accessible range.
21. Do not use the device near strong electrical or electromagnetic fields generated by cellular phones or other devices, they may cause incorrect readings and interference or become interference source to the device.
22. Do not mix new and old batteries simultaneously.

Unit Illustration

WARNING SIGNS AND SYMBOLS USED

- Keep Dry
- Keep off Sunlight
- Type BF Equipment
- Instructions For Use MUST Be Consulted
- Discard the used product to the recycling collection point according to local regulations

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Electrosurgery interference recovery Refer 202.6.2.101 IEC 80601-2-30
Limits of the error of the manometer Refer 202.12.1.102 IEC 80601-2-30
Reproducibility of the BLOOD PRESSURE DETERMINATION Refer 201.12.1.107 IEC 80601-2-30

If air is leaking from the arm cuff, replace the arm cuff with a new one. It is generally recommended to have the cuff replaced timely to ensure correct functioning and accuracy. Please consult your local authorized Sejoy distributor or dealer.
Important Testing Guidelines

1. Avoid eating, exercising, and bathing for 30 minutes prior to testing.
2. Sit in a calm environment for at least 5 minutes prior to testing.
3. Do not stand while testing. Sit in a relaxed position while keeping your arm level with your heart.
4. Avoid speaking or moving body parts while testing.
5. While testing, avoid strong electromagnetic interference such as microwave ovens and cell phones.
6. Wait 3 minutes or longer before re-testing.
7. Try to measure your blood pressure at the same time each day for consistency.
8. Test comparisons should only be made when monitor is used on the same arm, in the same position, and at the same time of day.
9. This blood pressure monitor is not recommended for people with severe arrhythmia.
10. Do not use this blood pressure monitor if the device is damaged.

Any blood pressure recording can be affected by the following factors:

1. The position of the subject, his or her physiologic condition;
2. The performance and accuracy of the device;
3. Cuff size: too small cuff (bladder) will produce a higher blood pressure value than usual, too big cuff (bladder) will produce a lower blood pressure value;
4. Measuring position does not keep level with your heart;
5. Speaking or moving body parts while testing;
6. Not relaxing for about 5 minutes before taking the measurement.

Quick Start

1. Install batteries. (See Figure A)
2. Insert cuff air plug into the behind side of monitor unit. (See Figure B)
3. Remove thick clothing from the arm area.
4. Rest for several minutes prior to testing. Sit down in a quiet place comfortably, back and arm support on a desk or table, with your legs uncrossed, your arm resting on a firm and your feet flat on the floor. (See Figure C)
5. Apply cuff to your left arm and middle of the cuff at the level of your heart. Bottom of cuff should be placed approximately 1-2 cm (0.4-0.8") above elbow joint. (See Figures D&E)
6. Press "START/STOP" button to start testing.

Unit Operation

Battery Installation

Slide battery cover off as indicated by arrow.
Install 4 new AA alkaline batteries according to polarity.
Close battery cover.

AC Adapter jack is on the back side of the monitor. Medical AC adapter (DC 5.0 V, 1000mA) can be used with the device (recommended, not provided). The adapter connect pin should be positive inside and negative outside with a 2.1mm coaxial joint.
Do not use any other type of AC adapter as it may harm the unit.

Note: Power supply is specified as part of ME EQUIPMENT.
Unit Operation

System Settings

With power off, press "SET" button to activate System Settings. The Memory Group icon flashes.

1. Select Memory Group

While in the System Setting mode, you may accumulate test results into 2 different groups. This allows multiple users to save individual test results (up to 150 memories per group.) Press "MEM" button to choose a group setting. Test results will automatically store in each selected group.

3. Time Format setting

Press "SET" button again to set the time format setting mode. Set the time format by adjusting the "MEM" button. EU means European Time US means U.S Time.

4. Unit Setting

Press "SET" button to enter unit setting mode. Set format by pressing the "MEM" button.

5. Voice Setting

Press "SET" button to enter voice setting mode. Set voice format ON or OFF by pressing the "MEM" button.

6. Volume Setting

Press "SET" button to enter volume setting mode. Set the voice volume by adjusting the "MEM" button. There are six volume levels.

7. Saved Settings

While in any setting mode, press "START/STOP" button to turn the unit off. All information will be saved.

Note: If unit is left on and not in use for 3 minutes, it will automatically save all information and shut off.

Applying the Arm Cuff

1. Firmly insert air plug into opening located on behind side of monitor unit.

2. With sticky nylon section facing outward, insert end of cuff underneath metal ring of cuff.

3. Fasten cuff about above the elbow joint. For best results apply cuff to bare arm and keep level with heart while testing.
**Unit Operation**

1. **Power On**
   Press and hold "START/STOP" button to turn the unit on. The LCD screen will appear for one second as unit performs a quick diagnosis. A voice tone will indicate when unit is ready for testing.

   **Testing**

   2. **After cuff inflation, air will slowly rise as indicated by the corresponding cuff pressure value. A flashing " " will appear simultaneously on screen signaling heart beat detection.**

   **Note:** Keep relaxed during testing. Avoid speaking or moving body parts.

   **Result Display**

   The screen will display measurements for systolic and diastolic blood pressure with voice broadcast. A indicator representing the current measurement will appear next to the corresponding WHO Classification.

   **Irregular Heartbeat Indicator**
   If the monitor detects an irregular heart rhythm two or more times during the measuring process, the Irregular Heartbeat Symbol " " appears on screen along with measurement results. Irregular heartbeats are defined as rhythms that are either 25% slower or faster than the average rhythm detected while measuring systolic blood pressure and diastolic blood pressure. Consult your physician if the Irregular Heartbeat Symbol " " frequently appears with your test results.

   **Power Off**
   The "START/STOP" button can be pressed to turn off the unit in any mode. The unit can turn off the power itself about 3 minutes no operation in any mode.

   **Arm Shake Indicator**
   If there is arm movement during the measurement, " " may be shown. Indicates that it may lead to abnormal accurate measurement results. At this time, the LCD will display "Err".

   **Cuff loose Indicator**
   When starting the measurement, " " will be displayed when the cuff is properly wound. When the cuff is too loose, " " will be displayed. At this time, please wear the cuff correctly and start measuring again.

   **Last 3 Tests Average**
   With power off, press the "MEM" button to activate screen display. After the unit performs a self-diagnosis, the screen will display the average test results from the last 3 readings of the last group used. The "AVG" symbol will appear along with the corresponding WHO Blood Pressure Indicator. The Memory Check mode can be accessed by pressing "MEM" button. To check the average results from other groups, select the desired group first prior to activating "SET" button in the off position. (See "Select Memory Group" on Page 11)

   **Memory Check**
   You may check past test results by using the "MEM" button. The most recent test result and oldest test result in memory can be viewed by pressing and holding the "MEM" button. Upon activating test results, you can press the "MEM" button to scroll through all test results stored in memory.

   **Irregular Heartbeat Indicator**
   If the monitor detects an irregular heart rhythm two or more times during the measuring process, the Irregular Heartbeat Symbol " " appears on screen along with measurement results. Irregular heartbeats are defined as rhythms that are either 25% slower or faster than the average rhythm detected while measuring systolic blood pressure and diastolic blood pressure. Consult your physician if the Irregular Heartbeat Symbol " " frequently appears with your test results.

   **Power Off**
   The "START/STOP" button can be pressed to turn off the unit in any mode. The unit can turn off the power itself about 3 minutes no operation in any mode.

   **Safety Precaution:** If pressure in arm cuff becomes too extreme while testing, press the "START/STOP" button to turn power off. The cuff pressure will rapidly dissipate once the unit is off.

   **Arm Shake Indicator**
   If there is arm movement during the measurement, " " may be shown. Indicates that it may lead to abnormal accurate measurement results. At this time, the LCD will display "Err".

   **Cuff loose Indicator**
   When starting the measurement, " " will be displayed when the cuff is properly wound. When the cuff is too loose, " " will be displayed. At this time, please wear the cuff correctly and start measuring again.
Unit Operation

**Memory Deletion**
Memory for a selected group may be deleted while in Memory Check mode. Press and hold the "SET" button for approximately 3 seconds to delete all memory records from the selected group. With voice broadcast "Memory Clear" and then transfer into testing mode. Press the "START/STOP" button to turn the unit off.

**Low Battery Indicator**
The unit will broadcast "Low Battery" when battery life is depleting and unable to inflate cuff for testing. The " display simultaneously for approximately 5 seconds prior to shutting off. Replace batteries at this time. No memory loss will occur throughout this process.

**Unit Operation**

- **Pairing your monitor with a Smart Device**
  1. Open the “blood pressure monitor” and follow the pairing instructions shown on your smart phone.
  
  The date and time on your monitor will automatically be set when you pair it with your smart device.

- **Transfer your readings**
  1. As soon as your measurement is complete, open the app on your smart phone to transfer your readings.

  Note: On the paired smartphone, Bluetooth must be enabled.

  2. You can view your blood pressure readings on the app.

- **Static Pressure Measurement**
  In the power down state, press and hold the "START/STOP" button, install the batteries. Until the LCD screen is full, release the "START/STOP" button.

When the LCD screen displays the double zero, the blood pressure meter is in static state.

**Bluetooth connection**
- Using for the first time
  
  2. Open the App on your phone or tablet. If requested, you should enable Bluetooth on your device. You can enable Bluetooth under the Settings menu on your smart phone or tablet.

  3. Create a new user login, or login with your existing user name and password.

  4. Select device “Blood pressure monitor”.

**Troubleshooting**

<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible Cause</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cuff is too tight or not properly positioned on the arm</td>
<td>Firmly reposition cuff approximately 1-2cm (1/2&quot;) above the elbow joint (See Page 12)</td>
<td></td>
</tr>
</tbody>
</table>

| Blood pressure results are not within typical range | Inaccurate test results due to body movement or monitor movement | Sit in a relaxed position with arm placed near heart. Avoid speaking or moving body parts while testing. Make sure the monitor unit is placed in a stationary position throughout the testing period. (See Page 7) |

| Improper operation | Cuff fails to inflate properly | Make sure hose is properly fastened to cuff and monitor unit |

| "Err" displayed | Pressurization is over cuff rated pressure 300mmHg | Read user manual carefully and re-test properly. |

| Connection failure / Data is not being transmitted | The blood pressure monitor might not be properly placed within the smart device’s transmission range and is too far from the smart device. | If there are no causes of data transmission interference found near the blood pressure monitor, move the blood pressure monitor within 16ft (5m) of the smart device and try again. |

| The blood pressure did not pair successfully to the smart device | The application on the smart device is not ready. | Try to pair the devices once again. |

| The blood pressure monitor might not be properly placed within the smart device’s transmission range | Check the application then try sending the data again. |
Blood Pressure

Blood pressure is the force of blood pushing against the walls of arteries. It is typically measured in millimeters of mercury (mmHg). Systolic blood pressure is the maximum force exerted against blood vessel walls each time the heart beats. Diastolic blood pressure is the force exerted on blood vessels when the heart is resting between beats.

An individual’s blood pressure frequently changes throughout the course of a day. Excitement and tension can cause blood pressure to rise, while drinking alcohol and bathing can lower blood pressure. Certain hormones like adrenaline (which your body releases under stress) can cause blood vessels to constrict, leading to a rise in blood pressure.

If these measuring numbers become too high, it means the heart is working harder than it should.

Health Reminder

Hypertension is a dangerous disease that can affect the quality of life. It can lead to a lot of problems including heart failure, kidney failure, and cerebral hemorrhaging. By maintaining a healthy lifestyle and visiting your physician on a regular basis, hypertension and relative diseases are much easier to control when diagnosed in their early stages.

Blood Pressure Information

**WHO Blood Pressure Classification Indicator**

The DBP-6273B is equipped with a classification indicator based on established guidelines from the World Health Organization. The chart below (color coded on monitor unit) indicates test results.

<table>
<thead>
<tr>
<th>Blood Pressure Classification</th>
<th>Systolic (mmHg)</th>
<th>Diastolic (mmHg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Optimal</td>
<td>120</td>
<td>75</td>
</tr>
<tr>
<td>Normal</td>
<td>115</td>
<td>70</td>
</tr>
<tr>
<td>High-normal</td>
<td>105-114</td>
<td>65</td>
</tr>
<tr>
<td>Mild Hypertension</td>
<td>100-104</td>
<td>60-64</td>
</tr>
<tr>
<td>Moderate Hypertension</td>
<td>120-139</td>
<td>75</td>
</tr>
<tr>
<td>Severe Hypertension</td>
<td>140-159</td>
<td>80-89</td>
</tr>
</tbody>
</table>

**Blood Pressure Q&A**

**Q:** What is the difference between measuring blood pressure at home or at a professional healthcare clinic?

**A:** Blood pressure readings taken at home are now seen to give a more accurate account as they better reflect your daily life. Readings can be elevated when taken in a clinical or medical environment. This is known as White Coat Hypertension and may be caused by feeling anxious or nervous.

**Note:** Abnormal test results may be caused by:
1. Improper cuff placement
   - Make sure cuff is snug—not too tight or too loose.
   - Make sure bottom of the cuff is approximately 1-2cm (1/2”) above the elbow joint.
2. Improper body position
   - Make sure to keep your body in an upright position.
3. Feeling anxious or nervous
   - Take 2-3 deep breaths, wait a few minutes and resume testing.

**Q:** What causes different readings?

**A:** Blood pressure varies throughout the course of a day. Many factors including diet, stress, cuff placement, etc. may affect an individual's blood pressure.

**Q:** Should I apply the cuff to the left or right arm? What is the difference?

**A:** Either arm can be used when testing, however, when comparing results, the same arm should be used. Testing on your left arm may provide more accurate results as it is located closer to your heart.

**Q:** What is the best time of day for testing?

**A:** Morning time or any time you feel relaxed and stress free.
Specifications

<table>
<thead>
<tr>
<th>Product Description</th>
<th>Arm-type Fully Automatic Blood Pressure Monitor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>DBP-6273B</td>
</tr>
<tr>
<td>Display</td>
<td>LCD Digital Display</td>
</tr>
<tr>
<td></td>
<td>Size: 95.5mm × 54.5mm (3.76&quot; x 2.15&quot;)</td>
</tr>
<tr>
<td>Measurement Method</td>
<td>Oscillometric Method</td>
</tr>
<tr>
<td>Measurement Range</td>
<td>Systolic Pressure: 60mmHg to 260mmHg</td>
</tr>
<tr>
<td></td>
<td>Diastolic Pressure: 30mmHg to 290mmHg</td>
</tr>
<tr>
<td></td>
<td>Pressure: ±3mmHg</td>
</tr>
<tr>
<td></td>
<td>Pulse: 30 to 180 Beats/Minute</td>
</tr>
<tr>
<td></td>
<td>Pulse: ±5%</td>
</tr>
<tr>
<td>Pressurization</td>
<td>Automatic Pressurization</td>
</tr>
<tr>
<td>Memory</td>
<td>2x60 Memories in Two Groups with Date and Time</td>
</tr>
<tr>
<td>Function</td>
<td>Irregular Heartbeat Detection</td>
</tr>
<tr>
<td></td>
<td>WHO Classification Indicator</td>
</tr>
<tr>
<td></td>
<td>Last 3 Tests Average</td>
</tr>
<tr>
<td></td>
<td>Low Battery Detection</td>
</tr>
<tr>
<td></td>
<td>Automatic Power-Off</td>
</tr>
<tr>
<td></td>
<td>Voice</td>
</tr>
<tr>
<td></td>
<td>Backlight</td>
</tr>
<tr>
<td>Power Source</td>
<td>3 AAA batteries or Medical AC Adapter (DC5.0V, 1000mA) (recommended, not provided)</td>
</tr>
<tr>
<td>Battery Life</td>
<td>Approximately 2 months at 3 tests per day</td>
</tr>
<tr>
<td>Unit Weight</td>
<td>Approx. 265g (9.35 oz.) (excluding battery)</td>
</tr>
<tr>
<td>Unit Dimensions</td>
<td>Approx. 142.5 x 107.2 x 44mm (5.61&quot; x 4.22&quot; x 1.73&quot;)</td>
</tr>
<tr>
<td>Cuff Circumference</td>
<td>Medium cuff: Fits arm circumference 22-36 cm</td>
</tr>
<tr>
<td>Operating Environment</td>
<td>Temperature: 10℃ ~ 40℃ (50°F ~ 104°F)</td>
</tr>
<tr>
<td></td>
<td>Humidity: 15% ~ 93% RH</td>
</tr>
</tbody>
</table>

Specifications

Operating Environment

<table>
<thead>
<tr>
<th>Pressure</th>
<th>800hPa ~ 1060hPa</th>
</tr>
</thead>
</table>

Storage Environment

| Temperature | -25℃ ~ -55℃ (-13°F ~ -131°F) |
| Humidity    | ≤93% RH                      |

Transport Environment

| Temperature | -25℃ ~ -55℃ (-13°F ~ -131°F) |
| Humidity    | ≤93% RH                      |

Bluetooth

| Modulation Type | GFSK                          |
| Version         | 5.0.1 BT Signal mode          |
| Operation frequency | 2.4GHz (2400 ~ 2483.5MHz) |
| Antenna gain    | 0.5 dB                       |
| Bandwidth       | 2.0 MHz                      |

Classification

Internal Powered Equipment, Type BF, Cuff is the Applied Part

Ingress Protection rating

IP 20 Indoor Use Only

Battery Shelf Life

60 months

Battery Storage Temperature

-25℃ ~ -55℃ (-13°F ~ -131°F)

Specifications are subject to change without notice.

This Blood Pressure Monitor complies with the European regulations and bears the CE mark "CE 0197". This blood pressure monitor also complies with the following standards (included but not limited):

Safety standard:
EN 60601-1 Medical electrical equipment part 1: General requirements for safety

Performance standards:
EN 1066-3 Non-invasive sphygmomanometers - Supplementary requirements for electromechanical blood pressure measuring systems.
ISO 81060-2, non-invasive sphygmomanometers - part 2: clinical validation of automated measurement type.
### Electromagnetic Compatibility Information

The device satisfies the EMC requirements of the international standard IEC 60601-1-2. The requirements are satisfied under the conditions described in the table below. The device is an electrical medical product and is subject to special precautionary measures with regard to EMC which must be published in the instructions for use. Portable and mobile HF communications equipment can affect the device. Use of the unit in conjunction with non-approved accessories can affect the device negatively and alter the electromagnetic compatibility. The device should not be used directly adjacent to or between other electrical equipment.

<table>
<thead>
<tr>
<th>Table 1</th>
<th>Guidance and declaration of manufacturer-electromagnetic immunity</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Emissions test</strong></td>
<td><strong>Compliance</strong></td>
</tr>
<tr>
<td>Radiated emission CISPR 11-1</td>
<td>Group 1, class B.</td>
</tr>
<tr>
<td>Conducted emission CISPR 11</td>
<td>Group 1, class B.</td>
</tr>
<tr>
<td>Harmonic emissions IEC 61000-3-2</td>
<td>Class A</td>
</tr>
<tr>
<td>Voltage Fluctuations/ flicker emissions IEC 61000-3-3</td>
<td>Complies</td>
</tr>
</tbody>
</table>

### Electromagnetic Compatibility Information

Table 2

Guidance and declaration of manufacturer-electromagnetic immunity

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

<table>
<thead>
<tr>
<th>IMMUNITY test</th>
<th>IEC 60601 test level</th>
<th>Compliance level</th>
<th>Electromagnetic environment -guidance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electrostatic discharge (ESD) IEC 61000-4-2</td>
<td>± 8 kV contact</td>
<td>± 8 kV contact</td>
<td>Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%.</td>
</tr>
<tr>
<td>Electrostatic transient/burst IEC 61000-4-4</td>
<td>± 2 kV 100kHz, for AC power port</td>
<td>± 2 kV, 100kHz, for AC power port</td>
<td>Mains power quality should be that of a typical commercial or hospital environment.</td>
</tr>
<tr>
<td>Surge IEC 61000-4-5</td>
<td>±0.5kV, ±1kV (differential mode)</td>
<td>±0.5kV, ±1kV (differential mode)</td>
<td>Mains power quality should be that of a typical commercial or hospital environment.</td>
</tr>
<tr>
<td>Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11</td>
<td>0 % UT; 0.5 cycle at 0°, 45°, 90°, 135°, 180°, 225°, 270° and 315°</td>
<td>0 % UT; 0.5 cycle at 0°, 45°, 90°, 135°, 180°, 225°, 270° and 315°</td>
<td>Mains power quality should be that of a typical commercial or hospital environment.</td>
</tr>
<tr>
<td>Power frequency (50/60 Hz) magnetic field IEC 61000-4-8</td>
<td>30 A/m; 50Hz or 60Hz</td>
<td>30 A/m; 50Hz or 60Hz</td>
<td>Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.</td>
</tr>
</tbody>
</table>

### Electromagnetic Compatibility Information

Table 2 (continued)

Guidance and declaration of manufacturer-electromagnetic immunity

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

<table>
<thead>
<tr>
<th>IMMUNITY test</th>
<th>IEC 60601 test level</th>
<th>Compliance level</th>
<th>Electromagnetic environment -guidance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Radiated RF electromagnetic fields IEC 61000-4-3</td>
<td>3V/m or 10 V/m at 80MHz-2.7GHz 80% AM at 1kHz</td>
<td>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 applicable to the frequency of the transmitter. Recommended separation distance 80 MHz to 800 MHz 2.5 to 2.7 GHz where $P$ is the maximum output power rating of the transmitter in watts ($W$) according to the transmitter manufacturer and $d$ is the recommended separation distance in metres ($m$). Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey, should be less than the compliance level in each frequency range. Interference may occur in the vicinity of equipment marked with the following symbol: $\mathcal{A}$.</td>
<td></td>
</tr>
<tr>
<td>Conducted disturbances induced by RF electromagnetic fields IEC 61000-4-6</td>
<td>3 V in 0.15 MHz- 80 MHz and/or amateur radio bands between 0.15 MHz and 80 MHz 80 % AM at 1kHz</td>
<td>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 applicable to the frequency of the transmitter. Recommended separation distance 80 MHz to 800 MHz 2.5 to 2.7 GHz where $P$ is the maximum output power rating of the transmitter in watts ($W$) according to the transmitter manufacturer and $d$ is the recommended separation distance in metres ($m$). Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey, should be less than the compliance level in each frequency range. Interference may occur in the vicinity of equipment marked with the following symbol: $\mathcal{A}$.</td>
<td></td>
</tr>
</tbody>
</table>
Electromagnetic Compatibility Information

Table 3

Guidance and declaration of manufacturer-electromagnetic immunity

Nowadays, many RF wireless equipments have been using in various healthcare locations where medical equipment and/or systems are used. When they are used in close proximity to medical equipment and/or systems, the medical equipment and/or systems’ basic safety and essential performance may be affected. Arm-type Fully Automatic Digital Blood Pressure Monitor has been tested with the immunity test level in the below table and meet the related requirements of IEC 60601-1-2:2014. The customer and/or user should help keep a minimum distance between RF wireless communications equipment and this medical equipment and/or systems as recommended below.

<table>
<thead>
<tr>
<th>Test frequency (MHz)</th>
<th>Band (MHz)</th>
<th>Service</th>
<th>Modulation</th>
<th>Maximum power (W)</th>
<th>Distance (m)</th>
<th>Immunity test level (V/m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>385</td>
<td>380-390</td>
<td>TETRA 400</td>
<td>Pulse modulation</td>
<td>1.8</td>
<td>0.3</td>
<td>27</td>
</tr>
<tr>
<td>450</td>
<td>430-470</td>
<td>GMS 500</td>
<td>Pulse modulation</td>
<td>2</td>
<td>0.3</td>
<td>28</td>
</tr>
<tr>
<td>710</td>
<td>704-787</td>
<td>LTE Band 13, 17</td>
<td>Pulse modulation</td>
<td>0.2</td>
<td>0.3</td>
<td>9</td>
</tr>
<tr>
<td>810</td>
<td>800-960</td>
<td>GSM 800/900, TETRA 900</td>
<td>Pulse modulation 18Hz</td>
<td>2</td>
<td>0.3</td>
<td>28</td>
</tr>
<tr>
<td>870</td>
<td>800-960</td>
<td>GSM 800/900</td>
<td>Pulse modulation</td>
<td>2</td>
<td>0.3</td>
<td>28</td>
</tr>
<tr>
<td>1720</td>
<td>1700-1990</td>
<td>GSM 1800; CDMA 1900; GSM 900; DECT;</td>
<td>Pulse modulation 217Hz</td>
<td>2</td>
<td>0.3</td>
<td>28</td>
</tr>
<tr>
<td>1970</td>
<td>1845</td>
<td>LTE Band 3, 4, 25, UMTS</td>
<td>Pulse modulation 217Hz</td>
<td>2</td>
<td>0.3</td>
<td>28</td>
</tr>
<tr>
<td>2450</td>
<td>2400-2570</td>
<td>Bluetooth,WLAN 802.11</td>
<td>Pulse modulation 217Hz</td>
<td>2</td>
<td>0.3</td>
<td>28</td>
</tr>
<tr>
<td>5240</td>
<td>5100-5800</td>
<td>WLAN 802.11 a/n</td>
<td>Pulse modulation 217Hz</td>
<td>2</td>
<td>0.3</td>
<td>9</td>
</tr>
<tr>
<td>5785</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Additional Notes

Important Instructions Before Use

1. 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.

2. 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 Arm-type Fully Automatic Digital Blood Pressure Monitor, including cables specified by the MANUFACTURER. Otherwise, degradation of the performance of this equipment could result.

3. The software identifier refer to the software evaluation report, and the file code is JYRJR090201005.

4. verify manometer pressure accuracy:

   In the power down state, press and hold the "START/STOP" button, and then install the batteries. Until the LCD screen is full, release the "START/STOP" button. When the LCD screen displays the double zero, the bloodpressure meter is in static state. At this point, 500ml gas capacity, calibrated standard pressure gauge and manual pressure device can be connected to the sphygmomanometer through the sleeve interface of the sphygmomanometer, and manual pressure can be applied to the effective display range of the sphygmomanometer, and then the difference between the reading of the sphygmomanometer and that of the standard pressure gauge can be compared. This mode can be used to verify manometer pressure accuracy.

5. Contraindications:

   Product is not intended for infants or individuals who cannot express their intentions.

6. Intended Use:

   The digital blood pressure monitor are reusable for clinical and home use and are non-invasive blood pressure measurement systems designed to measure the systolic and diastolic blood pressure and pulse rate of adolescents and adults individual by using a non-invasive technique, which is a well-known technique in the market called the “oscillometric method”. It can measure the systolic blood pressure, diastolic blood pressure and pulse rate on up-arm, and the device is reusable for clinical or home use.

7. The patient is the operator:

   the PATIENT is an intended OPERATOR

8. WARNING:

   Do not modify this equipment without authorization of the manufacturer.

9. ESSENTIAL PERFORMANCE Maintenance advice:

   Pressure calibration will be carried out when this product leaves the factory. Patients can use the method described in the section "Verify Manometer Pressure Accuracy" to verify the accuracy. If the accuracy deviation is large, please contact the manufacturer to recalibration.

10. Mechanical strength and resistance to heat:

    The resistance to heat will be retained by device during the EXPECTED SERVICE LIFE of the ME EQUIPMENT.

Rational separation distances between portable and mobile RF communications equipment and the device

The device is intended for use in an electromagnetic environment in which radiated therefore 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 (transmitters) and the device as recommended below, according to the maximum output power of the communications equipment.

<table>
<thead>
<tr>
<th>Rated maximum output power of transmitter</th>
<th>Separation distance according to frequency of transmitter</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>80 MHz to 800 MHz</td>
</tr>
<tr>
<td>W</td>
<td>d = 5√(P/100)</td>
</tr>
<tr>
<td>0.01</td>
<td>0.12</td>
</tr>
<tr>
<td>0.1</td>
<td>0.38</td>
</tr>
<tr>
<td>1</td>
<td>1.2</td>
</tr>
<tr>
<td>10</td>
<td>3.8</td>
</tr>
<tr>
<td>100</td>
<td>12</td>
</tr>
</tbody>
</table>

For transmitters rated at a maximum output power not listed above, the recommended separation distance d in metres (m) can be estimated 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 80 MHz and 800 MHz, 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.

Additional Notes

11. Do not place the blood pressure monitor and cuff at will. It will cause asphyxiation if the child swallows or twine around his neck.

12. The cuff and the case of the blood pressure monitor have been tested for biocompatibility and do not contain allergenic or harmful materials. Please stop using it if allergy occurs during use.

13. Warning:

   Non-professionals do not modify the equipment, otherwise it will make the equipment measurement is not accurate.

14. Warning:

   Do not expose the equipment for a long time, otherwise it will reduce the performance of the equipment.

15. Warning:

   This device is not used for children and pets.

16. Clean:

   The equipment can be cleaned by lay operator according to the cleaning procedures in the instructions.

17. Warning:

   Do not use a damaged cuff for blood pressure measurement.

18. Warning:

   When measuring with the cuff, if the tester feels seriously uncomfortable, press the button of the blood pressure monitor to deflate the cuff, or remove the cuff directly from the arm.

19. Warning:

   If an unexpected reading occurs, the operator can take several more measurements and consult a doctor.

20. Warning:

   This equipment is used outside the specified environment, may damage the equipment, and may be inaccurate measurement.

Correct Disposal of This Product

(Waste Electrical & Electronic Equipment)

This marking shown on the product indicates that it should not be disposed with other household waste at the end of its life. To prevent potential harm to the environment or to human health, please separate this product from other types of wastes and recycle it responsibly. When disposing this type of product, contact the retailer where product was purchased or contact your local government office for details regarding how this item can be disposed in an environmentally safe recycling center. Business users should contact their supplier and check the terms and conditions of the purchasing agreement. This product should not be mixed with other commercial wastes for disposal. This product is free of hazardous materials.