



Model: BR705

www.accumed.ch

EN English

Introduction

Blood pressure measurements determined with BR705 are equivalent to those obtained by a trained observer using cuff/stethoscope auscultation method, within the limits prescribed by the American National Standard, Electronic or Automated Sphygmomanometers. This unit is to be used by adult consumers in a home environment. Do not use on devices with 4 neonates. BR705 is resistant against mechanical malfunctioning defects by an established International Warranty Program. For warranty information, you can contact the manufacturer, Rossmax International Ltd. or your local distributors.

Attention: Consult the accompanying documents. Please read this manual carefully before using on you or on your blood pressure. If you are unsure of the correct use of the device, please contact your blood pressure, contact your physician. Please be sure to keep this manual.

How This Unit Works

BR705 uses the oscillometric method to detect your blood pressure. Before the cuff starts inflating, the device will establish a baseline cuff pressure, which is the pressure in the cuff before the measurement of your blood pressure is based on this baseline pressure. After the cuff inflates to block your blood in the artery, the deflation process starts. During the deflation of the wrist cuff, the monitor is detecting the pressure oscillations generated by the beat-to-beat pulsatile.

Preliminary Remarks

This Blood Pressure Monitor complies with the European regulations and bears the CE mark "CE 0120". The quality of the device has been verified and conforms to the provisions of the EC council directive 93/42/EEC (Medical Device Directive), Annex I essential requirements and applied harmonized standards.

EN 1060-1: 1995/A2: 2009 Non-invasive sphygmomanometers - Part 1 - General requirements

EN 1060-3: 1997/A2: 2009 Non-invasive sphygmomanometers - Part 3 - Supplementary requirements for electro-mechanical blood pressure measuring systems

EN 1060-4: 2004 Non-invasive sphygmomanometers - Part 4: Test Procedures to determine the overall system accuracy of automated non-invasive sphygmomanometers.

This blood pressure monitor was designed for long service time. Ensure continued accuracy, it's recommended that all digital blood pressure monitors require re-calibration. This monitor (under normal usage with approx. 3 measurements a day) does not require re-calibration for 2 years.

Blood Pressure Standard

The National High Blood Pressure Education Program Coordinating Committee has developed a blood pressure standard, classifying blood pressure into 4 categories. The Seventh Report of the Joint National Committee on Prevention, Detection, Evaluation, and Treatment of High Blood Pressure-Complete Report JNC-7, 2003). This blood pressure classification are based on historical data, and may not be directly applicable to any particular patient. It is important that you consult with your physician regularly. Your physician will tell you your normal blood pressure range as well as the point at which you will be considered at risk. For reliable monitoring and reference of blood pressure, keeping long-term records is recommended. Please download the blood pressure log at our website www.rossmax.com.

Display Explanations

1. Measure correctly: Measure again. Wrap the cuff correctly and keep wrist steady during measurement. If the error keeps occurring, return the device to your local distributor or service center.

2. Interrupt the measurement, simply press ON/OFF/START key or Memory key; the cuff will deflate immediately.

3. During the measurement, do not talk or move your arm or hand muscles.

4. When the measurement is completed, the cuff will exhaust the pressure inside. Systolic pressure, diastolic pressure and pulse will be shown simultaneously on the LCD screen with the date and time appearing on alternating manner in every 4 second interval. The measurement is the average of the last 3 measurements stored in memory.

5. If the monitor is stored at very low temperature (near freezing), have it placed at a warm location for at least one hour before using it. Wait 5 minutes before taking the next measurement.

6. Press the User-Switching key to select memory zone 1 or memory zone 2 or guest mode.

7. Place the cuff on the wrist. Press the ON/OFF/START key. All digits will light up, checking the display functions. The checking procedure will be completed in 2 seconds.

8. After all symbols appear, the display will show a blinking "0". The monitor is ready to measure and will automatically inflate the cuff to start measurement.

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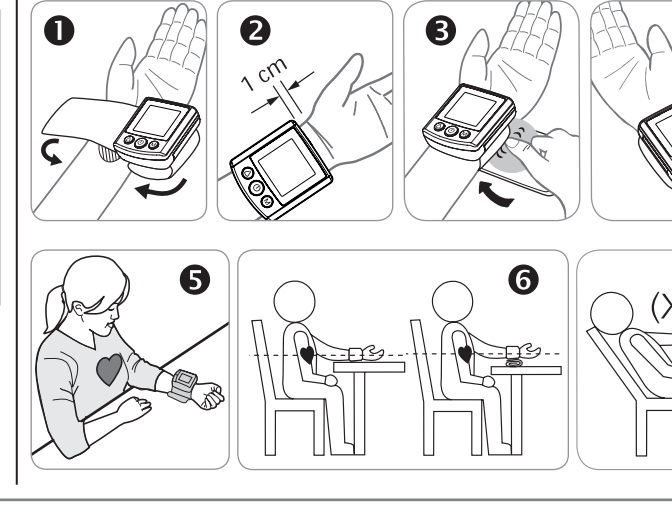
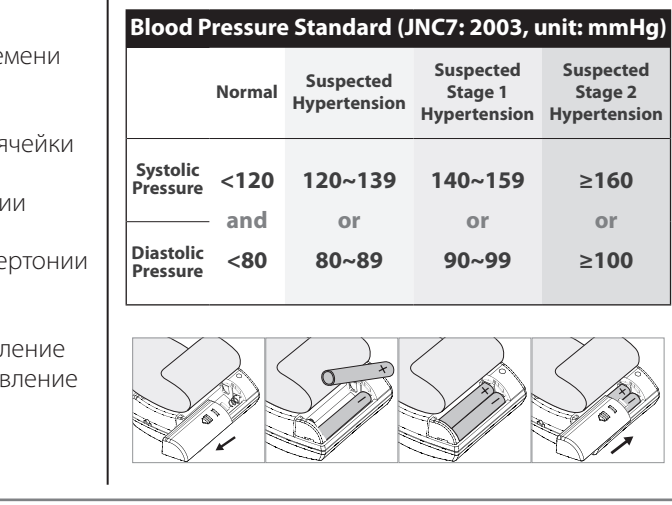
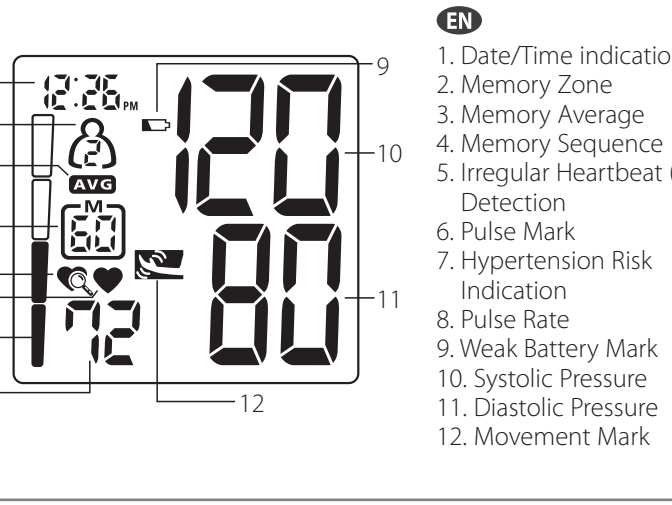
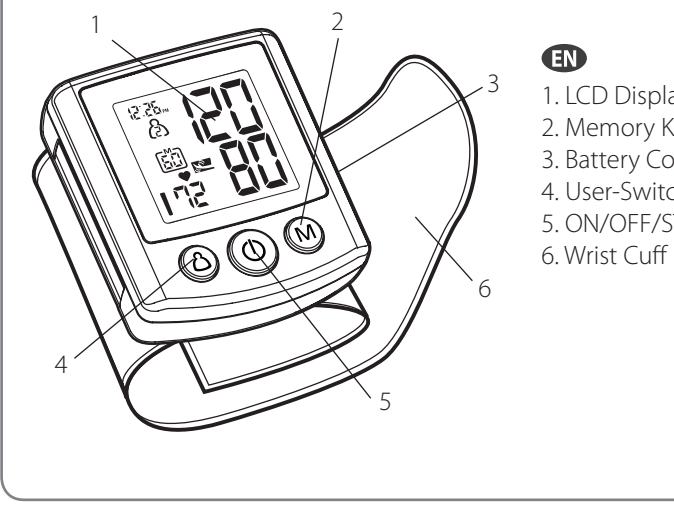
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strongly shocking the main unit, and protect it from dust.

2. Clean the blood pressure monitor body and the cuff carefully with a slightly damp, soft cloth. Do not wash the cuff or use chemical cleaner on it. Never use thinner, alcohol or petrol (gasoline) as cleaner.

3. Leaky batteries can damage the unit. Remove the batteries when the unit is not used for a long time.

4. The unit should not be operated by children so to avoid hazardous situations.

5. If the unit is stored near freezing, allow it to acclimate at room temperature before use.

6. This unit is not field serviceable. You should not use any tool to open the device nor should you attempt to adjust anything inside the device. If you have any problems, please contact the store or the doctor from whom you purchased this unit or please contact Rossmax International Ltd.

7. As a common issue for all blood pressure monitors using the oscillometric measurement function, the device may have difficulty in determining the proper blood pressure for users diagnosed with common arrhythmia (atrial or ventricular premature beats or atrial fibrillation), diabetes, poor circulation of blood, kidney problems, or if users suffered from stroke, or for unconscious users.

8. To stop operation at any time, press the ON/OFF/START key, and the air in the cuff will be rapidly exhausted.

9. Once the inflation reaches 300 mmHg, the unit will start deflating rapidly for safety reasons.

10. Please note that this is a home healthcare product only and it is not intended to serve as a substitute for the advice of a physician or medical professional.

11. Do not use this device for diagnosis or treatment of any health problem or disease. Measurement results are for reference only. Consult a healthcare professional for interpretation of pressure measurements. Contact your physician if you have or suspect any medical problem. Do not change your treatment without the advice of your physician or healthcare professional.

12. Electromagnetic interference: The device contains sensitive electronic components. Avoid strong electrical or electromagnetic fields in the direct vicinity of the device (e.g. mobile telephones, microwave ovens). These may lead to temporary impairment of measurement accuracy.

13. Dispose of device, batteries, components and accessories according to local regulations.

14. This monitor may not meet its performance specification if stored or used outside temperature and humidity ranges specified in Specifications.

15. Blood pressure recording can be affected by the position of the user, his or her physical condition and other factors. For greatest accuracy, wait one hour after exercising, bathing, eating drinking beverages with alcohol or caffeine, or smoking to measure blood pressure.

16. Before measurement, it's suggested that you sit quietly for at least 5 minutes as measurement taken during a relaxed state will have greater accuracy. You should not be physically tired or exhausted while taking a measurement.

17. Do not take measurements if you are under stress or tension.

18. During measurement, do not talk or move your arm or hand muscles.

19. Take your blood pressure at normal body temperature. If you are feeling cold or hot, wait while before taking a measurement.

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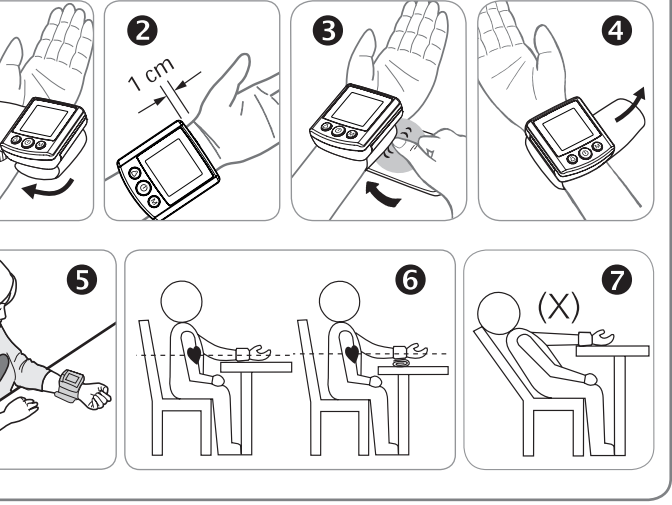
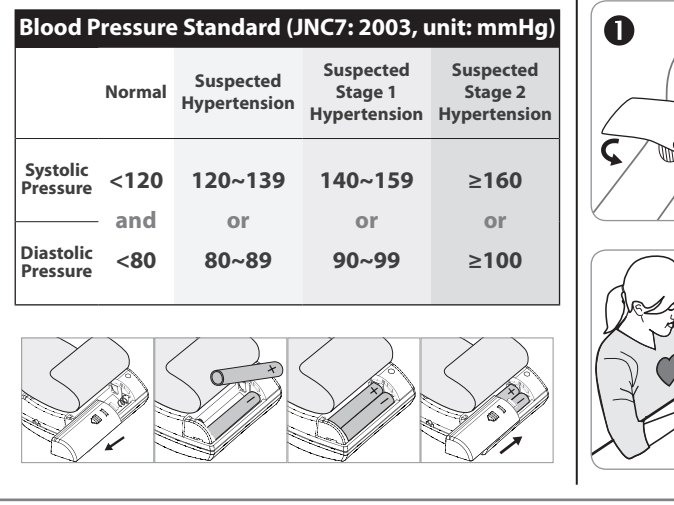
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1. Indication de date/heure

2. Zone de mémoire

3. Mémoire Moyenne

4. Numéro d'enregistrement

5. Détecteur de trouble du rythme cardiaque (IHB) Detection

6. Pulse Mark

7. Hypertension Risk Indication

8. Pulse Rate

9. Weak Battery Mark

10. Systolic Pressure

11. Diastolic Pressure

12. Movement Mark

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