



EN
1. Arm Cuff
2. LCD Display
3. Air Tube and Connector
4. Inflating Bulb

DE
1. Oberarmmanschette
2. LCD-Anzeige
3. Luftschlucht und Anschluss
4. Gummiball zum Aufpumpen

EN
5. Memory Key
6. ON/OFF Key
7. Battery Cover

DE
5. „Speicher“-Taste
6. Taste ON/OFF
7. Batteriefachdeckel

ES
1. Brazalete
2. Pantalla LCD
3. Tubo de aire y conector
4. Pera de inflado

FR
1. Brassard pour bras
2. Ecran LCD
3. Tuyau d'air et connecteur
4. Poire gonflable

EN
5. Botón de memoria
6. Botón de ENCENDIDO/APAGADO
7. Tapa de pilas

DE
5. Touche Mémoire
6. Touche ON/OFF
7. Couvercle du logement des piles

EN
1. Inflation/deflation
2. Weak Battery Mark
3. Memory Mark
4. Irregular Heartbeat (IHB) Detection

DE
1. Erinnerung zum Aufpumpen/
Entlasten
2. Symbol für erschöpfte Batterie
3. Speichersymbol

EN
5. Systolic Pressure
6. Diastolic Pressure
7. Pulse Rate
8. Pulse Mark

DE
4. Indikator für unregelmäßigen Herzschlag (IHB)
5. Systolischer Druck
6. Diastolischer Druck
7. Pulsschlag
8. Pulsmarkierung

EN
1. Aviso de inflado/ desinflado
2. Marca de pila baja
3. Marca de memoria
4. Detector de arritmia cardíaca

DE
1. Rappel de gonflage/ dégonflage
2. Icône "Faible état de charge"
3. Icône de la mémoire

EN
5. Presión sistólica
6. Presión diástólica
7. Frecuencia del pulso
8. Marca del pulso

DE
4. DéTECTeur de trouble du rythme cardiaque (IHB)
5. Pression systolique
6. Pression diastolique
7. Pouls
8. Icône du pouls

EN
Normal <120 and <80

DE
Suspected Hypertension 120~139 or 80~89

EN
Suspected Stage 1 140~159 or 90~99

DE
Suspected Hypertension Stage 2 ≥160 or ≥100

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Blood Pressure Standard (JNC7: 2003, unit: mmHg)
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EN English

Introduction
Blood pressure measurements determined with CH91 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 as consumer products. Do not use this device by infants or children. CH91 is protected against manufacturing defects by its manufacturer, Rossmax International Ltd.

Attention: Consult the accompanying documents. Please read this manual carefully before use. For specific information on your own blood pressure, contact the manufacturer, Rossmax International Ltd.

This Blood Pressure Monitor complies with the European regulations and bears the CE mark «CE 1639». The quality of the device has been verified and conforms to the provisions of the EU directive 93/42/EEC (Medical Device Directive), Annex I essential requirements and applied harmonized standards.

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

EN 1060-3: 1997/AZ: 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

EN 01860-2: 2013 Non-invasive sphygmomanometers - Part 2: Clinical investigation of automated measurement type

EN 01860-3: 2013 Non-invasive sphygmomanometers - Part 3: Requisitos suplementarios aplicables a los sistemas electrónicos de medición de la presión sanguínea

EN 01860-4: 2004 Non-invasive sphygmomanometers - Part 4: Test procedures to determine the overall system accuracy of automated non-invasive sphygmomanometers

EN 01860-5: 2013 Non-invasive sphygmomanometers - Part 5: Requirements for the use of automated blood pressure monitoring

Recalling Values from Memory

To read memory values, press the Memory key. The memory values will be shown on the LCD display. The last measurement will be shown first. Every new press of the Memory key calls for one prior value stored.

Note: The memory bank can store up to 90 readings. When the memory capacity exceeds 90 readings, the oldest data will be replaced with the new record.

Clearing Values from Memory

Press and hold the Memory key for approximately 5 seconds, then the data in the memory zone can be erased automatically.

Troubleshooting

If any abnormality will arise during use, please check the following points.

Symptoms

If any abnormality will arise during use, please check the following points.

Check Points

Correction

Have the batteries run down? Replace them with four new ones.

Do not display when the ON/OFF key is pressed? Re-set the batteries in the correct positions.

Is the cuff placed correctly? Wrap the cuff properly so that it is positioned correctly.

Is the cuff pressure pump enough? (50~60 mmHg) up to 50~60 mmHg more than normal systolic value?

Did you turn or move during measurement? Measure it again.

Did you vigorously shake the cuff during measurement? Keep arm steady during measurement.

Note: If the unit still does not work, return it to your dealer. Under no circumstances should you disassemble and repair the unit by yourself.

Cautions Notes

The unit contains high-precision assemblies. Therefore, avoid extreme temperatures, humidity and direct sunlight. Avoid dropping or 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 handled by children so as 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 for 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 the indication of non-serviceable.

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