

Premium Plus Automatic Blood Pressure Monitor

Model #: RX812
Instruction Manual



Recommended by
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Hypertension Canada
Gold | Or

Instruction Manual

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1. Introduction

Designed for convenient and easy operation, the Rexall™/MC Premium Plus blood pressure monitor provides a simple, yet accurate method to measure your blood pressure.


Your blood pressure is an important parameter that can be used to monitor your health. This device enables you to monitor your blood pressure regularly, and maintain a record of your blood pressure measurements. You can then use this record to assist your physician in diagnosing and maintaining a healthy blood pressure level.

1.1. Features

The monitor is a fully automatic digital blood pressure measuring device with a unique fuzzy logic technology and a large LCD screen. It can store up to 120 blood pressure readings for each of the 2 users.

It provides a fast and reliable measurement of systolic and diastolic blood pressure as well as heart rate using the oscillometric measurement method.



PAD - Pulse Arrhythmia Detection Technology displays pulse irregularities detected during a blood pressure reading. However, if the PAD symbol  appears on a regular basis (e.g. several times a week with measurement taken daily), we advise you to consult your doctor.

- **Hypertension Classification Indicator** displays the range between which your blood pressure values lie.
- **Memory Feature** can store 120 blood pressure readings for 1 user with time and date.

Blood pressure measurement devices improve technological advances. Likewise, the standards for validating these devices as accurate are also improving. Various standards exist globally to gauge the accuracy of blood pressure measurement devices. Those with a Gold rating meet the highest and most current international standards.

This device is easy to use and has been proven in clinical studies to provide excellent accuracy. Before using the blood pressure monitor, read this instruction manual carefully and keep it in a safe place.

1.2 Important Information

Refer to the following sections to learn about important safety instructions and how to take care of the Rexall™/MC Premium Plus blood pressure monitor.

1.2A Safety Information

- Self-measurement means control, not diagnosis or treatment. Your values must always be discussed with your doctor or a physician who is familiar with your family history.
- If you are undergoing medical treatment and receiving medication, consult your doctor to determine the most appropriate time to measure your blood pressure. Never alter the dosages of any medication without direction from your doctor.
- Your blood pressure depends on several factors, such as age, gender, weight and physical condition. It also depends on the environment and your state of mind at the time of measurement. In general, your blood pressure is lower when you are asleep and higher when you are active. Your blood pressure may be higher when recorded at a hospital or a clinic and may be lower when measured in the relaxing comfort of your home. Due to these variations, we recommend that you record your blood pressure regularly at home as well as at your doctor's clinic.
- Try to record your blood pressure regularly at the same time of the day and under the same conditions. This will help your physician detect any extreme variations in your blood pressure and thus treat you accordingly.

- Morning Hypertension (> 135 / 85 mm Hg): Recently, several studies have identified elevated cardiovascular risks (heart failure, stroke, angina) associated with “morning hypertension”. There is a typical rise in blood pressure during the physiological changes from sleep to arising for the day.
- The ideal time to measure your blood pressure is in the morning just after you wake up, before breakfast and any physical activity, and in the absence of the urge to urinate. If this is not possible, try to take the measurements later in the morning, before you start any physical activity. Relax for a few minutes before you record your blood pressure.
- Your blood pressure increases or decreases under the following circumstances:

Blood pressure is higher than normal:

- when you are excited, nervous, or tense
- while taking a bath
- during and after exercise or strenuous physical activity
- when it is cold
- within one hour after meals
- after drinking tea, coffee, or other caffeinated drinks
- after smoking tobacco
- when your bladder is full

Blood pressure is lower than normal:

- after consuming alcohol
- after taking a bath

- The pulse display is not suitable for checking the frequency of heart pacemakers.
- If you have been diagnosed with a severe arrhythmia or irregular heartbeat, vascular constriction, liver disorder or diabetes, have a cardiac pacemaker, or are pregnant, measurements made with this instrument should only be evaluated after consultation with your doctor.
- Take care while handling the batteries in the device. Incorrect usage may cause battery fluid leakage.

To prevent such accidents, refer to the following instructions:

- Insert batteries with the correct polarity.
- Turn off power after use. Remove and store the batteries if you are not planning to use the device for an extended period of time.
- **Do not** mix different types, brands, or sizes of batteries. This may cause damage to the product.
- **Do not** mix old and new batteries.
- Remove batteries and dispose of them according to the proper regulations in your area.
- **Do not** disassemble batteries or expose them to heat or fire.
- **Do not** short circuit the batteries.
- **Do not** use rechargeable batteries.

1.2B Care of the Device

For prolonged life of your blood pressure monitor, note the following instructions:

- **Do not** drop or bang the unit. Prevent sudden jerks, jars or shocks to the device to prevent damage.
- **Do not** insert any foreign objects in any device openings or vents.
- **Do not** disassemble the unit.
- If the unit has been stored at very low or freezing temperatures, allow to reach room temperature before using it.
- **Do not** store the unit in direct sunlight, high humidity or in places with a lot of dust.
- Clean the device with a soft dry cloth. **Do not** use gasoline, thinner or similar solvents. Carefully remove spots on the cuff with a damp cloth and soap. **Do not** wash the cuff.

1.3 About Blood Pressure

Your blood pressure level is determined in the circulatory center of your brain. Your nervous system allows your body to adapt or alter blood pressure in response to different situations. Your body alters your pulse or heart rate and the width of blood vessels through changes in muscles in the walls of blood vessels.

Your blood pressure reading is highest when your heart pumps or ejects blood. This stage is called your systolic blood pressure.

Your blood pressure is lowest when the heart rests (in between beats). This is called your diastolic blood pressure.

It is critical to maintain blood pressure values within a “normal” range in order to prevent cardiovascular diseases. Increased blood pressure values (various forms of hypertension) have associated long- and medium-term health risks. These risks concern the arterial blood vessels of your body, which are endangered due to constriction caused by deposits in the vessel walls (arteriosclerosis). A deficient supply of blood to important organs (heart, brain, muscles) can be the result. Furthermore, with long term increased blood pressure values, the heart will become structurally damaged.

There are many different causes of the appearance of high blood pressure. We differentiate between common primary (essential) hypertension, and secondary hypertension. The latter group can be attributed to specific organic malfunctions. Please consult your doctor for information about the possible origins of your own increased blood pressure values.

1.4. Normal Blood Pressure Values

Blood pressure is too high when measuring at home and you have rested, the diastolic pressure is above 85 mmHg or the systolic blood pressure is over 135 mmHg. If you obtain readings in this range, consult your doctor immediately. High blood pressure values over time can damage blood vessels, vital organs such as the kidney, and your heart.

With blood pressure values that are too low (i.e., systolic values under 105 mmHg or diastolic values under 60 mmHg), consult with your doctor.

Systolic	Diastolic	Comment
Below 120	Less than 80	This range is considered "Normal" and ideal
120 - 139	80 – 89	This range is considered " Pre-hypertension ": Discuss with your health care professional. Lifestyle modifications maybe required to avoid advancing into hypertension.
140 – 159	90 - 99	This is in the hypertension range. Discuss with your health care professional. Medication(s) and lifestyle modifications are typical treatments.
160 and higher	100 +	Discuss with your medical professional, medication(s) and lifestyle modifications are necessary to control your hypertension

Adopted From: Understanding and Managing your blood pressure; Hypertension Canada.

Note: A diagnosis of high blood pressure must be confirmed with a medical professional. A doctor should evaluate any unusual blood pressure readings. Additionally, lower targets may be appropriate for some populations such as African-Americans, the elderly, or patients with underlying issues such as diabetes mellitus or chronic kidney disease.

Important for Canadians:

* Hypertension measured at home $\geq 135/85$

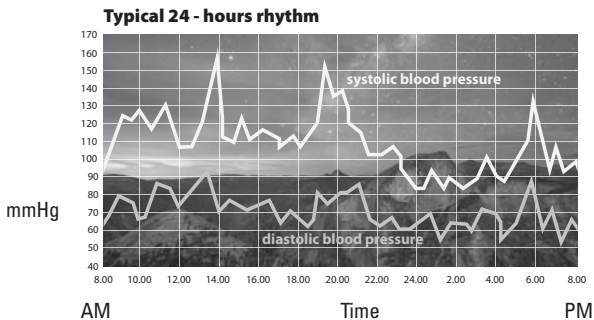
* Hypertension measured at a physician's office $\geq 140/90$

* Hypertension measured at a physician's office for a diabetic patient $\geq 130/80$

1.5 Common Blood Pressure Questions and Answers

a) Why is my blood pressure reading always different?

Your blood pressure changes constantly. It is quite normal for blood pressure to fluctuate significantly (50 mmHg to 60 mmHg) throughout the day. Blood pressure is normally lowest at night, but increases during waking hours when the stress and activities of everyday life are highest.



Your blood pressure also increases and decreases under the following circumstances

Blood pressure is higher than normal:

- when you are excited, nervous, or tense
- while taking a bath
- during and after exercise or strenuous physical activity
- when it is cold
- within one hour after meals
- after drinking tea, coffee, or other caffeinated drinks
- after smoking tobacco
- when your bladder is full

Blood pressure is lower than normal:

- after consuming alcohol
- after taking a bath

b) Why is the doctor's reading different from the reading taken at home?

Your blood pressure can vary due to the environment (temperature, nervous condition). When measuring blood pressure at the doctor's office, it is possible for blood pressure to increase due to anxiety and tension.

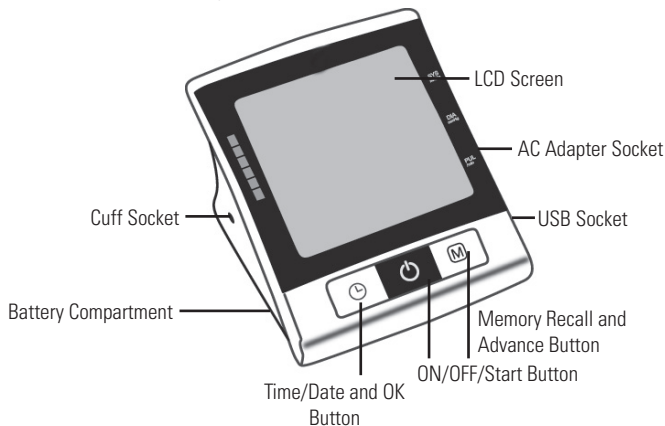
c) Why should I monitor blood pressure at home?




One or two readings will not provide a true indication of your normal blood pressure. It is important to take regular, daily measurements and to keep records over a period of time. This information can be used to assist your physician in diagnosing and preventing potential health problems.

2. Getting Started

2.1 About the blood pressure monitor

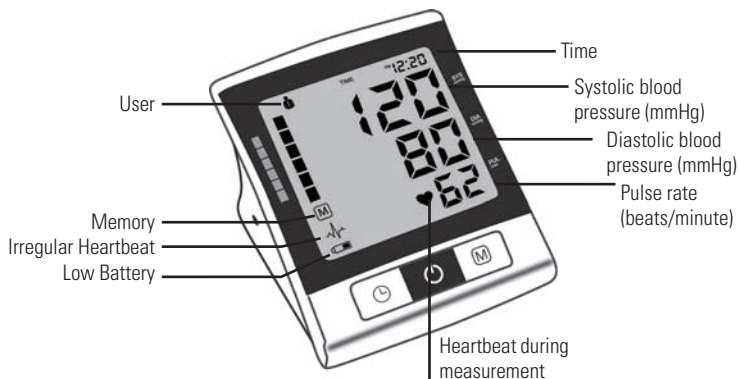
This section describes the various components of the monitor



Item	Function
LCD Screen	Recorded blood pressure, heart rate and time are displayed here.
AC/DC Socket	Connect to adapter.
Memory Button 	Press to view the previously recorded data.
Start/Stop Button 	Press to start or stop recording your blood pressure.
Time Button 	Press to set or view current date and time or to change the user.
Cuff Connection	Connect to the upper arm cuff here and place the cuff around your arm to measure your blood pressure.
Battery Compartment	Insert the four "AA" batteries here.
Arm Cuff	Wide range cuff for arm circumference 22-42 cm.

2.2 About the LCD Screen

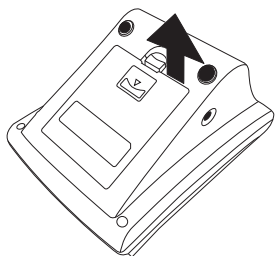
The LCD screen displays the systolic and diastolic blood pressure measurements along with your heart rate. It also displays previously recorded measurements, the date and time, when the appropriate button is pressed.



2.3 Inserting the Batteries

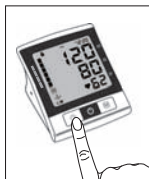
Follow these steps to insert the four "AA" batteries in the device.

1. Open the battery compartment cover in the direction shown.
2. Insert the four "AA" batteries with the correct polarity as indicated.
3. Replace the battery compartment cover.














3. Using the Device

This section describes how to get the maximum benefit from your monitor blood pressure monitor. Follow the instructions carefully to get an accurate measurement of your blood pressure and pulse rate.



3.1 Setting the Time and Date



When you insert the batteries for the first time (see "Inserting the batteries"), the monitor prompts you to set the current date and time. You can also adjust the date and time at any time by pressing and holding down the  button for over 3 seconds. Follow these steps to set the date and time:

1. When you replace the batteries, the LCD screen starts flashing the current year setting. Press the  button repeatedly to adjust the year and then press the  button to confirm the setting.
2. Next, the screen starts flashing the month and date setting. Press the  button repeatedly to set the month, press the  button to change to the date and press the  button repeatedly to set it, and then press the  button to confirm the settings.
3. Lastly, the screen starts flashing the hour and minute values. Press the  button repeatedly to set the hour, press the  button to change to the minutes and press the  button repeatedly to set them, and then press the  button to confirm the settings.



3.2 Selecting the User

This blood pressure monitor is designed to store 120 measurements for each of two users. Before taking a measurement, be certain that the correct user has been selected.

- a) Press the  button. The user icon in the upper left corner of the LCD screen will change from User 1 to User 2. Press the  button again to toggle between users.



3.3 Obtaining Accurate Measurements

Your blood pressure can vary based on numerous factors, physiological conditions and your surroundings. Follow these guidelines to obtain accurate and error free measurements of your blood pressure and pulse rate.

3.3A Tips on Taking Accurate Measurements



In morning before breakfast, 2 hours after dinner, before taking medication.



Empty bladder (if necessary).



Avoid coffee and smoking within the hour, and no exercise 30 minutes before measuring.



Rest quietly for 5 minutes. Remain calm and quiet while the measurement is in process.



Do not speak while taking the measurement.



Take measurements on the non dominant arm.



Sit with legs uncrossed so as not to restrict blood flow.



Sit with back supported and measurement arm resting on a table. Sit with feet flat on the floor.



Ensure that the BP monitor is level with the heart while the arm is supported on the table.

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3.3B Common Sources of Error

All efforts by the patient to support the arm can increase the blood pressure. Make sure you are in a comfortable, relaxed position and do not activate any of the muscles in the measurement arm during the measurement. Use a cushion for support if necessary.

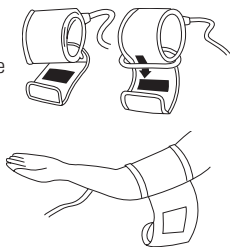
ATTENTION

Comparable blood pressure measurements always require the same conditions with a peaceful and calm environment. Ensure that you take measurements under the same conditions to obtain an accurate estimate of blood pressure variation patterns.

- If the arm artery lies considerably lower or higher than the heart, an erroneous value of blood pressure is measured. Each 15 cm difference in height results in a measurement error of 10 mmHg.
- A loose cuff causes false measurement values.
- With repeated measurements, blood accumulates in the arm, which can lead to false results. Consecutive blood pressure measurements should be repeated after at least a 15-second pause or after the arm has been held up in order to allow the accumulated blood to flow away.

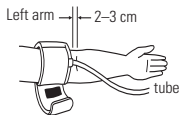
3.3C Fitting the Cuff

- Pass the end of the cuff through the flat metal ring so that a loop is formed. The closure must be facing outward. (Ignore this step if the cuff has already been prepared.)
- Wrap the cuff around your bare upper left arm. The rubber tube should be on the inside of your arm extending downward to your hand.

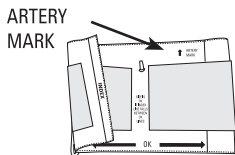


- c) Lay the cuff on the arm as illustrated. Make certain that the lower edge of the cuff lies approximately $\frac{3}{4}$ " to 1" (2 to 3 cm) above the elbow.

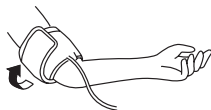
Important: The small white arrow (Artery Mark) on the cuff must lie exactly over the artery which runs down the inner side of the arm.



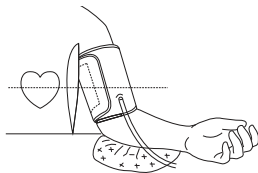
- d) Tighten the cuff by pulling the end and close the cuff.



- e) There should be little free space between the arm and cuff. You should be able to fit 2 fingers between your arm and the cuff. Clothing must not restrict the arm. If any piece of clothing does, it must be removed. If the cuff does not fit properly, you will get a false measurement values. Measure your arm circumference if you are not sure of proper fit.

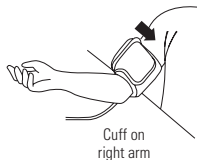


- f) Lay your arm on a table (palm upward) so the cuff is at the same height as your heart. Make sure the tube is not kinked.



- g) Remain seated quietly for at least 5 minutes before you begin the measurement.

- h) For those who cannot put the cuff on the left arm, put it on the right arm as shown.



- i) Consecutive measurements will cause blood accumulation in the lower arm which will affect the measuring results. To improve reading accuracy, raise the arm being measured, squeeze and relax your hand several times, then take another measurement. Another option is to take the cuff off and wait at least 5 minutes before repeating measurement.

- j) If this device was stored in low temperature, it is necessary to leave it in room temperature for at least 1 hour, otherwise the measurement can be inaccurate.





Comment:

Continue to use the same arm for comparisons. It is not unusual for there to be a difference in blood pressure between arms.

Comparable blood pressure measurements always require the same conditions (relax for several minutes before taking a measurement).


3.4 Measuring Your Blood Pressure

After following the guidelines described in the previous section and placing the cuff around your upper arm, you are now ready to measure your blood pressure. Follow these steps to record your measurement.

1. Press the  button to turn on the device and start measurement. The LCD screen is turned on. The cuff begins to inflate while the increasing cuff pressure is displayed on the screen. After the suitable inflation pressure is reached, the cuff stops inflating and the pressure gradually falls. A long beep sounds when the measurement is completed. The systolic and diastolic blood pressure values along with the pulse rate are displayed on the screen. The measurement is displayed for approximately 3 minutes.
2. Switch off the device by pressing the  button to preserve the batteries. If no button is pressed for 3 minutes, the instrument switches the display off.

Note : When the device is off it will still display the time and user icon.

3.5 PAD - Pulse Arrhythmia Detection Feature

This symbol  indicates that certain pulse irregularities were detected during the measurement. In this case, the result may deviate from your normal basal blood pressure – repeat the measurement. In most cases, this is no cause for concern. However, if the PAD symbol appears on a regular basis (e.g. several times a week with measurement taken daily), we advise you to consult your doctor.

Please show your doctor the following explanation:

Information for the doctor on frequent appearance of the Pulse Arrhythmia Heartbeat Symbol

This instrument is an oscillometric blood pressure monitor device that also analyzes pulse frequency during measurement. The instrument is clinically tested.

If pulse irregularities occur during measurement, the irregular heartbeat symbol is displayed after the measurement. If the symbol appears more frequently (e.g. several times per week on measurements performed daily) or if it suddenly appears more often than usual, we recommend the patient seek medical advice.

The instrument does not replace a cardiac examination, but serves to detect pulse irregularities at an early stage.

3.6 Hypertension Classification Indicator

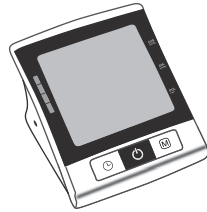
The bars on the left hand edge of the display show you the range within which the indicated blood pressure values lies. Depending on the height of the bar, the readout value is either within the normal (green), borderline (yellow) or danger (red) range.

The classification is based on standards adopted from WHO (World Health Organization), which is recognized by Hypertension Canada.

Refer to the chart below for details of the classification.

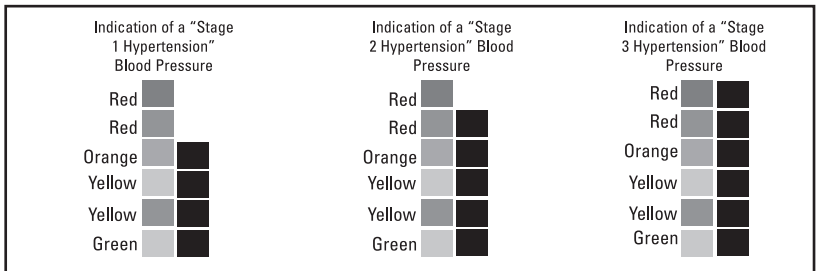
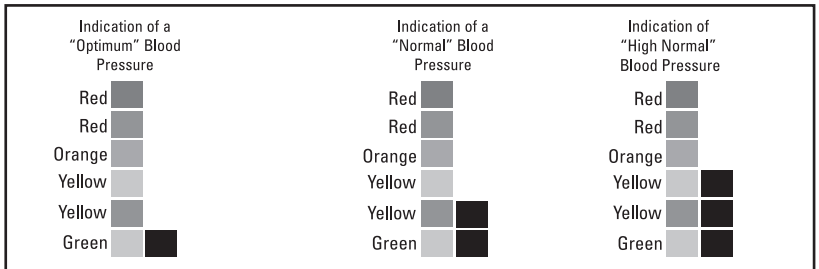
	SYS (mmHg)	DIA
Red	180▲	110▲
Red	160-180	100-110
Orange	140-160	90-100
Yellow	130-140	85-90
Yellow	120-130	80-85
Green	▼120	▼80

WHO World Health Organization 2003



The indicator bar raises according to your measurement.

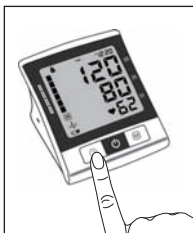
- If your measurement has only one or two bars, your measurement is in the green zone, or “Normal” according to National Institute of Health (NIH) standards.
- If your measurement has three bars, it is in the yellow zone, or “Pre-Hypertension” according to NIH standards, or high normal according to the WHO classification.
- If your measurement has four bars, it is in the orange “Stage 1 Hypertension” zone.
- If your measurement has five bars, it is in the red “Stage 2 Hypertension” zone.
- If your measurement has six bars, it is in the red “Stage 3 Hypertension” zone.



3.7 Viewing Previously Recorded Values




The blood pressure monitor automatically stores your measurements with time and date. It can store up to 120 measurements for each of the 2 users. When more than 120 measurements are made, the oldest readings are deleted for that particular user to make space for the new ones.

To view the previously stored values, press the  button. The last measurement is displayed. The date and time of the measurement are also displayed with the reading. Press the  button repeatedly to view all the measurements that are recorded on the device.




Note: Blood pressure measurements are not stored when an error is encountered during measurement.

3.8 Clearing All Values

If you are sure that you want to permanently remove all stored values, hold down the  button (the instrument must have been switched off before hand) until the "CL" appears and then release the button. If you do not want to clear the values, press the  button. To permanently clear the memory, press the  button while "CL" is flashing. Individual values cannot be cleared.

3.9 Discontinuing a Measurement

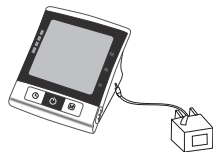
If it is necessary to interrupt a blood pressure measurement for any reason (e.g. the patient feels unwell), the  button can be pressed at any time. The device then immediately lowers the cuff pressure automatically.



3.10 Using the AC Adapter (Included)

You may also operate this monitor using the included AC Adapter (output 6V DC/600 mA with DIN plug). Use only the included AC Adapter to avoid damaging the unit.

1. Ensure that the AC Adapter and cable are not damaged.
2. Plug the adapter cable into the AC Adapter port on the blood pressure monitor.
3. Plug the adapter into your electrical outlet. When the AC adapter is connected, no battery current is consumed. **Note:** No power is taken from the batteries while the AC adapter is connected to the monitor. If electrical power is interrupted, (e.g., by accidentally removing the AC adapter from the outlet), the monitor must be reset by removing the plug from the socket and reinserting the AC adapter connection.



4. Software Functions

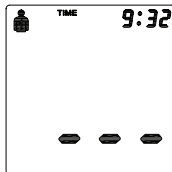
This unit can be used in connection with your personal computer (PC) running the PC Link Blood Pressure Analyzer software. Your PC will allow a capacity of monitoring 80 patients, each with 1000 data (note: overuse will lower system efficiency). The memory data can be transferred to the PC by connecting the monitor via the included USB cable with your PC.

System Requirements for Blood Pressure Analyzer Software:

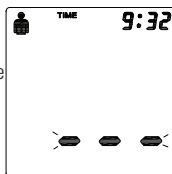
- Windows XP, Vista, 7, 8, 8.1
- CD-Rom Drive
- Minimum 256MB RAM
- 500MB Available Hard Disk Space
- USB Port version 1.0 or higher
- Blood Pressure Monitor with USB Port

4.1. Installation and Data Transmission

- Insert CD into CD ROM drive of your PC. The installation will start automatically. If not, click on SETUP.EXE.
- Connect the monitor via USB cable with the PC. Three horizontal bars will appear on the display and last for 3 seconds.



- The bars will then flash to indicate that the connection between computer and device is successfully made. As long as the cable is plugged in, the bars will keep flashing and the buttons are disabled.



During the connection, the device is completely controlled by the computer.

5. Error Messages / Malfunctions

If an error occurs during a measurement, a long beep followed by two short beeps is generated and the LCD displays the corresponding error code.

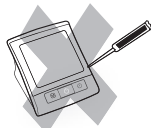
Error	Problem	Solution
Err 1	No pulse has been detected	Ensure that the cuff is being worn correctly, and that you have your arm at the heart level.
Err 2	Unnatural pressure impulses influence the measurement result. Reason: The arm moved during the measurement.	Ensure that the cuff is being worn correctly.
Err 3	The inflation of the cuff takes too long. The cuff is not correctly seated.	Ensure that the cuff is being worn correctly and that you have been inactive for a sufficient time before making the measurement.
Err 5	The difference between systolic pressure and diastolic pressure is too far away from acceptable and reasonable range.	Ensure that the cuff is being worn correctly and that you have been inactive for a sufficient time before making the measurement.
	Low battery	Replace batteries.
Hi	Cuff pressure is over 300 mmHg.	Ensure that the cuff is worn correctly and measure again. Avoid movement or talking when the cuff is being inflated.
Lo	Pulse below 40 is detected.	Ensure that the cuff is worn correctly.

If problems occur when using the device the following points should be checked, and if necessary, the corresponding measures should be taken.

Malfunction	Solution
The display remains empty when the device is switched on. The batteries are inserted.	<ol style="list-style-type: none"> 1. Check batteries for correct polarity. 2. If the display is unusual, re-insert the batteries or exchange them for new ones.
The pressure does not rise even though the pump is running.	Check the connection of the cuff tube and connect properly if necessary.
The device frequently fails to measure the blood pressure values, or the values measured are too low or too high.	<ol style="list-style-type: none"> 1. Check the positioning of the cuff. 2. Measure the blood pressure again, ensuring that you have remained motionless for a sufficient amount of time to ensure an accurate reading.
Every measurement produces varying results although the instrument functions normally and the values displayed are normal.	Note that blood pressure fluctuates continuously; therefore measurements will show some variability.
Blood pressure values measured differ from those measured by the doctor.	<p>Record the daily development of the values and consult your doctor.</p> <p>Note: Individuals visiting their doctor frequently experience anxiety which can result in a higher blood pressure reading than at home.</p>

6. Care and Maintenance

- Do not expose the device to either extreme temperatures, humidity, dust or direct sunlight.
- The cuff contains a sensitive air-tight bubble. Handle this carefully and avoid all types of stress through twisting or buckling.
- Clean the device with a soft, dry cloth. Do not use gas, thinners or similar solvents. Spots on the cuff can be removed carefully with a damp cloth and soapsuds. The cuff with bladder must not be washed in a dishwasher, clothes washer, or submerged in water.
- Handle the tube carefully. Do not pull on it. Do not allow the tubing to kink and keep it away from sharp edges.
- Do not drop the monitor or treat it roughly in any way. Avoid strong vibrations.
- Never open the monitor.** This voids the manufacturer's warranty.
- Batteries and electronic instruments must be disposed of in accordance with the locally applicable regulations, not with domestic waste.



7. Lifetime Guarantee

Rexall™/M/C blood pressure monitors have a lifetime warranty to be free of manufacturing defects for the life of the original owner. This warranty does not include the inflation system including the cuff and inflation bladder. The cuff is warranted for two years. The warranty does not cover damage from misuse or tampering. If you have questions regarding the operation of your monitor call the

Blood Pressure Hotline: 1-866-536-2289

Should repair be necessary, return the unit with all component pieces. Enclose proof of purchase and \$5.00 for return shipping and insurance. Ship the unit prepaid and insured (at owners option) to:

BIOS Medical
16975 Leslie Street
Newmarket, ON L3Y 9A1
MADE IN CHINA

Please include your name, return address, phone number, and email address. BIOS Medical will repair or replace (at BIOS Medical's discretion) free of charge any parts necessary to correct the defect in material or workmanship.

Please allow 10 days for repair and return shipping.

8. Reference of Standards

Device standard:

Device corresponds to the requirements of the standard for non-invasive blood pressure monitors:
AAMI/ANSI SP10
IEC 60601-1
IEC 60601-1-2
EN 1060-1
EN 1060-3
EN 1060-4

Electromagnetic compatibility:

Device fulfills the stipulations of the International standard IEC 60601-1-2

This unit has received an A/A rating according to the B.H.S protocol and is "recommended for home use." This is the highest grading available for blood pressure monitors. Please see the B.H.S website at www.bhsoc.org.





Product using the identical measurement algorithm was tested by unaffiliated researchers using B.H.S. study protocol. Results on file and available upon request.

9. Technical Specifications

Weight:	482.5g (with batteries)
Size:	110mm (W) x 135mm (L) x 65mm (H)
Storage temperature:	-20°C to 55°C / -4°F to 131°F
Humidity:	15 to 90% relative humidity maximum
Operation temperature:	10°C to 40°C / 50°F to 104°F
Display:	LCD-Display (Liquid Crystal Display)

Measuring method:	Oscillometric
Pressure sensor:	Capacitive
Measuring range:	
SYS/DIA:	30 to 280 mmHg
Pulse:	40 to 200 beats per minute
Cuff pressure display range:	0 to 299 mmHg
Memory:	Automatically stores the last 120 measurements or 2 users (total 240)
Measuring resolution:	1 mmHg
Accuracy:	Pressure within ± 3 mmHg Pulse $\pm 5\%$ of the reading
Power source:	4 AA batteries, 1.5V AC adapter 6V DC 600 mA
Accessories:	Wide range cuff for arm circumference 22-42 cm

Technical alterations reserved

-  Read the instruction manual carefully before using this device, especially the safety instructions, and keep the instruction manual for future use.
-  Type BF applied part
-  Batteries and electronic devices must be disposed of in accordance with the locally applicable regulations, not with domestic waste.
-  IP20: Protected against solid foreign particles with a diameter of more than 12.5 mm, no protection against water.

Quality Assured / Qualité Assurée

Manufactured for / Fabriqué pour :
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 Mississauga, ON L4Z 1R9 ©2017
www.Rexall.ca

by / par: Thermor Ltd.
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