

CRNE

DIGITAL Blood Pressure Monitor

Model

CN-205C

CN-805C

CN-806C

User's Guide

UMX05EE003

THIS MANUAL EXPLAINS THE FUNCTIONS AND OPERATION OF DIGITAL BLOOD PRESSURE MONITOR CAREFULLY READING THIS MANUAL WILL ENABLE YOU TO USE THE INSTRUMENT PROPERLY AND EMPLOY ALL OF THE FEATURES PROVIDED ON THE UNIT

Hints On Taking Your Blood Pressure

1. Rest for five minutes before taking your blood pressure.
2. Take your blood pressure when relaxed in a quiet room, Do not move when taking your blood pressure.
3. If you are wearing a shirt which might restrict circulation in your upper arm, remove your shirt before taking your blood pressure.
4. Since exercise, eating, drinking, and smoking affect your blood pressure readings, avoid these activities before taking your blood pressure.
5. Measure each day at the same day and under the same conditions.

Blood pressure readings will vary over the course of the day. Blood pressure is low in the morning and increases from afternoon to evening. Blood pressure is lower in the summer and higher in the winter.

NOTES ON BLOOD PRESSURE

Changer in Blood Pressure

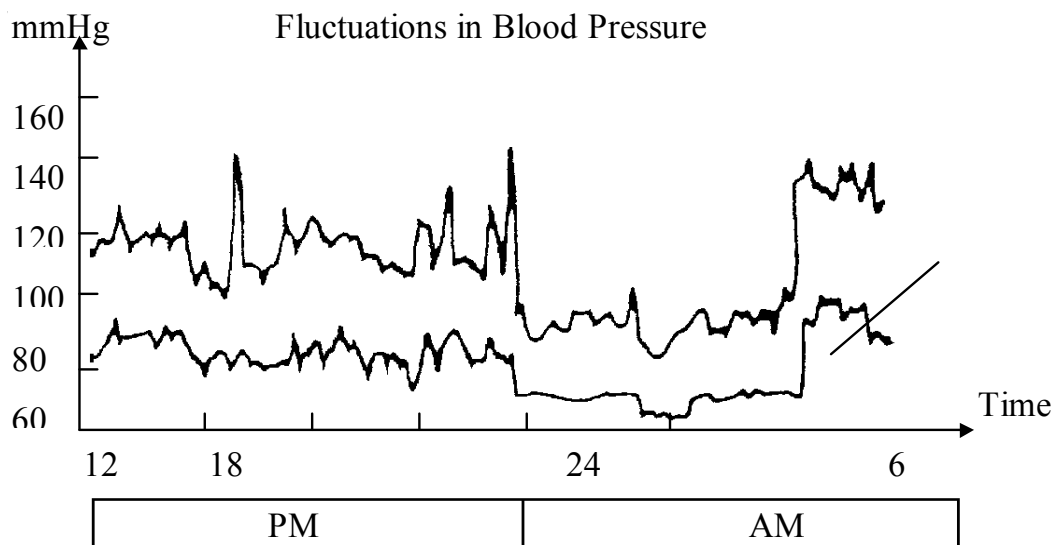
Blood pressure is not constant. It varies with many body conditions and circumstances, including age and sex.

In general, blood pressure is highest during the working hours and gradually decreases during the afternoon and evening hours. It is low during sleep and usually lowest around 3:00 a.m. Just before awakening, around 5:00 a.m., blood pressure slowly increases at a relatively fast rate after arising from bed.

As for momentary changes in blood pressure, psychological tension, excitement, physical activity, cold surroundings, and tobacco all cause the blood pressure to rise.

Feeling of calmness and happiness, warm weather, and alcohol in small quantities cause the blood pressure to fall.

The blood pressure, therefore, reacts sensitively to even minor changes in the body and so if the blood pressure is continually measured it is unlikely that the same values will be recorded.



This graph represents measurements at five minute intervals. The thick line represents the period of sleep. The high blood pressures, recorded at the 16th hour and the 24th hour were by painful stimulation and sexual intercourse, respectively.

PARTS IDENTIFICATION

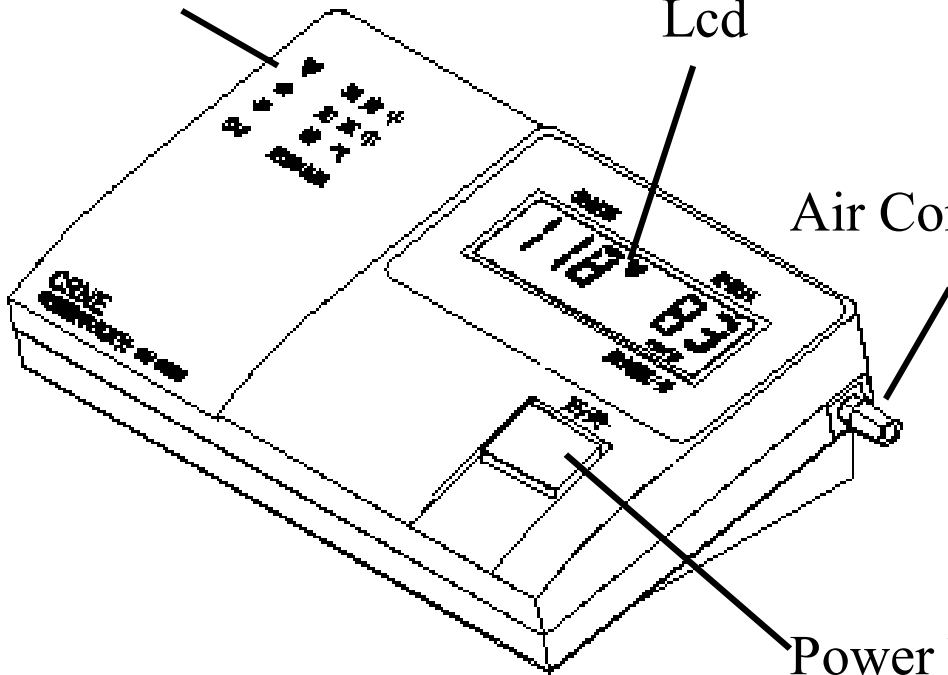
CN205C/CN805C

Air Connector

Lcd

Air Connector

Power button



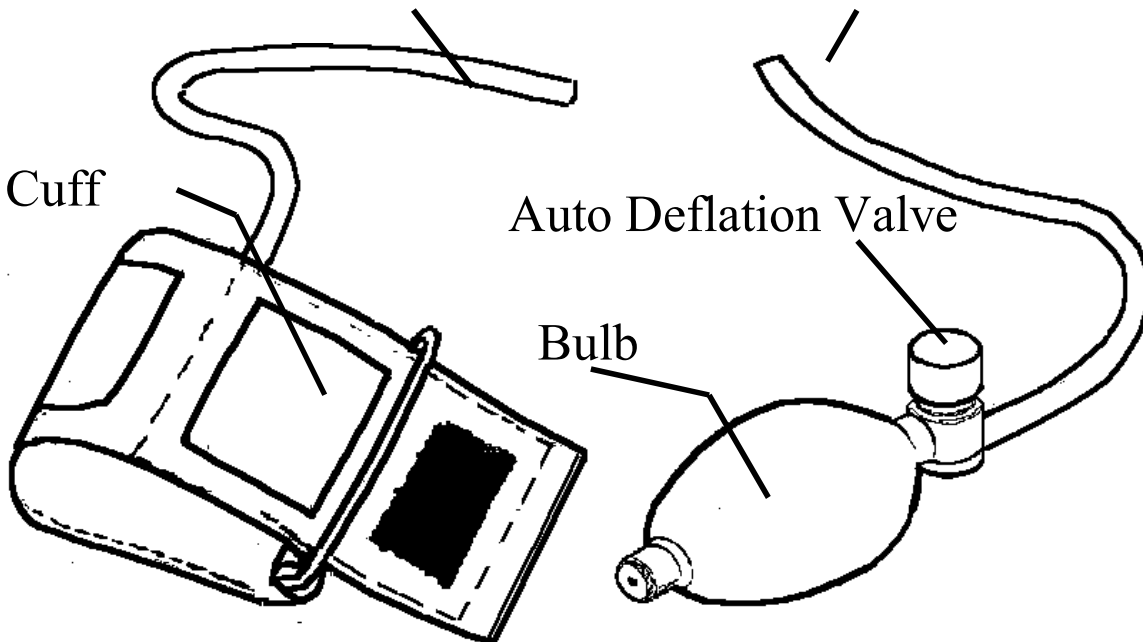
Tube

Tube

Cuff

Auto Deflation Valve

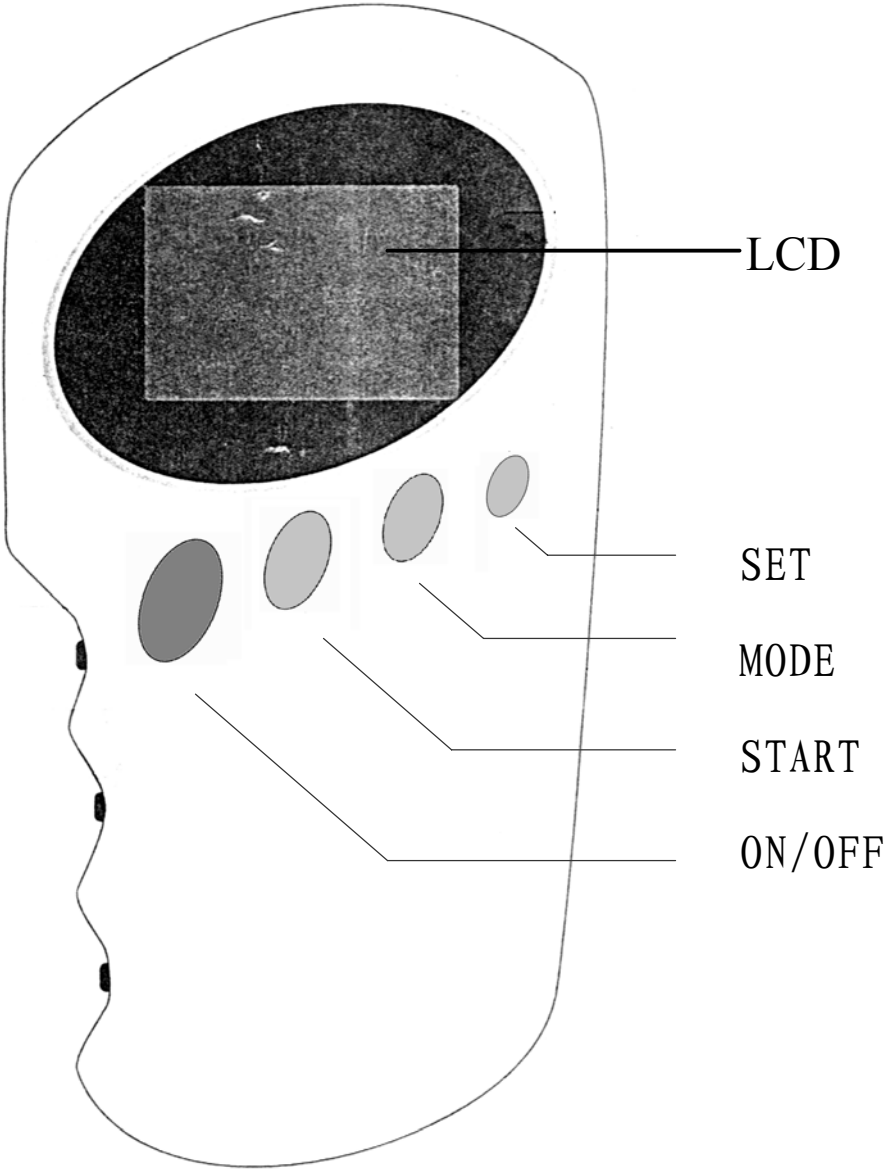
Bulb



Note: CN-805C, CN-806C with Auto Inflation function

PARTS IDENTIFICATION

CN806C

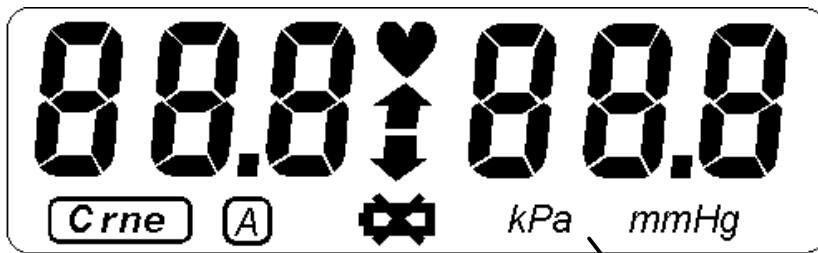


PARTS IDENTIFICATION

CN205C 、 CN805C LCD AREA

Systolic Pressure

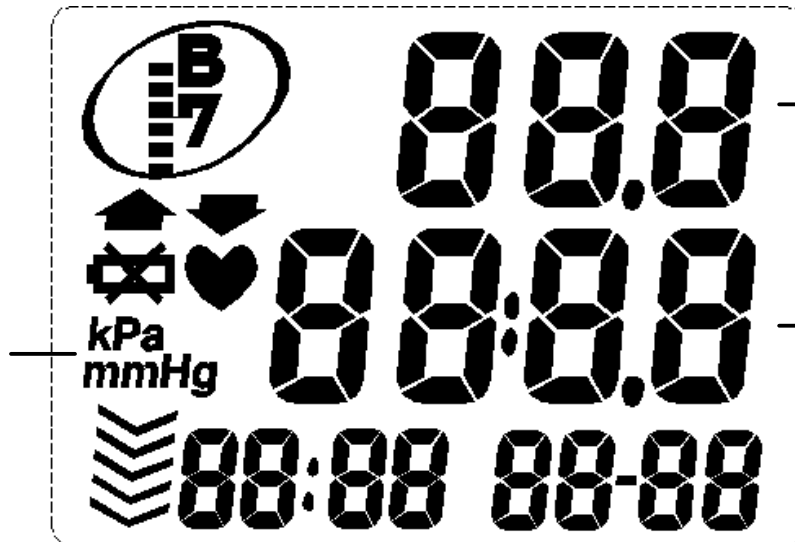
Diastole Pressure



Blood Pressure Unit

CN806C LCD AREA

Blood Pressure Unit

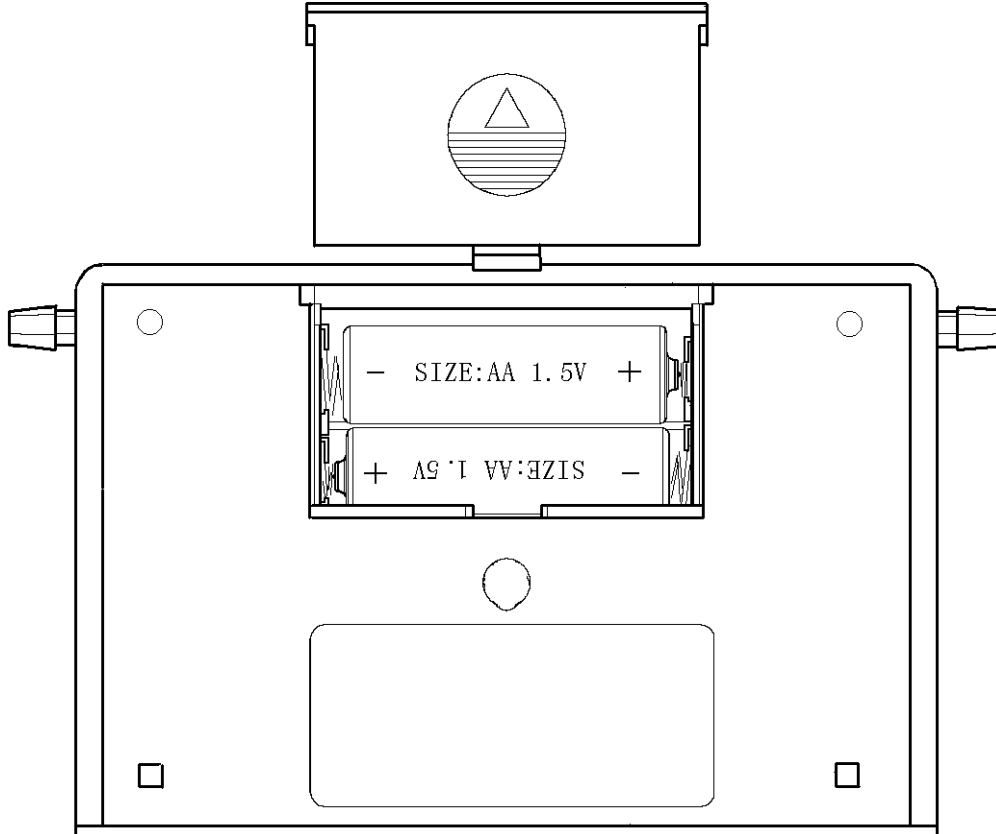


Systolic Pressure

Diastole Pressure

OWER SUPPLY

- 1 Remove the battery compartment cover
- 2 Insert the tow batteries
- 3 Re-attach the battery cover



Note: CN805 need four batteries,

Replace the batteries when

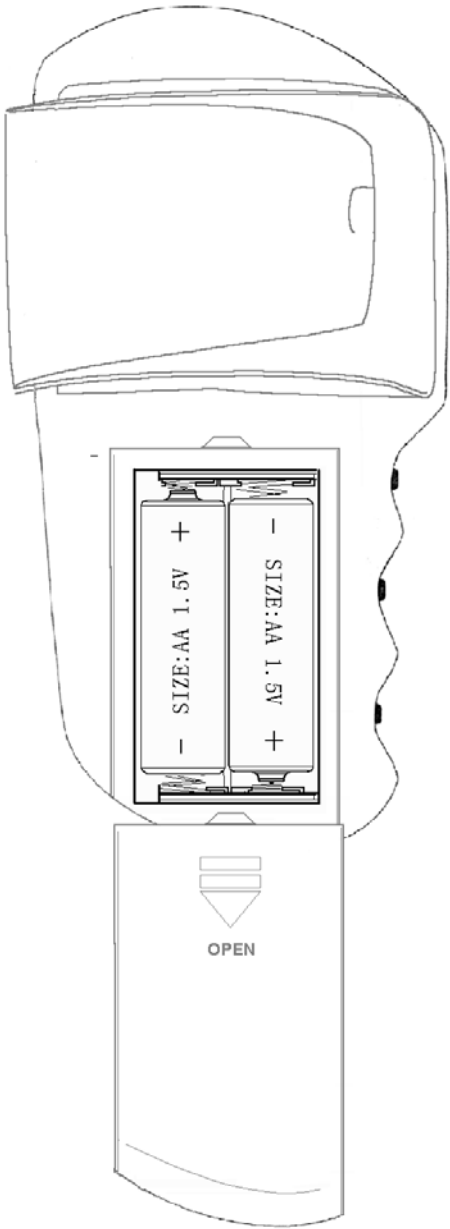
- 1.The battery replacement indication shown appears in the display



- 2.When nothing appears in the display when the power is switched on.

OWER SUPPLY

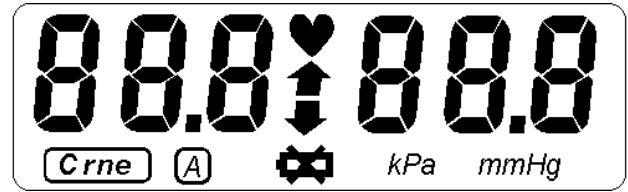
CN806C



PRESSURE UNIT SETTING

kPa and mmHg can be selected by the power button.

1 Be sure the blood pressure is switched off.

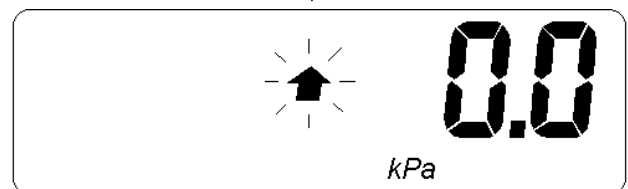
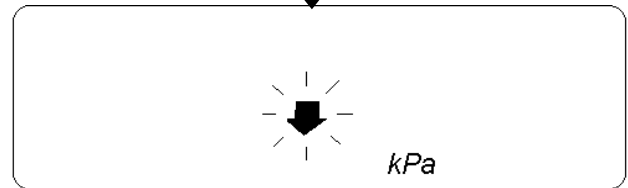


2 Press and hold the power button for 3 Sec.,

The pressure unit will appear in the display : “kPa” or “mmHg”



3 Release the power button



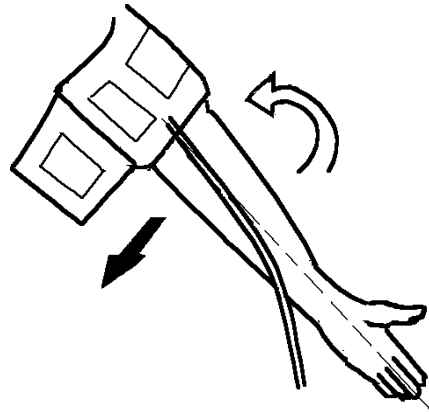
Note:

If replace the batteries, the pressure unit will return to “mmHg”

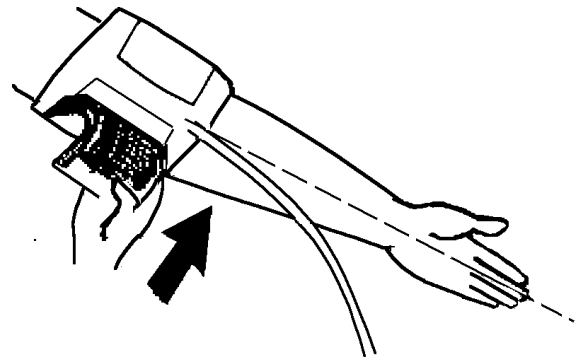
HOW TO PUT ON THE CUFF

Upper arm type cuff

1 With the tube on top. Wrap the pressure cuff around your upper arm about 2 or 3 cm above the joint of your elbow.

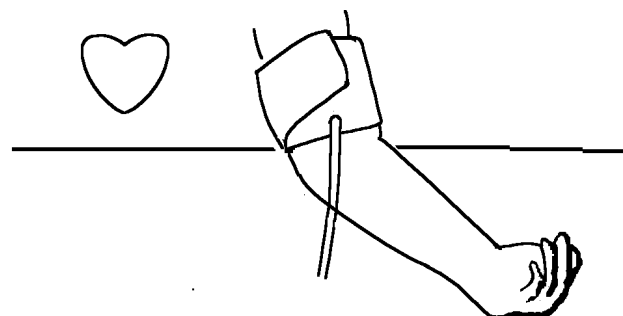


2 Wrap the pressure cuff closely around your arm .



3 Place your elbow on a table, and extend your hand straight out on the table.

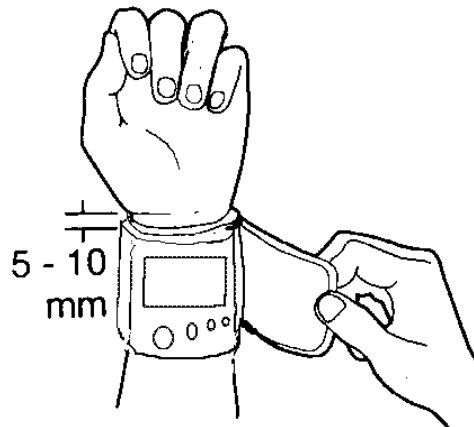
Relax your entire body, especially from your elbow to your fingers, and open your hand and fingers loosely.



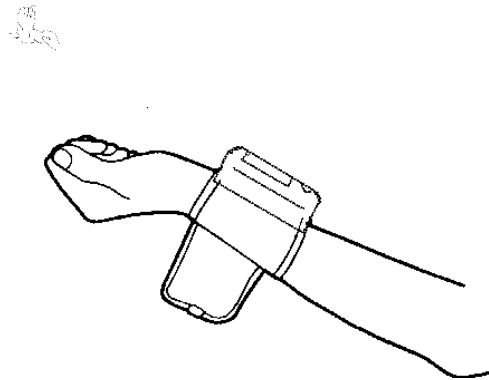
HOW TO PUT ON THE CUFF

Wrist type cuff

1 With the tube on top. Wrap the pressure cuff around your wrist about 5 ~ 10 mm above the joint of your wrist.

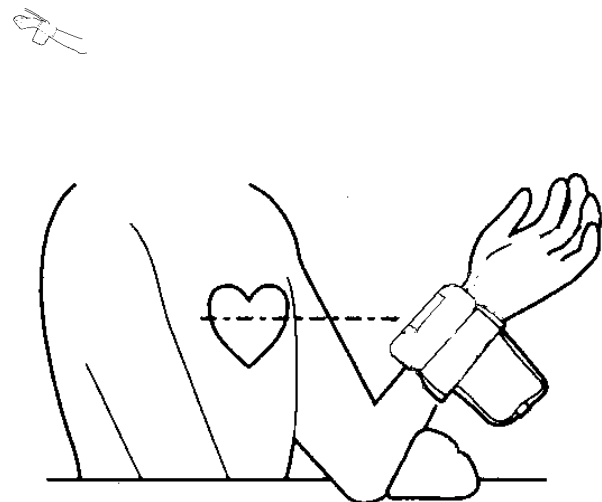


2 Wrap the pressure cuff closely around your wrist.



3 Place your elbow on a table, and extend your hand straight out on the table.

Relax your entire body, especially from your elbow to your fingers, and open your hand and fingers loosely.





MEASUREMENT PROCEDURE

First, Please connect the tube to air connector .

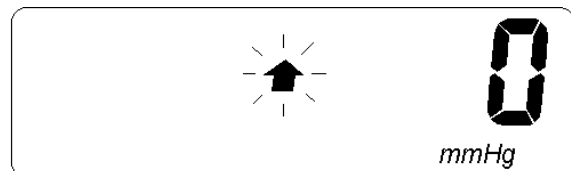
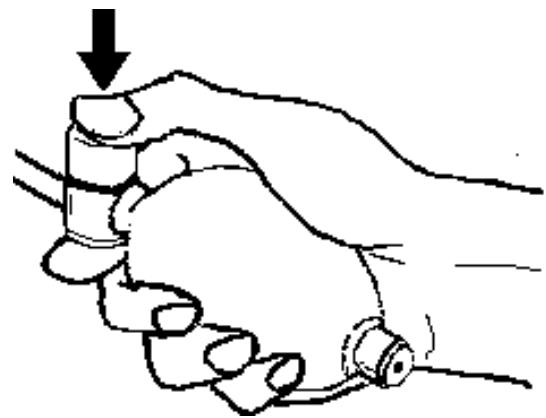
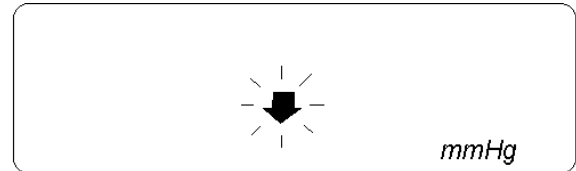
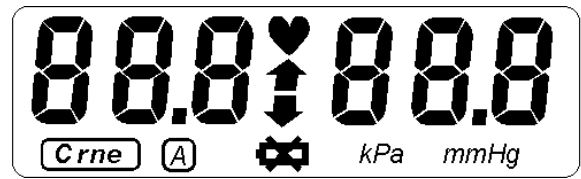
1. Press the power button.

Note: CN805C, CN806C please skip to step 5.

2. When the deflation mark “” appears, Please press and hold the Auto deflation valve button until the inflation mark “” appears.

3. Squeeze the bulb inflate the cuff as rapidly as possible.

*Inflation the cuff to a value more than 50 mmHg above your ordinary systolic blood pressure. If you are not familiar with your ordinary daily systolic blood pressure, inflate the cuff to 200mmHg.



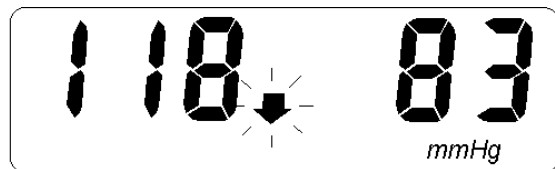
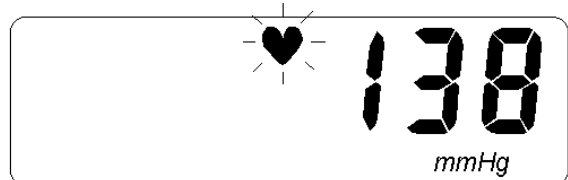
MEASUREMENT PROCEDURE

4. Lightly place the bulb on the table.

5. The pressure in the cuff will begin to decrease.

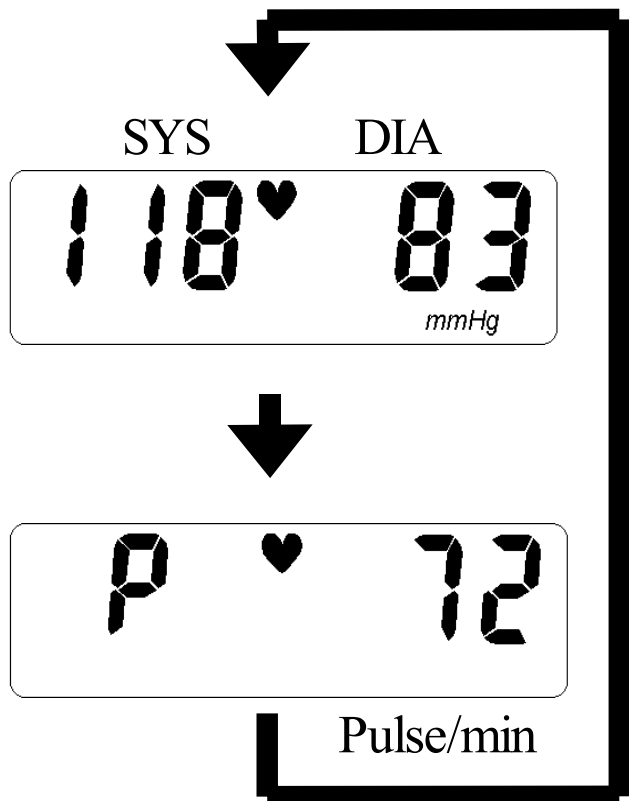
Since the heart mark “♥” appears, do not talk or move body during this operation.

6 When the deflation mark “↓” appears, press the Auto deflation valve button, release all air from the cuff.

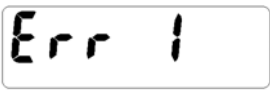
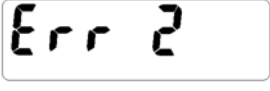



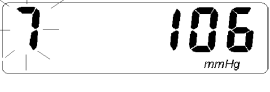



7. The display will automatically alternate between your pulse rate and your blood pressure

Note: In the case of repeat measurements, allow the arm to rest for at least five minutes if the same arm is to be measured. Follow the same measurement procedures from Step 1.



TROUBLESHOOTING

	Wrong Operation	Correct Operation
	Can not find systolic blood pressure	If you are wearing a shirt which might restrict circulation in your upper arm, remove your shirt before taking your blood pressure. Check the air release rate.
	Can not find diastolic blood pressure	
	The pressure over 300mmHg	Press the Auto deflation valve button, release all air
	 Batteries are dead	Replace with new batteries
	The rate of pressure drop is not correctly	Check the air connector and Auto deflation valve, The air release rate must be 3~4mmHg per second
Nothing appears in LCD	1.Batteries are dead 2.Batteries connect is not correctly	1.Replace with new batteries 2.Remove the batteries, reinsert batteries after 30Sec. late
	The cuff was not inflated to more than 50 mmHg above your systolic pressure.	Inflation the cuff to a value more than 50mmHg above your systolic blood pressure or 260mmHg. Do not inflate to more than 300mmHg

ASSESSING BLOOD PRESSURE VALUE

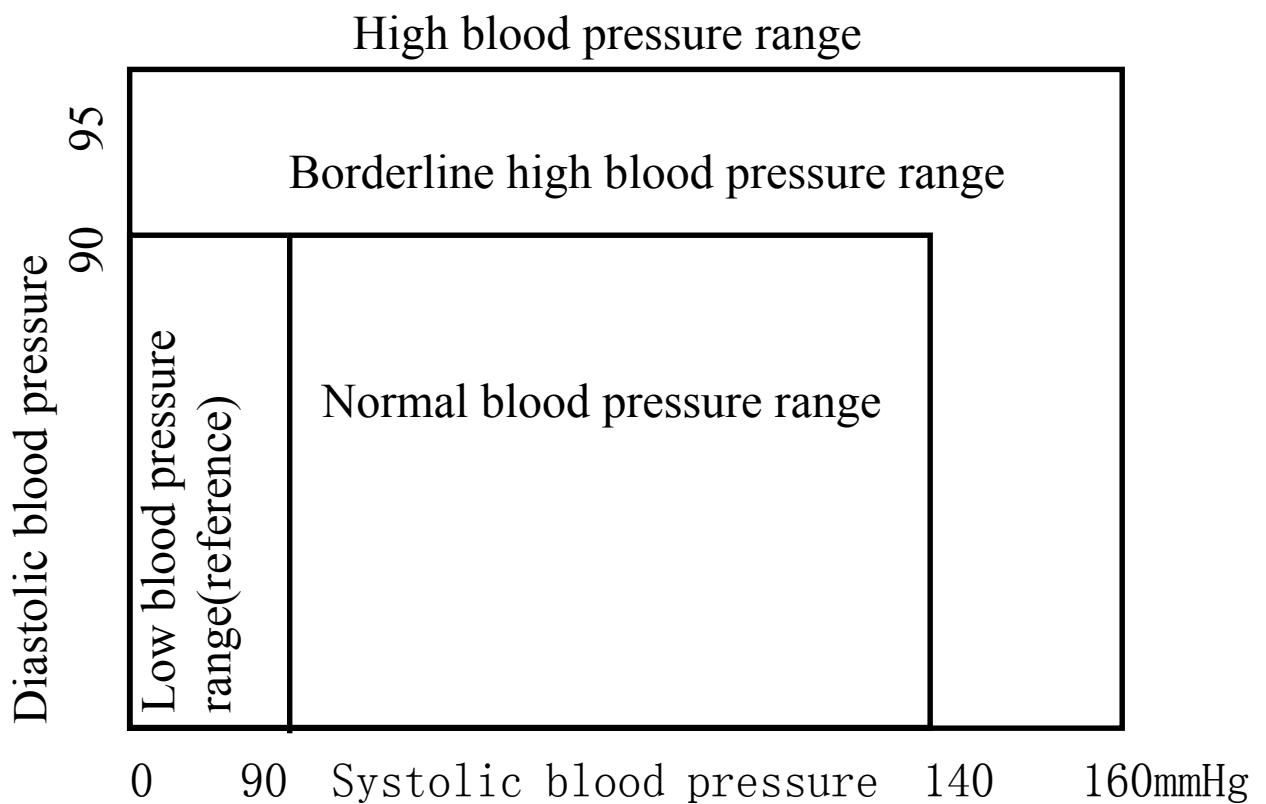
<p>When the blood pressure values taken in the home and hospital are different</p>	<p>It is very frequent that due to tension and excitement when with a physician, blood pressure values are higher than those measured at home.</p>
<p>When blood pressure values vary at each measurement</p>	<p>Do not become anxious or agitated when you have high blood pressure each time you measure your blood pressure. It is important to observe whether your blood pressure values are tending to rise or tending to decrease.</p>
<p>When repeated measurements result in different blood pressure values.</p>	<p>When measurements are taken repeatedly, the blood flow changes and the measurement values may vary, Thus, it is necessary to rest the arm for about five minutes before taking the next measurement.</p>
<p>Basal blood pressure and standard blood pressure.</p>	<p>Basal blood pressure is your blood pressure when you have just awakened and are still lying in bed(basal metabolism condition). Since this method of measurement is too complicated, the standard blood pressure which is measured when you are at rest and sitting is used as a value correlated to the basal blood pressure.</p>

ASSESSING BLOOD PRESSURE VALUE

	The standard pressure is somewhat higher than the basal blood pressure. Currently, however, materials for evaluating the standard blood pressure are used and it is very important to record the standard blood pressure every day.
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In evaluating blood pressure values, do not attempt to do it by yourself. Have the readings interpreted by your physician.

Blood pressure classification chart of the World Health Organization



NOTES ON OPERATION

- 1) Since the main unit contains precision parts and electronic components, take care to avoid dropping or causing shocks to the main unit.
- 2) Do not store the main unit in areas where dust collects or where it will be exposed to direct sunlight.
- 3) Since the case for the main unit is made of a special plastic, remove any moisture with a soft cloth.
- 4) If you do not plan to use the instrument for a long period of time, remove the battery before storage.
- 5) When storing the instrument, do not place any objects on the cuff or the tube and do not coil the tube tightly

SPECIFICATIONS

Blood Pressure Monitor

Model: CN-205C,CN-805C,CN-806C

Display: Digital display system

Measurement method: Oscillometric

Pressure unit: kPa / mmHg

Measurement range: 0~ 40kPa / 0~300mmHg

Intrinsic error: ± 0.5 kPa / ± 3.75 mmHg

Pulse rate range:40~200beats/min

Battery size: R6(AA)

Model	Cuff type	Inflation	Power source	Weight
CN-205C	Upper arm	Manual	DC3V	300g
CN-805C	Upper arm	Auto	DC6V	560g
CN-806C	Wrist	Auto	DC3V	390g

Battery life: CN-250C approx1000times;

CN-805C/CN-806C approx.300times

Specifications and design are subject to change without notice.

CRNE