

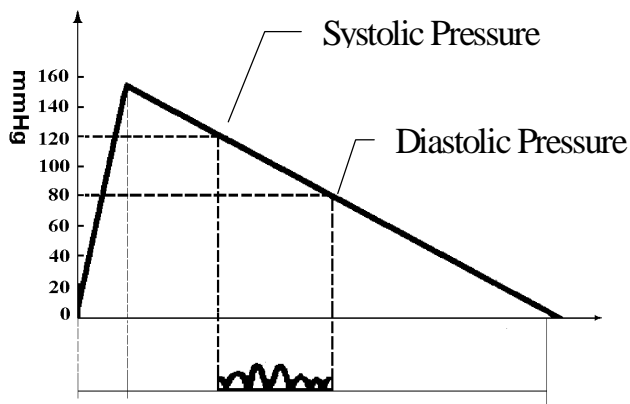
- The monitor for oneself with acousto-optic signal
- Equipped with sensor, without stethoscope
- With the feature of high precision and fine reappearance

BRIEF INTRODUCTION

CF-3 II electronic sphygmomanometer is a kind of popular type manufactured by our factory.

PRINCIPLE

It's similar in principle to mercury sphygmomanometer. Instead of stethoscope, a sensor transforms the message into acousto-optic signal. So blood pressure can be read out through dial plate without using stethoscope, artificial measuring error is avoided and means of measuring simplified.



The sphygmomanometer can be used in noisy environment especially in outpatient department,

operation room, first-aid station. Also it can be used in family, sanatorium, army and clinic. The sphygmomanometer which has features of easiness to carry and operate, high precision, fine reappearance, no pollution of mercury is the best necessity for family health and medical staff.

TECHNICAL INDEX

Range of measurement: 0-40kPa(0-300mmHg)
 Precision of measurement: $\pm 0.4\text{kPa}(\pm 3\text{mmHg})$
 Release: automatic-release valve
 Measurement unit: kPa/mmHg
 Ambiance of operation: 10-40 °C, 85%RH
 Temperature of storage: -20-60 °C
 Service life of battery: 500 times, approximate
 Battery: 9V(6F22)

OPERATION

1. Encase left arm in the arm belt and tighten it up. Pay attention to put the sensor (mark) inside of arm 4-5 cm up elbow.

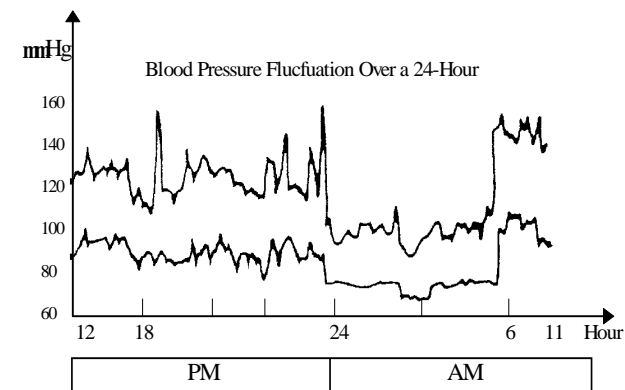


2. Insert the spout of rubber pipe and the plug of sensor in corresponding holes at the end of the meter.

3. The indicate needle turns clockwise, while pump balloon. As soon as the needle is over 28-32kPa(the valve a bit higher than systolic pressure), stop pump and switch on power immediately (the first acoustic-optic signal at the moment of switching on has nothing to do with measurement).

4. Release valve and take notice of the needle indicated when acoustic and optic signal appear simultaneously, read out the value, i.e., systolic pressure. The signal will last for a while, when the signal disappears read out the another value, i.e., diastolic pressure.

5. Keep the sensor the same level with heart. Keep body steady and relax.



NOTICE

1. Diastolic pressure is indicated by the disappearance rather than the change of sound.
2. Keep steady and vibrationless while measuring. Distinguish the normal signal from

that caused by vibration if it exists.

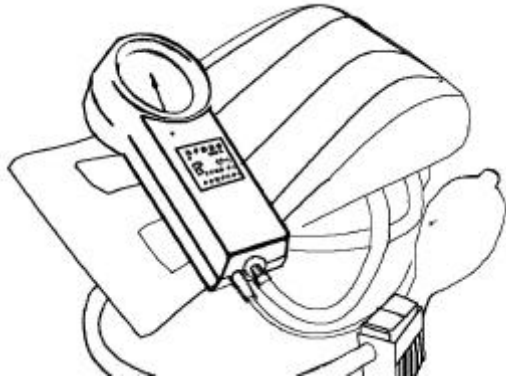
3. Switch off the power after measuring to avoid consuming of energy.

4. Don't press and ram the sensor. Do not attempt to disassemble the meter.

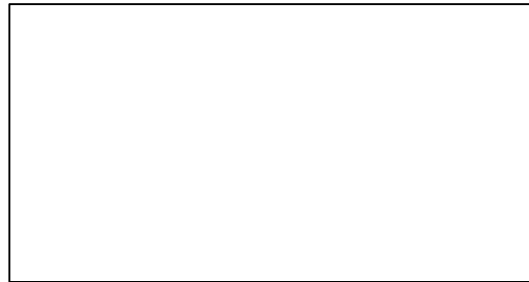
5. Take care not to drop the meter and avoid strong shocks, humidity and mildew.

6. The meter can also be used for measuring blood pressure with stethoscope when the batteries are used up.

7. Put the sensor (mark) at the concave surface of the meter after measuring so as to protect it from damage.



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Electronic *Blood Pressure Monitor*

CF-3

OPERATING INSTRUCTIONS

CRNE MEDICAL APPARATUS

CF30026C-9605D