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Instructions for use


# MED-61
# MED-62
# MED-63

Aneroid
Blood Pressure Kit

EN

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SWISS
CONTROLLED

PRO MED TECHNO

# ANEROID BLOOD PRESSURE KIT
# MODELS: MED-61, MED-62, MED-63




1. INTRODUCTION ..... 3
2. INTENDED PURPOSE ..... 3
3. PRECAUTIONS ..... 3
4. CONTRAINDICATIONS ..... 3
5. CLASSIFICATION OF BLOOD PRESSURE VALUES ..... 4
6. PRODUCT IDENTIFICATION ..... 5
7. ASSEMBLY INSTRUCTIONS ..... 7
8. PRESSURE MEASUREMENT ..... 7
9. CLEANING AND MAINTENANCE ..... 10
10. TECHNICAL SPECIFICATION FOR MODELs MED-61, MED-62, MED-62 ..... 10
11. WARRANTY ..... 10
12. SYMBOL INFORMATION ..... 11

# 1. INTRODUCTION

Aneroid Blood Pressure Kits MED-61, MED-62 and MED-63 are common blood pressure measurement instrument. It's easy to use and has high accuracy of test result. It's mostly used in clinic and home.

# 2. INTENDED PURPOSE

Aneroid Blood Pressure Kits are used for measuring of systolic and diastolic blood pressure.



# 3. PRECAUTIONS

- This device may be used only for the purpose described in this booklet. The manufacturer cannot be held liable for damage caused by incorrect application.
- The device must be protected against shocks.
- Never inflate to more than 300 mmhg.
- Do not damage the rubber parts with cutting or sharp objects.
- Do not expose the device to excessively high or low temperatures.
- The cuffs are sensitive and must be handled with care.
- Ensure that children do not use the device unsupervised; some parts are small enough to be swallowed.

# 4. CONTRAINDICATIONS

Contraindications are not revealed. Consult with your doctor.

# 5. CLASSIFICATION OF BLOOD PRESSURE VALUES

**Table for classifying blood-pressure values (unit: mmHg) according to European Society of Hypertension (ESH)**

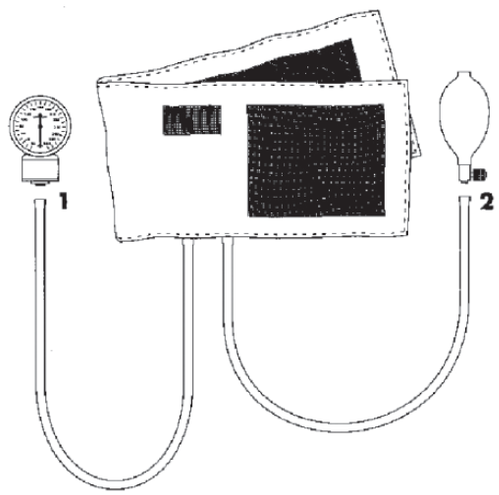
| Range | Systolic blood pressure | Diastolic blood pressure | Measures |
|---|---|---|---|
| Grade 3: severe hypertension | Higher or equal to 180 | Higher or equal to 110 | Urgently seek medical advice! |
| Grade 2: moderate hypertension | 160-179 | 100-109 | Consult your doctor immediately |
| Grade 1: mild hypertension | 140-159 | 90-99 | Consult your doctor |
| High normal | 130-139 | 85-89 | Consult your doctor |
| Normal | Lower than 130 | Lower than 85 | Self-check |
| Optimal | Lower than 120 | Lower than 80 | Self-check |

ⓘ **Note:** Show the measured values to your doctor. Never use the results of your measurements to change the doses of drugs prescribed by your doctor.

# 6. PRODUCT IDENTIFICATION FOR MODELS MED-61, MED-62, MED-63

## MODEL MED-61

## MODEL MED-62 and
## MODEL MED-63 Metal stethoscope chest piece is build into the cuff

# 7. ASSEMBLY INSTRUCTIONS

Attach the bulb and pressure gauge to the two tubes from the cuff, respectively, as shown in the figure.
Models MED-62 / MED-63: To assemble the stethoscope, attach the stethoscope head to the single end of the Y-tube (for model MED-63, the stethoscope head is on the cuff). To the double end of the Y-tube attach the metal ear tubes of the stethoscope.

ⓘ **Note:** If the gauge pointer is not in the centered zero area indicated by " □ ", the pressure gauge is not defective.
The pressure gauge pointer must be in within the zero area, which is set by the manufacturer when adjusting the device in the required position to ensure the required accuracy.

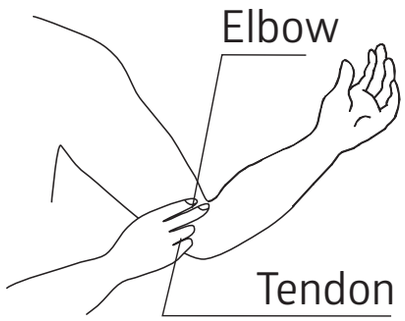
Use the supplied key to adjust the pointer within the zero area. Insert the key into the round hole at the bottom of the pressure gauge, turn the key, the pointer will move. The device is ready for use.



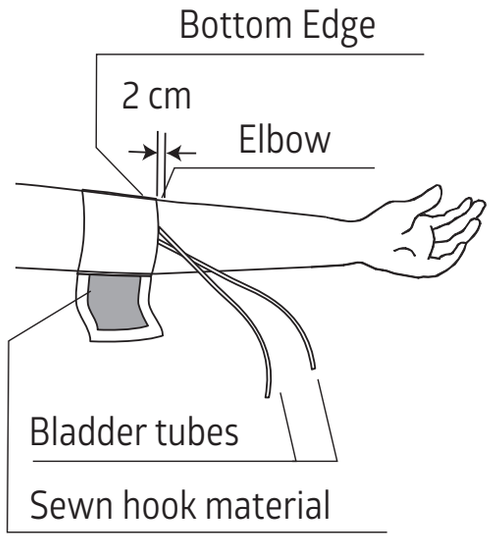
# 8. PRESSURE MEASUREMENT

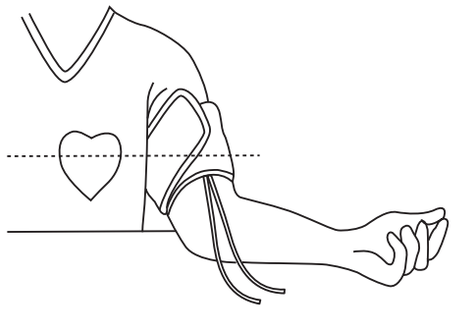
1. Make sure the person is seated with their feet flat and back and arm supported. Resting the arm at heart level.

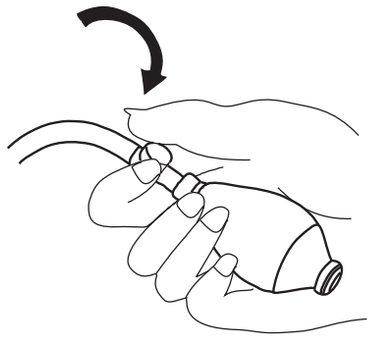
⚠ **Caution:** Make sure all components are assembled correctly and securely. Failure to do so may result in injury or an incorrect reading.



2. Locate brachial artery by placing two fingers 2 cm above the bend of the elbow on the inside of the arm.
3. Place the bottom edge of the cuff approximately 2 cm above the elbow.
4. The cuff should be wrapped so that it fits snugly and stays in place. Fasten the cuff by pressing the hook material firmly against the fuzzy pile material. If necessary, readjust the cuff.
5. Rest their arm on a table. The arm should be relaxed with the palm turned upward. Ensure the cuff is same level as heart.
6. Hold the gauge in one hand with the numbers directly in front of you. Hold the inflation bulb in your other hand. Close the air release valve attached to the inflation bulb by turning it clock wise.
7. To inflate the cuff, rapidly squeeze the inflation bulb. Inflate the cuff until the gauge reaches approximately 20-30 mmHg ABOVE normal SYSTOLIC reading.



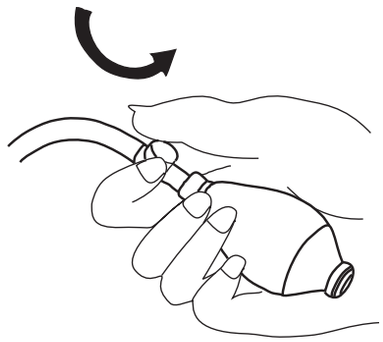


⚠ **Caution:** Do not inflate the cuff above 280 mmHg you may injure the patient or damage the instrument.

8. Slowly open the air release valve by turning it counter- clockwise. Release the air at a rate of 2-4 mmHg per second.
9. Listen carefully for the appearance of sounds, watching the gauge needle. When you hear the

first appearance of sound, it is the SYSTOLIC blood pressure reading.

10. Continue to release the air at a rate of 2-4 mmHg per second. When you no longer hear any sounds that is the DIASTOLIC blood pressure reading.
11. Turn the air release valve counter-clockwise to release the remaining air. Record the reading.



ⓘ **Note:** If you want to take another reading, you can reinflate up to twice. Wait at least 2-3 minutes before measuring again, to avoid inaccurate readings due to the engorged blood vessels.



## Quick reference guide

### Before

1. Relax for at least 5 minutes before taking a measurement.
2. Remove tight fitting clothing from the upper arm.
3. Do not eat, smoke or exercise for at least 30 minutes before taking a measurement.

### During

1. Place cuff at the heart level.
2. Stethoscope chestpiece covers the brachial artery
3. Inflate unit to proper level. (20-30 mmHg above estimated Systolic pressure).
4. Do not talk or move during a measurement.
5. Deflate unit at 2-4 mmHg per second.

### After

1. Wait 2-3 minutes before taking another measurement.

# 9. CLEANING AND MAINTENANCE

- To protect your unit from damage, please AVOID washing or moistening the cuff or dropping the gauge.
- The appliance should be checked at least every two years, if find the device's error that exceeds the technical date, must be recalibrated.
- To clean your sphygmomanometer use a clean soft cloth.
- Do not immerse the device in liquids to clean it.
- Do not hot sterilize.



When the cuff is fully deflated, the gauge needle must stay within the accuracy indicator zone. If the needle points outside of the accuracy indicator zone, the gauge will give inaccurate readings. In this case you have to bring the device to the nearest service center for calibration (address mentioned in warranty card).

⚠ **Caution:** Use original B.Well parts only.

# 10. TECHNICAL SPECIFICATION FOR MODELS MED-61, MED-62, MED-62

Scale grading: 2 mmHg
Measurement range: 0-300 mmHg. Accuracy: ± 3 mmHg
Operating environment: from 10° to +40°C, humidity 15% — 85%
Storage environment: from –5° to +40°C, humidity 15% — 85%
Built to EN ISO 81060-1\2 Standards

# 11. WARRANTY

Warranty period is 2 years from the date of purchase.
Warranty period for cuff is 1 year.

This warranty doesn't cover any damages caused by improper using, and also packaging.
When a manufacturing defect is revealed during the warranty period a faulty unit would be repaired or, if repairing is impossible, replaced with another one.

*The manufacturer may change units partially or completely if necessary, without prior notice.*
*Manufacturing date is encoded in the SN number on the gauge: month number, then last numbers of the year.*



## 12. SYMBOL INFORMATION

| | | | |
|---|---|---|---|
|  | READ INSTRUCTIONS BEFORE USE | CE 0044 | CE MARK |
|  | MANUFACTURER'S NAME |   | OPERATING CONDITION, TEMPERATURE 10°C ~ 40°C |
|  | CAN BE DISPOSED OF WITH HOUSEHOLD WASTE |   | STORAGE CONDITION, TEPERATURE -5°C ~ 40°C |
| REF | ARTICLE NUMBER | MD | MEDICAL DEVICE |
| SN | SERIAL NUMBER | EC REP | EC REPRESENTATIVE |
| UDI | UNIQUE DEVICE IDENTIFICATION | | |

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