- Solution: Unscrew the gas valve, gently shake thebottom shell, repeat several times to exhaust. The mercury column still drops slowly or doesn't drop.
- Solution: 1. Check the tube is unblocked or unfolded. If the side connected to the mercury holder is folded,pull off it and connect the other side of the tube to the holder. 2. Replace the air valve.
- The mercury column drops fast without outgassing after pressing air.
- Solution: Check the hose, gas ball, air valve is leaking or not. Change a new one if it is.
- The button shell and the top cover is not vertical.
- Solution: Unscrew the screw in the back of button shell which beside the spring.
  Mercury spills or mercury column is low than "0" or more than 1.5mmHg.
- Solution: Contact to the supplier for repairing.

Maintenance

Symbols:

	Keep up
	Keep dry
	Fragile

- The instrument should be stably and securely, protect from being topple or impacted.

⃠ Never fold the hose too long, or fold the cuff into small pieces, or put it near any source of ignition.

- The gas ball and valve should be stored in the right space inner the box, so as to protect the glass face from being crashed.
- The sphygmomanometer should be cleaned with soft fabric and neutral cleanser before storage, and keep it in a dry place.
- If the sphygmomanometer is not exactly: 0 pointed, never attempt to dismantle it by yourself, it should only be repaired and maintained in our technical service departments by designated maintenance men.

⃝ The diaphragm of stethoscope should prevent cut, or may influence the listening effect.

International Standard

International pressure Standard

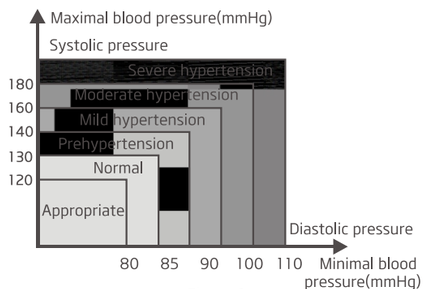
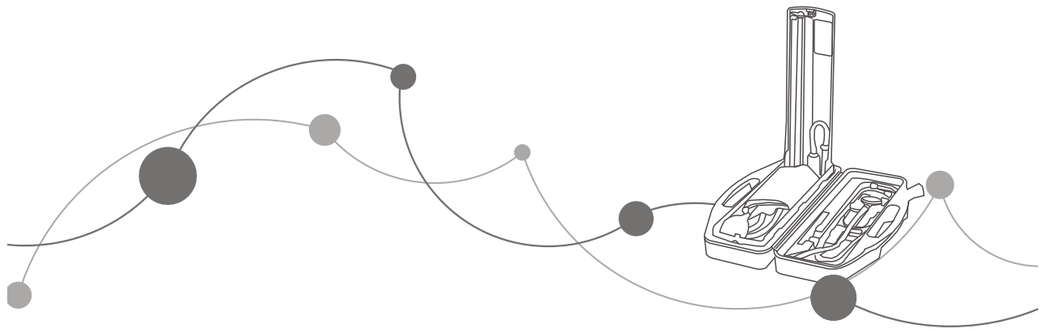


Figure 9

yuwell



Home Sphygmomanometer & Stethoscope Case

User's Manual

JIANGSU YUYUE MEDICAL EQUIPMENT & SUPPLY CO., LTD.
Sales Center Address: Huanyuan East Road No.1, Xuzhuang Software Park, Nanjing, Jiangsu Province, P.R. China, 210000
Manufacturing Address: YunYang Industrial Park, DanYang, Jiangsu Province, P.R. China, 212300
http://www.yuwell.com

330600-0A

Please read the user's manual closely before using!

Summary

- The product is used for measuring blood pressure.

Main performance indexes

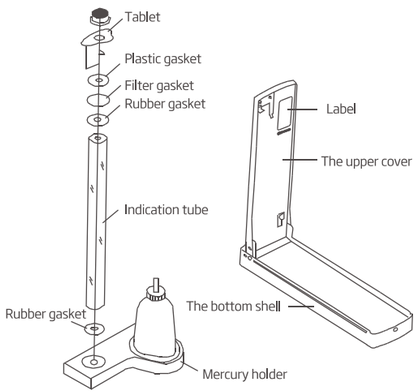
- The product consists of sphygmomanometer and stethscope.
- Model: Family kit, Type A, Type B.
- Technical parameters
  1. Allowable deviation of pressure: ±0.5kPa(±3.75mmHg)
  2. Allowable deviation at "0" of sphygmomanometer:
  ±0.2kPa(±1.5mmHg)
  3. Elastic force of stethoscope earrings:
  1.372~1.960N
  4. Deformation distance of stethoscope earrings≤10mm

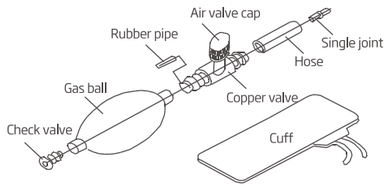
Attentions on measuring blood pressure

- Operate in a quiet environment.
- Human body blood pressure is always changeable during a day, so you should measure blood pressure at same time everyday.
- The measurer ought to keep relaxed and free.
- The measurer ought to wear loose clothes.
- The minimum graduation on the scale is 2mmHg(0.5kPa).

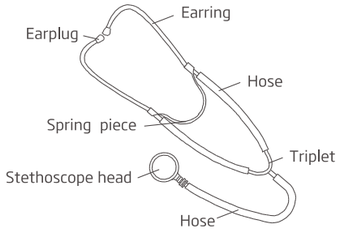
Structure

Sphygmomanometer





Stethoscope



Preparation before using

- Take out the stethoscope and hang on the neck. (Figure 1)
- Open the top cover and check the mercury is aimed at "0", allowable deviation: 0.2kPa(1.5mmHg),take out the gas ball and cuff, spread the cuff, connect the hose.
- The measurer ought to sit beside the table and keep relaxed and free.
- Bare the arm or wear loose clothes before wearing the cuff.
- Put the test arm gently on the table and support with a pulse pillow or other soft. Stretch the arm out in a 45° angle.(Figure 2)
- Spread flat the cuff, aiming the middle part of cuff at humerus artery, wind the strap around the upper arm, the lower edge of strap ought to be 3 cm above elbow joint.
- The winding strap should be kept a moderate tightness, generally, one or two fingers can be inserted into the gaping. (See Figure 3).
- Put the stethoscope head into and under the strapgaping. And put it on the humerus artery. Adjust the arm and keep the same height with the user's heart (See Figure 4).
- Soft mattress can be used to raise the arm if necessary(See Figure 5).

Figure 1

Figure 2

Figure 3

Figure 4

Figure 5

Use method

- Tighten the air-valve-cap, pump air into the cuff with gas ball, and pay attention to watching and listening.
- When the humerus artery pulse is overwhelmed, continue pumping to raise the air pressure 2.5-4 Kpa (20-30mmHg), then stop.
- After stopping pumping, loosen air-valve-cap to release the air from the cuff slowly at a speed of 0.5Kpa (3-4mmHg) reduction per second.
- Pay attention to monitor. When you hear the first clear pulse Pat-Pat noise through the stethoscope, the valve showed by the mercury column means systolic pressure.
- The finger lowers and lowers, the pulse noise through the stethoscope becomes gradually stronger and then changes into miscellaneous noises, when suddenly the tone becomes muffled, the valve showed by the mercury column means diastolic pressure.
- Repeat the measuring 2-3 times, and keep records of the averaged valve data as blood pressure measured.
- Compare the measured blood pressure with normal valves, the new measured valves should not be too high or too low. Otherwise, please go to hospital for further examination.

NOTES

⚠ To prevent from mercury's spill during using, do not raise the pressure higher than 38 Kpa (285mmHg).

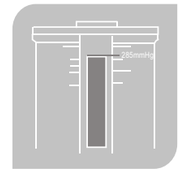


Figure 6

⚠ Lean the sphygmomanometer to the right at a 45° angle after measuring. Close the switch of mercury holder until all themercury flowed back.(Figure 7)

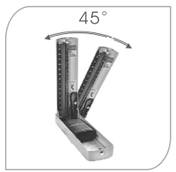


Figure 7

Common questions

- It occurs bubbles or faults in mercury column after pressured when first use. That's because of little air entered into it when transportation.