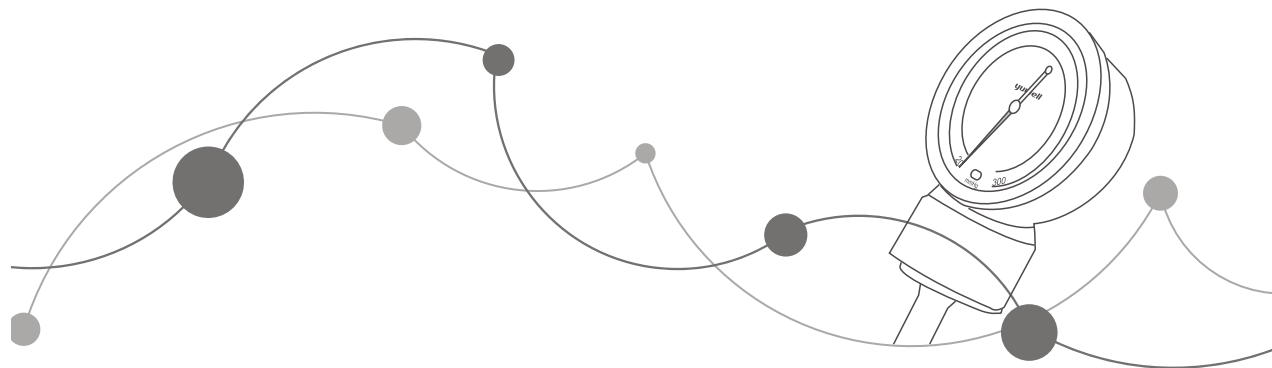


Double scales (aneroid) sphygmomanometer conversion table

The minimum value of tube is 0.5kPa,  
0.5kPa=3.75mmHg

KPa	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5
mmHg	30	33.75	37.5	41.25	45	48.75	52.5	56.25	60	63.75	67.5	71.25
kPa	10	10.5	11	11.5	12	12.5	13	13.5	14	14.5	15	15.5
mmHg	75	78.75	82.5	86.25	90	93.75	97.5	101.25	105	108.75	112.5	116.25
kPa	16	16.5	17	17.5	18	18.5	19	19.5	20	20.5	21	21.5
mmHg	120	123.75	127.5	131.25	135	138.75	142.5	146.25	150	153.75	157.5	161.25
kPa	22	22.5	23	23.5	24	24.5	25	25.5	26	26.5	27	27.5
mmHg	165	168.75	172.5	176.25	180	183.75	187.5	191.25	195	198.75	202.5	206.25
kPa	28	28.5	29	29.5	30	30.5	31	31.5	32	32.5	33	33.5
mmHg	210	213.75	217.5	221.25	225	228.75	232.5	236.25	240	243.75	247.5	251.25
kPa	34	34.5	35	35.5	36	36.5	37	37.5	38	38.5	39	39.5
mmHg	255	258.75	262.5	266.25	270	273.75	277.5	281.25	285	288.75	292.5	296.25



## Sphygmomanometer Aneroid 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>

331600-0A

Please read the user's manual closely before using!

# yuwell

### Summary

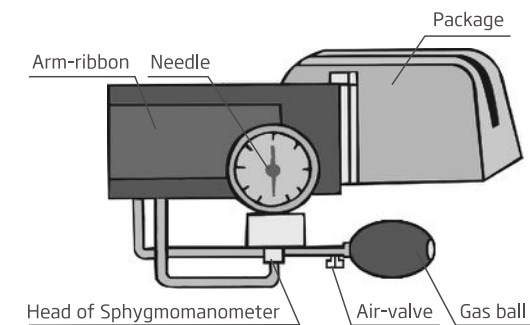
- ▶ The product is used for measuring blood pressure.

### Main performance indexes

Main performance indexes:

- ▶ Testing range: 0~40kPa(0~300mmHg)
- ▶ Minimum scale value: 0.5kPa(2mmHg)
- ▶ Tolerance:  $\pm 0.5$  kPa(  $\pm 3.75$ mmHg)

### Structure



- ▶ Measure in a quiet place.
- ▶ Measure at the same period every day, because blood pressure of body is variable all the time.
- ▶ Keep clam and never Move or talk when measuring.
- ▶ Wear loose clothes.(Figure 1)



Figure 1

## Use method

- ▶ Examine the instrument before using. The needle should point to the site of "0". Press the ball, the needle reacts nimbly and returns to "0" quickly.
- ▶ Put an arm on the table, and keep it comfortable.
- ▶ Adjust the arm to the same height with your heart. Use a soft pad if still can't reach the same height. (Figure 2)
- ▶ Flat the arm-ribbon smoothly, and make the middle of the air-sack to the humerus artery. The bottom of the arm-ribbon is far from elbow joint 2-3 centimeters. For accuracy, the arm can't be bound firmly. (Figure 3)
- ▶ Tuck the breastpiece of a stethoscope into the humerus artery of elbow. (Figure 4)



Figure 2



Figure 3

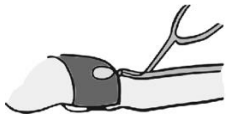


Figure 4

- ▶ Pump into the arm-ribbon slowly and listen. When the sounds of pulse disappear. Pump again until the pressure 2.5kpa-4kpa (20mmHg-30mmHg).
- ▶ After stopping pumping, you can let out the air at the speed of 0.3kPa~0.6kPa (2mmHg ~ 4mmHg) per second. The needle will drop gradually.
- ▶ When you hear the first sound of pulse at the course of drop, the readings of the needle are called contraction pressure.
- ▶ When the high sounds of pulse beat increase turning to noise, the tune suddenly become muffled and disappear. The readings of the needle are called expansion pressure.
- ▶ Measure blood pressure for 2 or 3 times to get a average value.
- ▶ There is a metal hook in the back of shell. You can place the hook on the arm-ribbon for easily reading. (Figure 5)
- ▶ The nylon button of the arm-ribbon is designed for convenient operation. (Figure 6)



Figure 5



Figure 6

## Notice

- ▶ The instrument should be bound with arm-ribbon after the measurement.
- ▶ Do not press the latex ball until hearing the sounds of pulse.
- ▶ The measured arm should be at the same height with heart or the result will be inaccurate.
- ▶ Never make the inner membrane exceed spring limitation. When use, the readings of needle can't exceed 400kPa(300mmHg).

## Maintenance

- ▶ The instrument should be keep stably and securely, protect from being topple or impacted.(Figure 7)
- ▶ Never fold the rubber hose too long, or fold the arm strap into small pieces, or put it near the fire. Otherwise the rubber will be ageing or cracking earlier than normal, thus shortening useful life.(Figure 8)

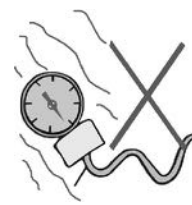


Figure 7

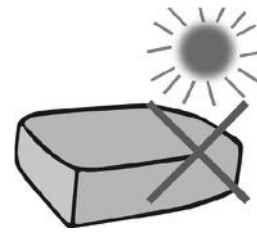


Figure 8

- ▶ The rubber ball and valve should be stored in the right space inner the box, so as to protect the glass face from being crashed.
- ▶ If the meter 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. Aneroid Sphygmomanometer should be cleaned with soft fabric neutral cleanser before storage, and kept in a dry place.