

UA-200 Operating Instructions

Read instructions carefully before use and save for future reference.

General Safety:

A&D Medical sphygmomanometers are designed exclusively as a non-invasive method of measuring blood pressure on healthy skin of the upper arm or thigh regions only.

Do not inflate past 300 mmHg
Medical professional use only
Limit use to less than 2 minutes

Always consult a physician
Do not leave cuff inflated on arm or thigh
Do not leave unattended around children

General Usage:

Prior to each use, make sure all parts are securely fastened and properly connected. Always use with a stethoscope for accurate and complete blood pressure measurement.

Cuff Placement:

Place cuff midway between shoulder and elbow with a gap of 2 to 3 cm above the elbow. Locate the brachial artery pulse with first two fingers and place cuff so the arrow of the arterial ϕ indicator is directly over the brachial artery. The cuff should be at the same height as the heart.

Cuff Inflation:

Screw valve clockwise to shut air release valve. Inflate cuff to 20-30 mm above expected systolic pressure.

Stethoscope Placement:



Place the ear tips of stethoscope into ears. The headset should be worn with the ear tips pointed away from you if it is held in front of you. Place the chest piece of the stethoscope firmly and directly over brachial artery underneath the cuff. If the pulse is heard prior to releasing the valve, inflate the cuff another 20 mmHg or until no pulse is heard.

Measurement:

Screw valve counter-clockwise to release air at a rate of 2-3 mmHg per second. The systolic pressure is the gauge reading at the first audible pulse. Continue with air release. The diastolic pressure is the gauge reading at the last audible pulse.

General Cleaning & Care:

Clean soiled parts of sphygmomanometer thoroughly before each use. All parts of the sphygmomanometer and stethoscope can be cleaned with a clean cotton cloth and isopropyl alcohol solution or water with mild detergent. Do not let any liquid enter the inside of sphygmomanometer. Cuff cover can be hand washed with warm water and mild detergent. Air dry; do not machine dry.

- Never inflate past 300 mmHg
- Keep sharp objects away from cuff
- Never disassemble the sphygmomanometer
- Avoid impact or shock to the sphygmomanometer
- Always deflate cuff completely after measurement and prior to storage
- Avoid prolong exposure to excessive heat, cold, solvents, moisture, and oils
- The pointer of a calibrated gauge will rest on the zero at no pressure
- If pointer does not rest on zero, please contact the manufacturer at andmedical.com for an authorized service center near you
- Frequently check for and remove dust from screen filter of intake valve at end of inflation bulb
- The sphygmomanometer should be stored between -20°C and 70°C  70°C and at a relative humidity of 85%
- The sphygmomanometer should be used at temperatures between 10°C and 40°C  40°C and at a relative humidity of 85%

Our commitment to high-quality instruments is backed by our three-year performance guarantee.

Technical Specifications:

Range: 0-300 mmHg

Accuracy: +/- 3 mmHg

This device complies with EN 1060-1:1995+A1:2002 & EN 1060-2:1995+A1:2009

Maintenance and Calibration Specifications:

- The sphygmomanometer should be calibrated at temperature range of 15°C to 25°C and a relative humidity range of 20% to 85%.
- The sphygmomanometer should not leak air in excess of 4 mmHg/min (0.5kPa/min) when the valve is closed.
- The maximum error of the measurement of the cuff pressure at any point of the scale range should be within ± 3 mmHg (± 0.4 kPa).
- Do not attempt to calibrate or repair this device yourself.

Symbol Definition:

-  Batch code
-  Arterial indicator
-  Date of manufacture
-  The PVC material in this product contains trace quantities of phthalate
-  Temperature limitation
-  Conforms to European Standard
-  Authorized representative in the European Community

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Specifications subject to change without notice.



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