



OPERATING INSTRUCTIONS

MDF 808B Professional Aneroid Sphygmomanometer (also for MDF 808)
MDF 848XP Medic Palm Aneroid Sphygmomanometer
MDF 840 Desk and Wall Aneroid Sphygmomanometer (also for MDF 830)
MDF 800 Mercurial Sphygmomanometer

Read instructions carefully before using and save for future reference.

General Safety: MDF Sphygmomanometers are exclusively designed as a non-invasive method of measuring blood pressure on healthy skin of the upper arm or thigh regions only.

Do not inflate pass 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

MDF 800 Mercurial Sphygmomanometer contains mercury, which is a poisonous element. Always handle with care. Disposal of mercury must be in accordance with local regulations. In case of contact with mercury, seek treatment with physician immediately.

General Usage

Prior to each use, make sure all parts are securely fastened and properly connected. Always use with stethoscope for accurate and complete blood pressure measurement (Stethoscope included with MDF 808 only).

Cuff Placement – Place cuff midway between shoulder and elbow with a gap of 2 – 3 cm above the elbow. Located the brachial artery pulse with first two fingers and place cuff where the arrow of the arterial indicator is directly over the brachial artery. The cuff should be at the same height level 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 eartips of stethoscope into ears. The headset should be worn with the eartips pointed away from you if it is held in front of you. Place the chestpiece of the stethoscope firmly and directly over brachial artery below 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 valve 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 over 300mm Hg
- 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
- Calibrated gauge will return the pointer to rest inside of the zero box at no pressure
- If pointer rests outside of the zero box, return to an authorized MDF dealer for calibration
- Frequently check and remove dust from screen filter of intake valve at end of inflation bulb

Technical Specification:

Range: 0-300 mmHg

Accuracy: +/- 3 mmHg

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



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