

Instruction for Use for Stethoscopes

If you follow the instruction for use, the stethoscope will provide you with good service over a long period of time. Please note that stethoscopes are generally only for use on intact and unharmed skin.

Intended Use:

The stethoscope is an acoustic medical device for auscultation or listening to the internal sounds of a human body. It is based on physical phenomena of being able to hear body sounds more clearly. By using the diaphragm body sounds vibrate the diaphragm, creating acoustic pressure waves which travel up the tubing to the listener's ears. By using the bell the vibrations of the skin directly produce acoustic pressure waves travelling up to the listener's ears. The bell transmits low frequency sounds, while the diaphragm transmits higher frequency sounds.

The high sensibility aids the differentiation between low and high frequencies. Even very weak sounds can be heard without problems.

Application:

The usage is allowed only by authorized and qualified staff!

For the double-head stethoscope the chest-piece needs to be turned 180°, to activate the functions:

- a) Diaphragm side for high frequency sounds
- b) Bell side (hollow cup) for low frequency sounds

- 1) Insert the earpieces in the ears.
- 2) Ensure that diaphragm is in operating position by lightly tapping a finger on the diaphragm.
- 3) If you do not hear the tapping, check if the stethoscope has been assembled correctly.
- 4) If everything is correct, put the chest piece with slight pressure on the body part to be examined.

Cleaning and maintenance:

- Do not use any sharp, abrasive objects or cleaning agent as well as diluting agents or Benzol.
- Use a damp cloth under using mild household cleaners or 70% isopropyl alcohol.
- IMPORTANT! When using disinfectants, the instruction for use of the manufacturer must be observed.
- Do not immerse the stethoscope in liquids or autoclave it.
- Earpieces can be removed from the stethoscope and be cleaned separately.



Cautions:

- Do not use the stethoscope without diaphragm or earpiece!
- Do not put the earpieces too deep in the ear canal, health hazard!
- Do not use the stethoscope near strong sound sources, health hazard!
- The stethoscope is no toy, especially children can cause damage to ears or health!
- Put the stethoscope back into the box after usage!
- To protect your eardrums, do not knock on the chest piece, when the earpieces are in your ears!
- Make sure that the stethoscope is completely dry before using!



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