

Single-Head Tunable Aluminum Stethoscope

Instructions for Use

Diagnostic Equipment

Intended use

Acoustic stethoscope for listening to heart, lung and other body sounds during routine physical examination.

Intended users

Healthcare professionals and students in medical, nursing, physician assistant and veterinary technician programs. For use by trained healthcare professionals. Follow your facility's protocols and applicable regulations.

Read this manual completely before first use and keep it with the product. This document provides general operating, care and safety guidance. Where the product is supplied with manufacturer labeling or instructions, those take precedence. For questions, a replacement copy, or a digital copy of this manual, email sales@scimedstore.com.

1. Safety

Safety warnings and cautions

- For use by trained healthcare professionals. Follow your facility's protocols and applicable regulations.
- Always point the ear tips forward, toward your nose, before placing them in your ears.
- Do not tap the chest piece while the ear tips are in your ears; loud sounds can harm hearing.
- Clean the chest piece and ear tips between patients to prevent cross-infection.
- Do not use on broken skin or open wounds without a barrier, per facility protocol.
- Keep the stethoscope away from extreme heat, cold and solvents, which can damage the tubing.
- Interpretation of sounds heard is the responsibility of the clinician.

2. Package contents

- Stethoscope
- 2 spare ear tips
- 1 spare diaphragm

Check contents on receipt. Report missing or damaged items to sales@scimedstore.com within 48 hours of delivery.

3. Specifications

Type	Single-head, single-sided, tunable diaphragm
Chest piece	Machined aluminum, anodized
Binaural angle	15 degrees
Spring	Double-leaf internal spring
Tubing color	Varies by variant: Red, Grey, Blue, Black or Burgundy

4. Unpacking and setup

- 1 Check that the ear tips are firmly attached and the diaphragm is seated in the chest piece.
- 2 Hold the headset with the ear tips pointing forward and place them in your ears.
- 3 Adjust the headset tension by gently pulling the ear tubes apart or pushing them together for a comfortable seal.
- 4 Lightly tap the diaphragm before placing the ear tips in your ears, or listen while rubbing the diaphragm gently, to confirm sound is transmitted.

5. Operation

Auscultation with the tunable diaphragm

- 1 Warm the chest piece in your hand before placing it on the patient.
- 2 Place the diaphragm flat on bare skin at the area to be examined.
- 3 Use light pressure to hear higher-frequency sounds.

- 4 Use firmer pressure to hear lower-frequency sounds.
- 5 Keep the tubing free from rubbing against clothing or other objects to reduce noise.
- 6 Move the chest piece to each area in the order used in your examination technique.
- 7 Remove the ear tips and clean the stethoscope after the examination.

6. Cleaning and disinfection

- Wipe the chest piece, diaphragm and ear tips with an alcohol wipe or a disinfectant approved by your facility between patients.
- Remove the ear tips periodically and clean them with mild soapy water; dry before refitting.
- Do not immerse the stethoscope in liquid.
- Clean and disinfect per facility protocol. Do not autoclave unless labeled as autoclavable.

7. Maintenance and storage

- Store at room temperature away from direct sunlight and heat.
- Do not wrap the tubing tightly around the neck of the headset or store it bent sharply.
- Replace ear tips and the diaphragm when worn or cracked, using the supplied spares.
- Inspect the tubing for cracks or stiffness and replace the stethoscope if damaged.

8. Troubleshooting

Problem	Likely cause	What to do
Little or no sound	Ear tips pointing backward or poor seal	Point the ear tips forward and adjust for a snug fit.
Sound weak	Diaphragm loose or cracked	Reseat or replace the diaphragm with the spare.
Excess noise	Tubing rubbing on clothing or skin hair under the diaphragm	Keep the tubing still and press the diaphragm firmly on the skin.
Headset uncomfortable	Tension too high or ear tips too small or large	Adjust headset tension and try the spare ear tips.
Air leak or rattle	Loose ear tip or chest piece part	Tighten the ear tips and check the chest piece assembly.

9. Disposal

- Clean and disinfect before disposal.
- Dispose of the stethoscope as metal and plastic waste in accordance with local regulations.

10. Warranty and support

Products are covered by SciMed's standard warranty (12 months from purchase unless a different period is stated on your invoice). Warranty terms: scimedstore.com/pages/warranty.

Support, spare parts and additional copies of this manual: sales@scimedstore.com. Please include your order number and a photo of the product or issue.

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