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› 3M Littmann Classic III Monitoring Stethoscope, Model 5620 User Manual

3M Littmann 5620

3M Littmann Classic III Monitoring Stethoscope User Manual

Model: 5620

1. INTRODUCTION

The 3M Littmann Classic III Stethoscope is a versatile instrument designed for monitoring and assessing adult and pediatric patients in non-critical care environments. It offers high acoustic sensitivity for clear auscultation of heart, lung, and other body sounds, aiding in physical assessment and diagnosis. This manual provides essential information for the proper use, care, and maintenance of your stethoscope.



Figure 1: 3M Littmann Classic III Stethoscope

2. PRODUCT OVERVIEW

2.1 Components

- **Chestpiece:** A two-sided chestpiece featuring a large side for adult patients and a smaller side for pediatric patients. Both sides are equipped with tunable diaphragms.
- **Tunable Diaphragm:** A 3M innovation allowing users to hear different frequency sounds by adjusting pressure.
- **Headset:** Composed of two eartubes and soft-sealing eartips.
- **Eartips:** Snap-tight, soft-sealing eartips designed for comfort and an excellent acoustic seal.
- **Tubing:** Next-generation tubing that retains its shape and flexibility, resistant to skin oils and alcohol. It is not made with natural rubber latex or phthalate plasticizers.

Weights less*

than other stethoscopes

**Designed and
manufactured
in the USA** with
globally-sourced
materials



*Based on published weights of globally-available comparable stethoscopes in an equivalent class.

Figure 2: Double-Sided Chestpiece (Adult and Pediatric)

2.2 Key Features

- High acoustic sensitivity for clear sound.
- Tunable diaphragm technology on both sides of the chestpiece.
- Designed for use with both adult and pediatric patients.
- Soft-sealing eartips for optimal comfort and sound occlusion.
- Next-generation tubing, free of natural rubber latex and phthalate plasticizers.
- Lightweight design for extended comfortable use.

3. SETUP

3.1 Adjusting Headset Tension

The headset tension can be adjusted to ensure a comfortable and acoustically sealed fit. To increase tension, squeeze the

eartubes together. To decrease tension, pull them apart. Ensure the eartips are aligned with your ear canals for optimal sound transmission.

3.2 Attaching Eartips

The soft-sealing eartips snap firmly onto the ends of the eartubes. For safety, they require significant effort to remove. Ensure they are securely attached before use.

4. OPERATING INSTRUCTIONS

4.1 Using the Tunable Diaphragm

The tunable diaphragm allows you to hear both low and high-frequency sounds without turning over the chestpiece:

- **Low-Frequency Sounds:** Apply light pressure to the chestpiece.
- **High-Frequency Sounds:** Apply firm pressure to the chestpiece.



Use in non-critical care environments

Figure 3: Auscultating Low-Frequency Sounds

4.2 Switching Chestpiece Sides

The chestpiece can be rotated to select either the adult or pediatric side. Rotate the stem until the desired side is open for auscultation.

5. MAINTENANCE AND CLEANING

5.1 General Cleaning

Clean your stethoscope regularly to maintain hygiene and performance. The tubing is resistant to skin oils and alcohol. Use a 70% isopropyl alcohol solution or a mild soap and water solution to wipe down the tubing and chestpiece. Ensure all components are dry before storage.

5.2 Eartip Care

Eartips can be removed for thorough cleaning or replacement. Periodically inspect eartips for wear and tear and replace them as needed to maintain an effective acoustic seal.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Poor sound quality or no sound	<ul style="list-style-type: none">• Eartips not properly sealed or blocked.• Chestpiece not rotated to the active side.• Tubing blocked or damaged.	<ul style="list-style-type: none">• Ensure eartips are securely attached and clean.• Rotate the chestpiece 180 degrees to activate the diaphragm.• Inspect tubing for kinks, cracks, or blockages.
Discomfort from headset	Headset tension too tight or too loose.	Adjust headset tension by squeezing or pulling apart the eartubes.

7. SPECIFICATIONS

- **Model Number:** 5620
- **Chestpiece Material:** Stainless Steel
- **Tubing Length:** 27 inches (approx.)
- **Product Dimensions:** 6.3 x 12.8 x 1.77 inches
- **Weight:** 5.29 ounces
- **Materials:** Stainless Steel, Epoxy, Fiberglass, Aluminum
- **Manufactured:** In the USA with globally-sourced materials

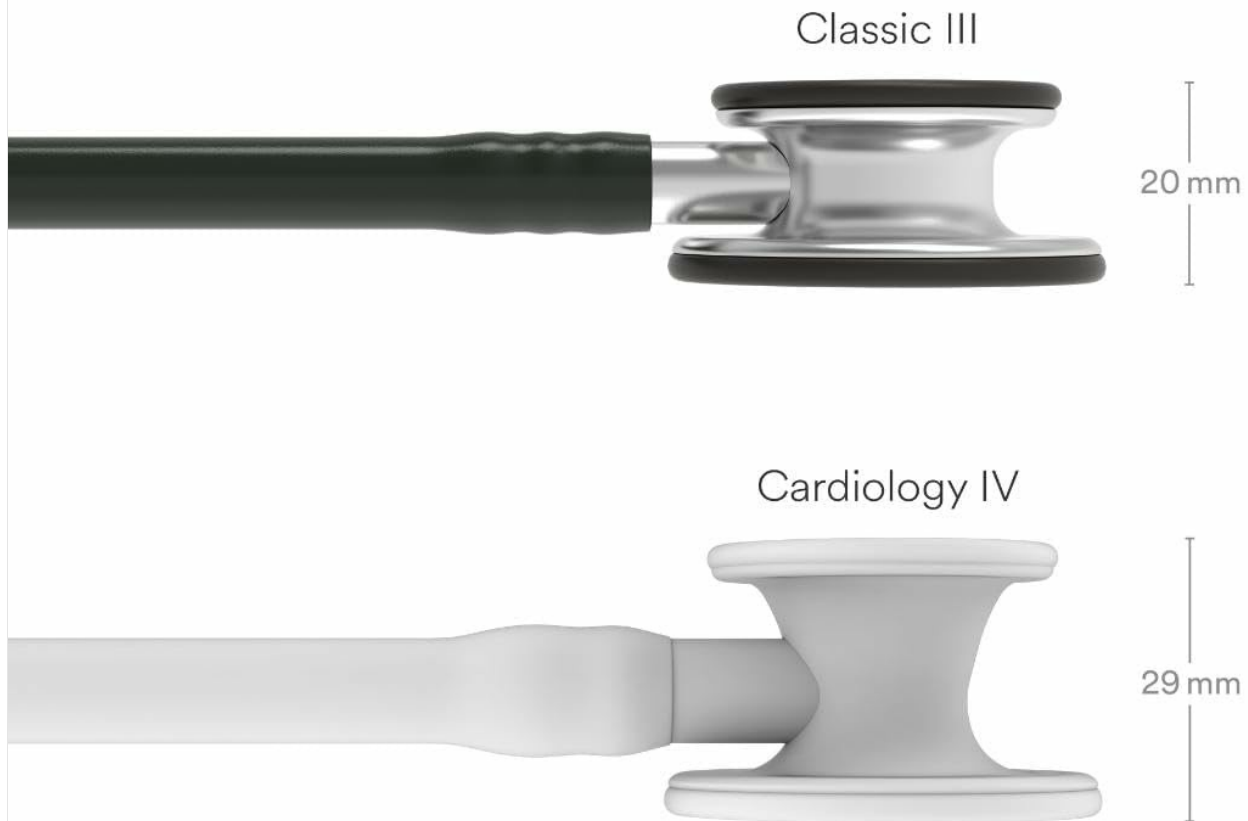


Figure 4: Littmann Stethoscope Comparison

8. WARRANTY AND SUPPORT

8.1 Warranty Information

The 3M Littmann Classic III Stethoscope comes with a 5-year warranty. Please refer to the official 3M Littmann website or your purchase documentation for detailed warranty terms and conditions.

8.2 Additional Resources

For further learning and support, consider downloading the Littmann Learning App. This application provides self-directed learning modules to help users recognize heart and lung sounds.

For official product information and support, visit the [3M Littmann Store](#).

