

# Stethoscope

## Description

The **Stethoscope** is a diagnostic tool used to auscultate internal body sounds such as heartbeats, lung function, and gastrointestinal activity in both animals and humans. Available in two models — **22" Simple** and **24" Heavy**, this stethoscope is tailored for general veterinary and medical examination. The simple model is lightweight and convenient for quick checks, while the heavy model offers enhanced acoustic performance and durability.

## Specifications

Model	Length	Tube Type	Weight	Acoustic Sensitivity
<b>22" Simple</b>	22 inches	Single tubing	Lightweight	Moderate
<b>24" Heavy</b>	24 inches	Thick-walled tubing	Heavier build	High sensitivity

- Chest piece: Dual head (bell and diaphragm)
- Earpieces: Soft, snug-fitting for noise isolation
- Tubing Material: Flexible PVC or latex-free rubber

## Material

- Chest piece: Anodized aluminium or stainless steel
- Tubing: Latex-free PVC
- Earpieces: Silicone or soft rubber for comfort

## Category

- Diagnostic Instruments / Auscultation Tools

## Product Form

- Comes assembled, with dual head chest piece, tubing, and earpieces

## Usage

- Used to listen to internal body sounds like heart rate, lung function, bowel movements
- Vital for routine check-ups, surgical monitoring, and diagnosis
- Suitable for field, clinic, and hospital settings

## Advantages

- Lightweight (Simple) for quick field use
- Durable and sensitive (Heavy) for deeper, clearer sound
- Dual head allows versatility between high and low frequency sounds
- Affordable and easy to maintain

## Disadvantages

- Simple model may not pick up faint sounds as effectively
- Heavy model can be bulky for everyday carry
- Not ideal for very noisy environments without noise-cancelling tech

## Precautions

- Avoid bending or crushing the tubing to maintain sound clarity
- Clean chest piece before and after use to prevent cross-contamination
- Store in a dry, dust-free place

## Handling & Sterilization Details

- Clean with alcohol wipes or mild antiseptic solution
- Avoid soaking in liquid or exposing to extreme heat
- Replace eartips regularly for hygiene and comfort

## Veterinary Application

- Used to monitor vital signs in large and small animals
- Essential during pre- and post-operative care and emergency diagnosis
- Particularly helpful for detecting digestive issues (like rumen activity) in large animals

## **Human Application**

- Commonly used in general practice, hospitals, and diagnostic labs
- Effective for cardiology, respiratory exams, and abdominal assessments

## **HS & HSN Codes**

- **HS Code:** 9018.90
- **HSN Code:** 9018

## **FAQs**

### **Q: What's the difference between the 22" Simple and 24" Heavy models?**

A: The 22" Simple is lightweight and good for general use, while the 24" Heavy offers improved sound sensitivity and durability.

### **Q: Can this stethoscope be used on both animals and humans?**

A: Yes, it is designed for use in both veterinary and human diagnostics.

### **Q: How often should the tubing or earpieces be replaced?**

A: Every 6–12 months or sooner if showing signs of wear or contamination.

### **Q: Is the dual-head chest piece useful?**

A: Yes, it allows switching between low and high-frequency sounds for better diagnostic flexibility.

### **Q: Can I sterilize the stethoscope?**

A: The chest piece can be cleaned with disinfectants; avoid submerging or autoclaving the entire unit.

