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**GRAHAM-FIELD**

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# Sprague-Rappaport Type Stethoscope Instructions for Use

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## Features

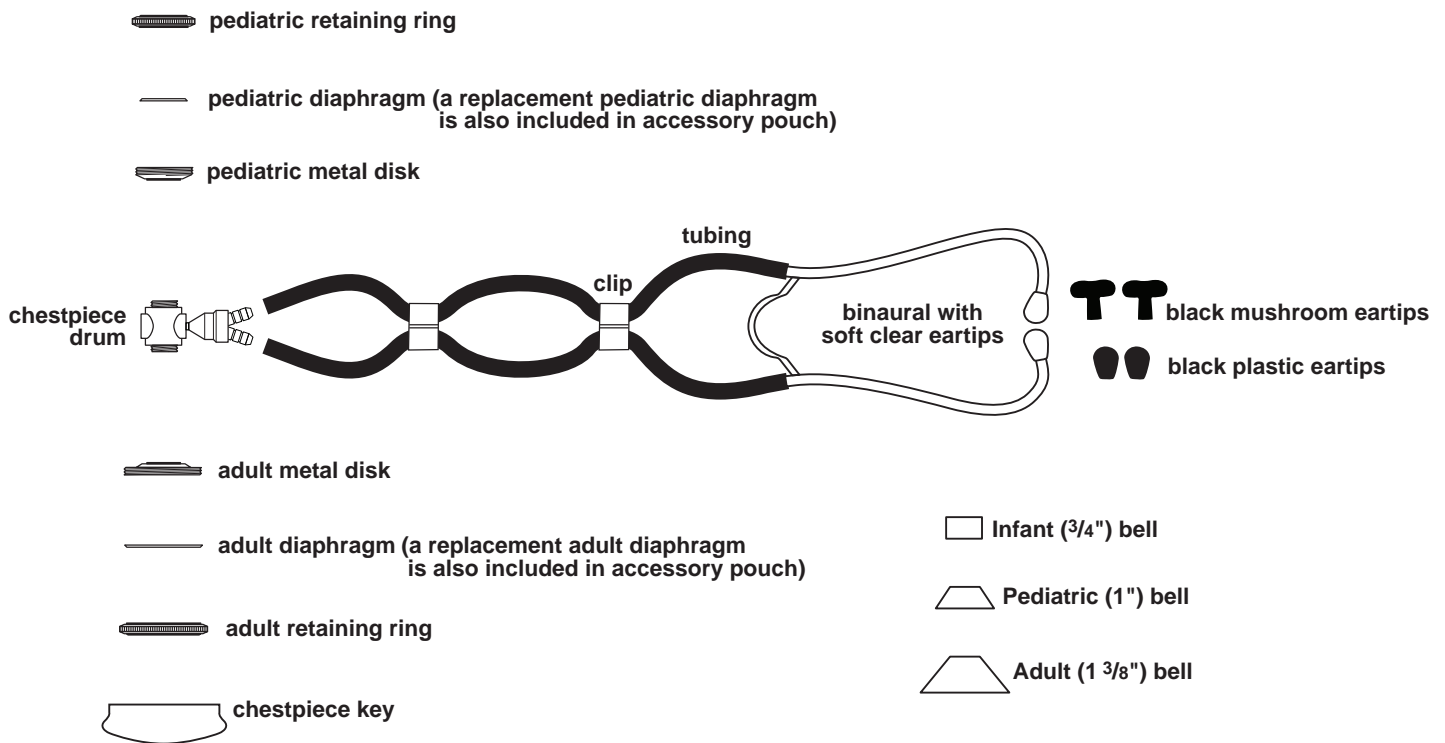
This instrument contains five interchangeable chestpieces — both adult and pediatric diaphragms, as well as three interchangeable bells ( $\frac{3}{4}$ ", 1", and  $1\frac{3}{8}$ ") — to facilitate the detection of high, medium, and low frequency sounds. Each diaphragm or bell, illustrated and described on the next page, has a specific purpose.

The high sensitivities of all these combinations will enable the user to clearly discern low frequencies, high frequencies, and the faintest murmurs.

## Intended Use

The stethoscope is intended to facilitate the ability to hear internal sounds.

## COMPONENT IDENTIFICATION



## COMPONENT DESCRIPTION

(See Picture Above)

### Adult Diaphragm:

Is generally used to detect high-pitched heart, breath, and bowel sounds.

### Pediatric Diaphragm:

Is designed to hear high-pitched pediatric heart sounds.

### Adult (1 3/8") Bell:

Is designed to hear low and medium pitched sounds and murmurs.

### Pediatric or Medium (1") Bell:

Concentrates on narrow spots such as between ribs or any other small places to detect low and medium pitched sounds and murmurs.

### Infant (3/4") Bell:

Best suits the examination of infants and small children to detect low and medium pitched heart sounds and murmurs.

### Chestpiece Key:

Allows installation and removal of diaphragms. Position key over metal disk and click into place. Turn counter-clockwise to remove or clockwise to install.

### Eartips:

Are provided in different sizes and materials for a customized fit.

## INSTRUCTIONS FOR USE

This dual-headed stethoscope, equipped with both large and small diaphragms fitted on a revolvable twin drum, is operational in two positions 180° apart. The drum contains a leak-free valve stem.

1. Carefully insert binaural eartips into ears.
2. Tap the diaphragm softly; this should produce sounds clearly. If you don't hear the tapping sound, rotate the head 180° until it clicks into place in the other operational position.
3. Tap again to be sure the instrument is correctly set for use.
4. Follow the same procedure when you convert from one chestpiece to another.

### Care and Maintenance

To ensure the sound quality of your stethoscope:

**Clean eartips as needed with a damp cloth to prevent excessive cerumen or other foreign matter from entering the eartips and tubing.**

**DO NOT immerse in liquid, sterilize, or apply solvent or oil to the stethoscope. Wipe it with a 70% isopropyl alcohol solution if disinfection is required.**

**DO NOT subject the stethoscope to extreme heat or cold.**