

WS-3

Professional Sprague Rappaport Type Stethoscope



EN Instructions for use

READ THIS INSTRUCTION MANUAL CAREFULLY BEFORE USE

INTRODUCTION

Stethoscope is the most popular device in medical unit. It's an assist instruments to measure blood pressure in clinic and home.

INTENDED PURPOSE

Rappaport stethoscope is used for listening to various sounds of heart, lungs and organs of human body. Rappaport stethoscope is used together with Aneroid Blood Pressure Kit for measuring of systolic and diastolic blood pressure.

FEATURES

- WS-3 has a 2-sided chestpiece with 2 diaphragms and is furnished with 3 different-sized bell chestpieces
- Features 5-way convertible purposes in one unit
- Large/Small diaphragms for sounds of low/high frequency
- Adult/Medium/Infant size bells for low, medium or high pitched sounds

PRECAUTIONS

- This device may be used only for the purpose described in this manual. The manufacturer cannot be held liable for damage caused by incorrect application.
- The device must be protected against shocks.
- It's forbidden to knock chestpiece with full force. It may damage membrane.
- Do not damage with cutting or sharp objects.
- Don't press the membrane with hand.
- Do not expose the device to excessively high or low temperatures.
- If membrane is damaged or tubing is aged, change them in time. Otherwise it may effect test result.
- Keep the device away from children; some parts are small enough to be swallowed.

CONTRAINDICATIONS

Contraindications are not revealed.

MAIN STRUCTURE

Stethoscope WS-3 consists of binaural, chestpiece and tubes. 2-sided chestpiece has 2 diaphragms that can be changed to bells.

Large Diaphragm: to detect heart sounds of low frequency, diastolic and the third heart sounds, as well as first and second heart sounds. The high pitched murmurs emitting from the heart are also detectable.

Small Diaphragm: to hear infant heart sounds of high pitched nature.

Adult Size Bell: to pinpoint low and medium pitched sounds and murmurs.

Medium Size Bell: concentrates on narrow spots such as between ribs or any other small places to detect low and medium pitched sounds or murmurs.

Infant size Bell: for examination of infants and small children. Low and medium pitched sounds and murmurs emitted by an infant heart are best sensed by the bell.

HOW TO USE

Rappaport stethoscope is dual headed and ready furnished with large and small size diaphragms fitted on revolvable twin-head drum.

- 1) Put binaural tips into your ears.
- 2) Only one side of the chestpiece is acoustically active each time. A soft tapping of diaphragm by your finger will show you if it is in working position.
- 3) If you don't hear the tapping sound rotate the head 180° where it clicks settle in the ready position facing opposite side.
- 4) Then tap again and you will hear the tapping sounds, which means the device is correctly set for use. You can start an auscultation.
- 5) Go through the same procedures when you switch from one chestpiece side to another.
- 6) If you want to change the diaphragm to the bell, unscrew it from the necessary side of twin-head drum and screw the bell you need.

CLEANING INSTRUCTION

It's recommended to clean stethoscope with 75% alcohol solution after use.

WARRANTY

Warranty period is 1 year from the date of purchase. This warranty doesn't cover any damages caused by improper using, and also packaging. When a manufacturing defect is revealed during the warranty period a faulty unit would be repaired or, if repairing is impossible, replaced with another one.

Manufacturing date is in a LOT number: week number, then last numbers of the year.

 The manufacturer may change units partially or completely if necessary, without prior notice.

TECHNICAL SPECIFICATION

| | |
|------------------------|---|
| Tubing length: | 55 cm |
| Weight: | 202 g (without packaging) |
| Operating environment: | temperature: 5°C ~ 40°C, humidity: 10% ~ 95% |
| Storage environment: | temperature: -20° ~ 70°C, humidity: 10% ~ 95% |

SYMBOL INFORMATION



FOLLOW INSTRUCTIONS BEFORE USE



CE MARK



OPERATING ENVIRONMENT, TEMPERATURE 5°C ~ 40°C



MANUFACTURER'S NAME



CAN BE UTILIZED ALONG WITH DOMESTIC WASTE



STORAGE ENVIRONMENT, TEMPERATURE -20°C ~ 70°C



MODEL



LOT NUMBER

Last revision 2020-W47