

# Adscope™ Stethoscope

## Use, Care, & Maintenance



Thank you for choosing an ADC® ADSCOPE™ Stethoscope. Your new ADC® ADSCOPE™ stethoscope is designed to provide unsurpassed acoustic sensitivity, unrivalled durability, and unparalleled comfort. Every component has been carefully designed to maximize performance.

### Device Description and Intended Use

This device is intended for medical diagnostic purposes only. It can be used for listening to heart, lung and other body sounds as well as for normal auscultation. The device is not designed, sold or intended for use except as indicated.

### General Warnings ⚠

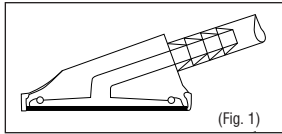
**A warning statement in this manual identifies a condition or practice which, if not corrected or discontinued immediately, could lead to patient injury, illness, or death.**

**CAUTION:** Never use stethoscope without eartips firmly locked in place.

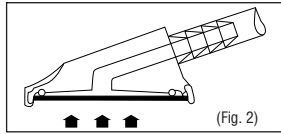
**WARNING:** This product may contain a chemical known to the state of California to cause cancer, birth defects, or other reproductive harm.

### Selection of the Chestpiece (AFD Models - 600, 603, 612, 614, 615)

The ADC® ADSCOPEs™ with AFD Technology provide the enhanced acoustic response of a traditional bell and diaphragm in a convenient one-sided chestpiece. A rubber gasket around the perimeter of the diaphragm allows you to alter the frequency response by changing the contact pressure.



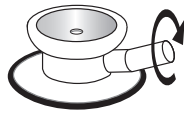
For low frequency response (bell phase) simply hold the chestpiece in place with light pressure. (Fig. 1)



For high frequency monitoring (diaphragm phase) apply firm fingertip pressure on the sculpted finger rest. (Fig. 2)

### Selection of the (Traditional 2-sided model) Combination Chestpiece

On ADC® ADSCOPE™ combination stethoscopes you can select the use of either the diaphragm for monitoring high frequency sounds, or the open bell for monitoring low frequency response.



Diaphragm Activated

To select a side, hold the chestpiece valve stem in one hand and rotate the chestpiece 180° with the other hand until it "clicks" into place. The stem has a slight bend, the high point of the bend faces the activated side.

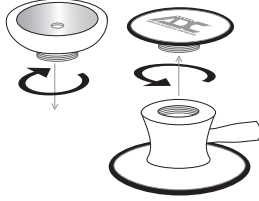


Bell Activated

To confirm which side is activated, tap lightly on one side, then the other, to hear which provides the positive response.

### Converting the Chestpiece (601 Only)

The #601 chestpiece drum accommodates 2 different chestpiece attachments of your choice. To attach the bell you must first remove the pediatric diaphragm and then thread the bell clockwise until tight.



To remove pediatric diaphragm twist in a counterclockwise direction.

### Orientation of the Headset

The binaurals (eartubes) are angled at 15° to permit a comfortable, acoustically sealed aural fit. Eartips should point forward, towards the bridge of the nose to fit properly.



Correct

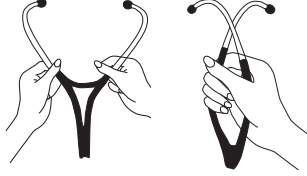


Incorrect

### Adjusting the Spring Tension in the Headset

To reduce the tension, grip the binaurals firmly using both hands with fingers at the center of the "Y" in the tubing, thumbs at each side where the tubing branches out. Flex binaurals gradually until the desired tension is obtained.

To increase the tension, grip the binaurals in the hand and squeeze the binaural tubes together gradually.



TO: reduce tension TO: increase tension

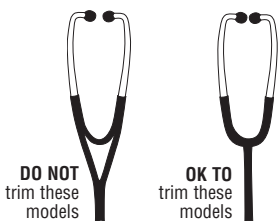
**CAUTION:** Excessive adjustment could weaken the spring.

## Shortening the Tube Length (Non Cardiology Models **ONLY**)

All ADSCOPEs™

(except #600 Platinum Cardiology, #601 Convertible Cardiology and #602 Cardiology models) are equipped with 22" tubing for convenience.

If a shorter length is desired, remove chestpiece from tubing. Cut tubing to desired length with a sharp single edge razor on a hard surface. Soften tubing by immersing in hot water for approximately one minute, and reinsert chestpiece stem in tubing.



**CAUTION:** Allow tubing to cool after immersing in hot water before handling.

## Replacing the Diaphragm

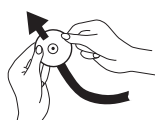
Select ADSCOPEs™ are equipped with up to two ultrasensitive, yet extremely durable diaphragms. It is unlikely that they will ever need replacement.



**To replace the Snap-on (PVC) Rim:** Snap off the rim and remove the worn diaphragm. Replace with new diaphragm and reattach rim by gently stretching rim until the chestpiece edge inserts fully in the track within the rim.



**To replace Threaded (Metal) Rim:** Turn rim counterclockwise to remove. Replace with new diaphragm and reattach rim by turning clockwise until tight to re-assemble.



## Replacing Eartips

**To replace Adsoft™ Plus Eartips:** Slide Adsoft™ PLUS eartip over adapter until it locks tight into internal channel. Repeat steps for second aural tube.



## Care and Maintenance

- Avoid extreme heat, cold, solvents, or oils.
- Do NOT leave exposed to direct sunlight for prolonged periods of time.
- Binaurals and tubing can be wiped down with alcohol or mild soapy water.
- Eartips may be removed from binaurals for a thorough cleaning.
- Periodically check that eartips are tightly secured to binaurals.
- Do NOT immerse stethoscope in any liquid or subject to steam sterilization.
- If sterilization is necessary, gas sterilize only.
- Chestpieces and diaphragms can be wiped down with alcohol for cleaning purposes.

## LIMITED WARRANTY

American Diagnostic Corporation (ADC®) warrants its products against defects in materials and workmanship under normal use and service as follows:

1. Warranty service extends to the original retail purchaser only and commences with the date of delivery.
2. Your ADSCOPE™ stethoscope is warranted for life.  
(#609 warranted for 5 years).

**What is Covered:** Replacement of parts, and labor.

**What is Not Covered:** Transportation charges to and from ADC®. Damages caused by abuse, misuse, accident, or negligence. Incidental, special, or consequential damages. Some states do not allow the exclusion or limitation of incidental, special, or consequential damages, so this limitation may not apply to you.

**To Obtain Warranty Service:** Send item(s) postage paid to ADC®, Attn: Repair Dept., 55 Commerce Dr., Hauppauge, NY 11788. Please include your name and address, phone no., proof of purchase, and a brief note explaining the problem.

**Implied Warranty:** Any implied warranty shall be limited in duration to the terms of this warranty and in no case beyond the original selling price (except where prohibited by law).

This warranty gives you specific legal rights and you may have other rights which vary from state to state.

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