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# Adscope® Stethoscope

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## Instructions for Use



**ADC**<sup>®</sup>  
AMERICAN DIAGNOSTIC CORPORATION


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.

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## 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.

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**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.*

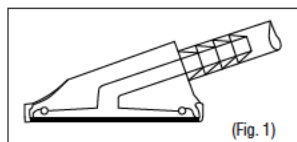
**CAUTION:** Never use stethoscope without eartips firmly locked in place.

**WARNING:** Stethoscope contains small parts which may present a choking hazard. Faceplates and accessories should be kept out of the reach of children.

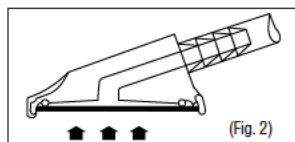
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## Selection of the Chestpiece (AFD Models - 600, 601, 603, 604, 606, 608, 612, 614, 615, and 618)

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 Combination Chestpiece (Traditional 2-sided Model)

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.

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 an engraved dot, confirming the activated side when it faces either the bell or diaphragm.

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



Diaphragm Activated



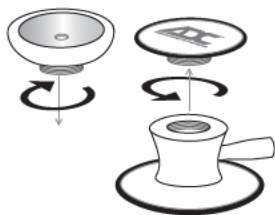
Bell Activated

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## Converting the Chestpiece (601, 608 Only)

The 601 and 608 chestpiece drums accommodate 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.



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## 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.

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## Shortening the Tube Length (Clinician Models **ONLY**)

Clinician Series Adscopes are equipped with 22" tubing.

If a shorter length is desired, remove the chestpiece from tubing. Cut tubing to desired length with a sharp single edge razor on a hard surface. To soften tubing, use a hair dryer on a low heat setting for approximately one minute, and reinsert chestpiece stem in tubing.

**CAUTION:** Allow tubing to cool before using.



DO NOT  
trim these  
models



OK TO  
trim these  
models

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## 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.

**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.



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



## Replacing Faceplates (618 Models)

**Removal:** Hold the chestpiece with one hand. Pop off the old plate diagonally from behind.



**Replace:** Position the bottom of the new plate to the socket of the chestpiece. Snap the top firmly into place.



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## 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.



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## Cleaning, Disinfection, and Storage

- Clean your Adscope between patients using either a 70% isopropyl alcohol solution, 70% isopropyl alcohol wipe, or disposable wipe with soap and water. Be sure to wipe down all surfaces including chestpiece, tubing, headset and eartips.
- The diaphragm, non-chill bell ring, and eartips may be removed for a thorough cleaning if desired. Ensure all parts are thoroughly dry before reassembling. Do not remove chestpiece.
- If storing in original box, the molded tray (all models except 609) may also be wiped down to reduce risk of re-contamination.
- Avoid extreme heat, cold, solvents or oils.
- Do not leave exposed to direct sunlight for prolonged periods of time.
- Periodically check that eartips are securely affixed to the headset and free from damage.
- Do not immerse stethoscope in any liquid.
- Do not steam sterilize. If sterilization is necessary gas sterilize only.

## LIMITED WARRANTY

Please register your stethoscope online at: <http://www.adctoday.com/register>. 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 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.

### For Australian Consumers

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonable foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

To register your product visit us at:  
**[www.adctoday.com/register](http://www.adctoday.com/register)**

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follow the links for language options:

**[www.adctoday.com/care](http://www.adctoday.com/care)**

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FOR QUESTIONS, COMMENTS, OR SUGGESTIONS CALL TOLL FREE:

**1-800-ADC-2670**

OR VISIT:

**[www.adctoday.com/feedback](http://www.adctoday.com/feedback)**



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