

User Manual of Product 1:

ADC - 600ST ADSCOPE 600 Cardiology Stethoscope with AFD
Technology, Tactical, Adult

Adscope® Stethoscope

Use, Care,
& Maintenance



ADC[®]
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.

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.

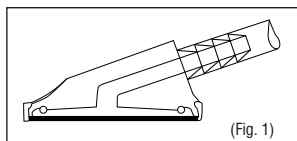
General Warnings ⚠ ***A warning statement in this manual identifies a condition or practice which, if not corrected or discontinued immediately, could lead to patient injury, illness, or death.***

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

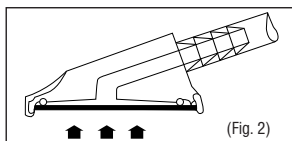
WARNING: Stethoscope contains small parts which may present a choking hazard. Faceplates and accessories should be kept out of the reach of children.

Selection of the Chestpiece (AFD Models - 600, 601, 603, 604, 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 gas-ket 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.

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

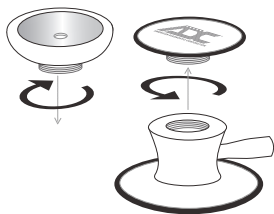


Bell Activated

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 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

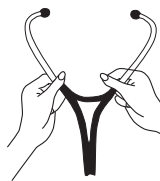


Incorrect

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, 602 Cardiology and 606 Cardiology-Lite models) are equipped with 22" tubing for convenience.

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 after heating before handling.



DO NOT
trim these
models



OK TO
trim these
models

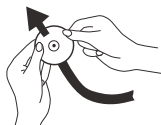
Replacing the Diaphragm

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.

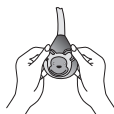


Replacing Faceplates (618 Models)

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.



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.

To register your product visit us at:
www.adctoday.com/register

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www.adctoday.com/feedback



ADC
55 Commerce Drive
Hauppauge, NY 11788



ADC (UK) Ltd.
Unit 6, PO14 1TH
United Kingdom

Inspected in the U.S.A.
Made in Taiwan & China
tel: 631-273-9600
toll free: 1-800-232-2670
fax: 631-273-9659
www.adctoday.com
info@adctoday.com

