

In the event that the gauge is ever in need of calibration, simply return to ADC. Damaged or broken parts will be replaced as needed at a minimum charge. Refer to the warranty for specific details of warranty coverage.

Inflation System: Consult the enclosed manual entitled "ADCUFF™ SPHYGMOMANOMETER ACCESSORIES" for care and maintenance of inflation system components.

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. **The entire sphygmomanometer is warranted for one year.**
3. **The inflation system is warranted for two years.**
4. **The #805 manometer is warranted to remain accurate to +/-3mmHg over its full range when compared to a reference standard for life.**

What Is Covered: Calibration, repair, or 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 Drive, Hauppauge, NY 11788. Please include your name and address, phone no., and proof of purchase, with a brief note explaining the problem, and \$2.00 to cover the cost of return shipping and handling.

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 A COMPLETE DESCRIPTION AND LISTING OF ALL AVAILABLE ADC BP INSTRUMENT ACCESSORIES INCLUDING LATEX-FREE MODELS PLEASE REFER TO THE BOOKLET ENTITLED "ADCUFF™ SPHYGMOMANOMETER ACCESSORIES".

FOR QUESTIONS, COMMENTS, OR SUGGESTIONS CALL TOLL-FREE 1-800-ADC-2670.

Warning - 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 - Do not allow a blood pressure cuff to remain on patient for more than 10 minutes when inflated above 10 mmHg. This may cause patient distress, disturb blood circulation, and contribute to the injury of peripheral nerves.

Warning - If luer lock connectors are used in the construction of tubing, there is a possibility that they might be inadvertently connected to intravascular fluid systems, allowing air to be pumped into a blood vessel.

Caution - For all blood pressure systems that can be wall mounted (Diagnostix™ 750W), ensure that the unit is securely mounted prior to use to avoid damage to the instrument and potential patient injury.

Warning - Safety and effectiveness with neonate cuff sizes 1 through 5 is not established.

Warning - Do not twist connectors when joining the blood pressure cuff to the tubing - this may cause the connector to stick and make changing BP cuffs difficult.

Caution - Federal law restricts this device to sale by or on the order of a physician or licensed healthcare practitioner.

To obtain the greatest accuracy from your blood pressure instrument, it is recommended that the instrument be used within a temperature range of 50°F (10°C) to 104°F (40°C), with a relative humidity range of 15% - 90% (non-condensing).

**FOR QUESTIONS, COMMENTS OR SUGGESTIONS
CALL TOLL FREE: 1-800-ADC-2670**

**To Register Your Product, visit us at www.adctoday.com
and follow the links**



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**DIAGNOSTIX™
750W WALL
ANEROID
&
752M MOBILE
ANEROID**

**USE, CARE, &
MAINTENANCE**

AMERICAN DIAGNOSTIC CORPORATION

A Special Thank You...

Thank you for choosing an ADC blood pressure instrument. We're proud of the care and quality that goes into the manufacture of each and every sphygmomanometer that bears our name.

Only the finest materials are used to assure you of a timeless instrument designed for optimum performance.

You'll quickly appreciate the results for you now own the finest sphygmomanometer that money can buy.

With proper care and maintenance your ADC blood pressure instrument is sure to provide you with many years of dependable service. Please read the following instructions and general information which will prove helpful in allowing you to enjoy your ADC product.

Thank you for your patronage. It is indeed our pleasure to serve you.

Sincerely,
American Diagnostic Corp.

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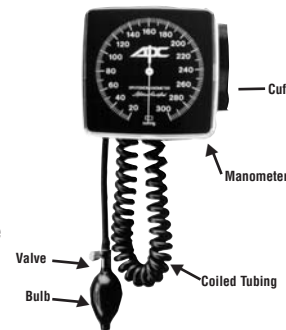
INTENDED USE

ADC aneroid sphygmomanometers are used by professional healthcare providers and individuals trained in auscultatory blood pressure technique to determine systolic and diastolic blood pressure in humans and animals.

PARTS AND ASSEMBLY

This booklet contains operating and maintenance information for the DIAGNOSTIX™ 750W series, Wall Mount and 752M series, Mobile Aneroid Sphygmomanometer. Please read and retain.

Your DIAGNOSTIX™ 750W consists of a large "clockface" aneroid with easy-to-read 6" dial, an integral swivel bracket/cuff storage compartment (wall series only), complete inflation system (which includes the ADCUFF™ nylon cuff with Size Guide™ marking system, latex inflation bladder, bulb, and the ADFLOW™ valve), 8 foot length coiled tubing, luer connectors, mounting hardware, and operating instructions. The DIAGNOSTIX™ 752M is mounted on a height adjustable, Spider-Leg™ 5 leg mobile stand.



To assemble the inflation system, connect coiled tubing to air inlet nipple at bottom of gauge. Insert male luer adapter on bladder tubing into female receptacle at free end of coiled tubing. Store folded inflation system in swivel bracket behind gauge on 750W or in integral basket on 752M.

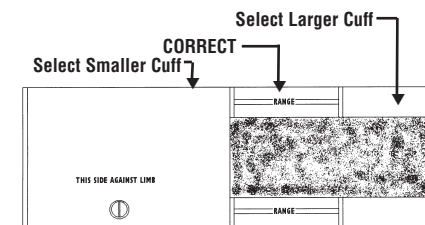
CONSULT SEPARATE INSTRUCTIONS FOR WALL MOUNTING OR ASSEMBLY OF MOBILE STAND (ENCLOSED).

MEASUREMENT PROCEDURE

- 1. Patient Position** - The patient should sit or lie comfortably. The arm should be fully supported on a flat surface at heart level. (If the arm's position varies, or is not level with the heart, measurement values obtained will not be consistent with the patient's true blood pressure.) Observer should view manometer in a direct line and at eye level to avoid "parallax error".
- 2. Apply the cuff** - ADCUFF™ nylon cuffs, with a proprietary Size Guide™ marking system, are specially designed to promote the precise, accurate determination of blood pressure. Index and range markings ensure use of the correct cuff size. The artery mark indicates proper cuff positioning.

Place the cuff over the bare upper arm with the artery mark, positioned *directly* over the brachial artery. The bottom edge of the cuff should be positioned approximately one inch above the antecubital fold. Wrap the end of the cuff not containing the bladder around arm

snugly and smoothly and engage adhesive strips. To verify a correct fit, check that the INDEX line falls between the two RANGE lines.



- 3. Inflate the cuff** - Close the ADFLOW™ valve by turning thumbscrew clockwise. Palpate the radial artery while inflating the cuff. Be sure to inflate cuff quickly by squeezing bulb rapidly. Inflate cuff 20-30mmHg above the point at which the radial pulse disappears.
- 4. Position the Stethoscope** - Position the chestpiece in the antecubital space below the cuff, distal to the brachium. Do not place chestpiece underneath the cuff, as this impedes accurate measurement. Use the bell side of a combination stethoscope for clearest detection of the low pitched Korotkoff (pulse) sounds.
- 5. Deflate the cuff** - Open the valve to deflate the cuff gradually at the AHA recommended rate of 2-3mmHg per second.
- 6. Measurement** - Record the onset of Korotkoff sounds (Phase 1) as the systolic pressure, and the disappear-

ance of these sounds (Phase 5) as the diastolic pressure. (Some healthcare professionals prefer recording diastolic 1 and diastolic 2. Diastolic one occurs at phase 4). After measurement is completed, open valve fully to release any remaining air in the cuff. Remove cuff.

CARE AND MAINTENANCE

Storage - After measurement, wrap cuff around bulb and store in cuff storage compartment.

Manometer - Your DIAGNOSTIX™ 750 series aneroid gauge (#805) requires minimal care and maintenance.

The manometer may be cleaned with a soft cloth but should not be dismantled under any circumstances.

Gauge accuracy can be checked visually; simply be certain the needle rests within the calibration mark when the unit is fully deflated.

Should the indicator needle of the manometer rest outside of this calibration mark, then the manometer must be recalibrated to within +/-3 mmHg when compared to a certified reference standard. No manometers that have their indicator needle resting outside of this mark are acceptable for use.

