

## 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 disappearance of these sounds (Phase 5) 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 basket.

### Manometer

Periodically replace the filter plug and diaphragm, and clean the inside of the plastic cartridge tube using alcohol and a lint free pipe brush. Units should be cleaned and serviced periodically depending on frequency of use, or whenever inside of cartridge tube appears dirty. Proper servicing of your mercury unit according to a strict maintenance schedule will assure maximum measurement accuracy and extend the life of your instrument.

For directions on disassembling the unit refer to the enclosed schematic diagram and accompanying instructions.

PLEASE NOTE: MERCURY IS TOXIC. SECURE MERCURY WITHIN THE RESERVOIR BEFORE SERVICING UNIT. ALWAYS WEAR PROTECTIVE CLOTHING (GLOVES AND GOGGLES) WHEN CLEANING OR SERVICING THE UNIT. CLEAN ANY SPILLED MERCURY PROMPTLY USING APPROVED MERCURY CONTAINMENT KITS. ONLY PROPERLY TRAINED SERVICE TECHNICIANS SHOULD ATTEMPT TO SERVICE THE UNIT. CONSULT THE ENCLOSED MANUAL ENTITLED "JUST IN CASE" FOR PROCEDURES ON DEALING WITH A MERCURY SPILL.

## Inflation System

Consult the enclosed manual entitled "ADCUFF™ SPHYG ACCESSORIES" for care and maintenance of inflation system components.



**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.



**Warning** - 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. Immediately consult a physician if this occurs.



**Warning** - For all blood pressure systems that can be wall mounted(Diagnostix™ 952B), 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.



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



**Warning** - Do not twist connections when joining the blood pressure cuff to tubing as this may cause the connector to stick and make changing the blood pressure cuff difficult.

## LIMITED WARRANTY

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

- Warranty service extends to the original retail purchaser only and commences with the date of delivery.
- The entire sphygmomanometer is warranted for one year.
- The inflation system is warranted for two years.
- The calibrated plastic cartridge tube is warranted for life and will be replaced FREE OF CHARGE when returned freight prepaid.

**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., proof of purchase, 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.**

To Register Your Product, visit us at  
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# 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.

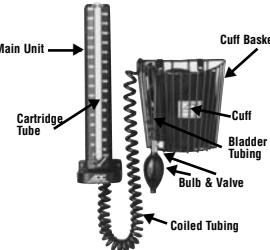
Only the finest materials are used to assure you of a timeless instrument designed for optimum performance.

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.



## Operating Instructions

Your DIAGNOSTIX™ 952 Wall Mount Mercury Sphygmomanometer

## USE, CARE, & MAINTENANCE



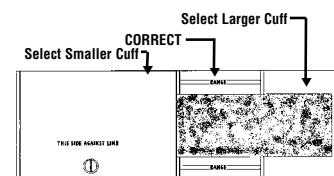
## DIAGNOSTIX 952 MERCURIAL BLOOD PRESSURE INSTRUMENT



ensure use of the correct cuff size. The artery mark indicates proper cuff positioning.

Place the cuff over the bare upper arm with "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.

