

DO NOT PRESS WITH HOT IRON.

Disinfecting:

Glutaraldehyde-type liquid disinfectants may be used on the durable one-piece integrated cuff. Follow instructions for use provided with the Glutaraldehyde product. Prolonged use of these disinfectants may cause discoloration.

Do not use glutaraldehyde-type liquid disinfectants on the aneroid gauge, bulb, valve, or tubing.

Sterilizing:

The durable integrated blood pressure cuff may be gas sterilized.

Do not use steam or heat to sterilize the cuff, bulb, valve, or tubing.

Do not attempt to sterilize the aneroid gauge.

Specifications and Standards

The DuraShock® integrated aneroid sphygmomanometer is accurate to ± 3 mmHg and conforms to applicable sections of the following standards for aneroid sphygmomanometers:

- American National Standard ANSI/AAMI SP10-2002, Manual, Electronic, or Automated Sphygmomanometers.
- European Standard EN 1060-1: 1998, Non-invasive sphygmomanometers, Part 1: General Requirements

- European Standard EN 1060-2: 1996, Part 2: Supplementary requirements for mechanical sphygmomanometers (excluding Section 7.4.3 for pointer thickness).
- INMETRO Technical Metrological Regulation Number 24 of February 26, 1996 (excluding Section 5.4).

This product will maintain the safety and performance characteristics specified at temperatures ranging from 0°C (32°F) to 46°C (115°F) at a relative humidity level not to exceed 85%.

Calibration Check of Aneroid Sphygmomanometer

ADC recommends that you confirm the calibration of your DuraShock® gauge once a year or when the needle rests outside the oval when the gauge is disconnected from the cuff. Should the indicator needle of the manometer rest outside of this calibration mark, then the manometer must be re-calibrated 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. ADC will test and, if necessary, recalibrate your gauge during the warranty period at no cost. To obtain calibration service, send to:

ADC Service Department
55 Commerce Drive, Hauppauge, NY 11788

Please allow 2 weeks for processing. **Note:** If you wish to perform a calibration check yourself call or write for instructions.

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.**
- Integrated inflation system is warranted for 3 years.**
- DuraShock® gauge is warranted to remain accurate for 5 years.**

What is Covered: 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 Dr., Hauppauge, NY 11788. Please include your name and address, daytime 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.



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, ensure that the unit is securely mounted prior to use to avoid damage to the instrument and potential patient injury.

**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**



55 Commerce Drive • Hauppauge, NY 11788
www.adctoday.com

USE, CARE, & MAINTENANCE OF THE DURASHOCK™ INTEGRATED SPHYGMOMANOMETER



the first time...
Shock-resistant...
sphygmomanometer.
www.adctoday.com
800-ADC-2670



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 item 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 one of the finest sphygmomanometers that money can buy.

With proper care and maintenance, your ADC product 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.

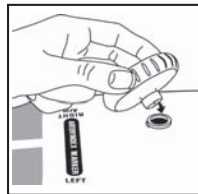
Thank you for your patronage. It is indeed our pleasure to serve you.

Sincerely,
American Diagnostic Corp.

Assembly Instructions

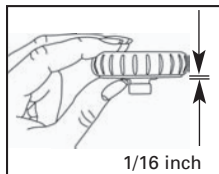
Your unit comes pre-assembled

1. Attach the gauge to the cuff by pressing the gauge stem into the cuff port until you feel it engage. The gauge can be rotated 360° in the cuff port to improve your view of the dial face during readings.

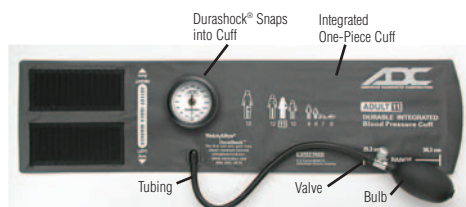


2. Push the remaining smaller-diameter barb of the valve onto the tube.

Note: To assemble the bumper to our ADC DuraShock® integrated gauge (model 8001), gently slide bumper over the gauge until the bumper just contacts the crystal around the entire circumference. Do not force to the point where the bumper shape is deformed, as this will reduce the shock-resistant properties of the bumper. Properly assembled, about 1/16-inch (2 mm) of the gauge will be visible below the bumper when viewed from the side (see illustration).



Components of the DuraShock® Integrated Aneroid Sphygmomanometer



Instructions:

Auscultatory Method

1. Select cuff size appropriate for the patient's arm circumference. The applicable range, in centimeters, is printed on each cuff.

Note: The "Artery Index Marker" on the cuff should fall within the "Range" indicated on the cuff. If the Artery Index Marker falls short of range, a larger cuff should be used to ensure accurate results. If the Artery Index Marker is past the range, a smaller cuff should be used to ensure accurate results.

2. Wrap the cuff around the arm with the Artery Index Marker located over the brachial artery and with the lower edge of the cuff 1-inch (2.5 cm) above the antecubital fold.
3. Inflate cuff rapidly to a level 30 mmHg above estimated (or palpatory) systolic pressure.

4. Partially open the valve to allow deflation at a rate of 2 to 3 mmHg per second.
5. As the pressure falls, note systolic pressure and diastolic pressure with your stethoscope.
6. Rapidly release the remaining pressure and record measurements immediately. After a minimum of 30 seconds, repeat the above steps for a second reading.

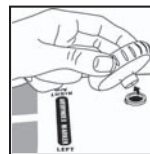
CAUTION:

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.

Inflation System Change and Replacement

The DuraShock® blood pressure gauge connects effortlessly to the inflation system via a unique port connection. Therefore, only integrated blood pressure cuffs can be used with the ADC DuraShock® blood pressure gauge.

1. To remove the inflation system, simply grasp the gauge and pull away from the cuff. Rotating the gauge as it is being pulled away from the cuff will make removal easier.



2. To attach a new or different size integrated blood pressure cuff, simply press the gauge stem into the cuff port until you feel it engage. Rotating the gauge as it is being pressed into the cuff will make insertion easier.

How to Clean, Disinfect, and Sterilize the DuraShock™ Sphygmomanometer

Aneroid Gauge, Inflation Bulb, and Valve: Clean the aneroid gauge, inflation bulb, and valve by wiping with slightly dampened cloth or alcohol pad.

Integrated One-Piece Cuff: Cuffs may be safely cleaned with a damp cloth (70% alcohol or 0.5% bleach solution may be used) or washed in warm water (140°F / 60°C maximum) with mild detergent.

Before laundering the cuff:

1. Remove the inflation bulb and valve.
2. Close off the end of the tubing with Tube Plug Accessory
3. Close off the cuff port with Cuff Port Laundering Plug.
4. Place the hook & loop fasteners in the closed position.
5. Machine launder using gentle cycle, warm water, and mild detergent.
6. Air dry completely and reassemble components.