



BP ANEROID MANOMETER

The Aneroid Sphygmomanometer is accurate to ± 3 mm Hg. This product will maintain the safety and performance characteristics specified at temperatures ranging from 10 °C to 40 °C at a relative humidity level not to exceed 90%.

BP Aneroid Manometer:

- Clock face aneroid is the ideal blood pressure monitoring solution for institutional use
- Wide range of mounting configurations
- High impact housing protects the movement of aneroid
- All units equipped with 8' (when extended) of coiled tubing for convenience
- Color compliments any decor

MEDICAL FACILITY RESPONSIBILITY

BP Aneroid Sphygmomanometer must be inspected periodically. Assure the proper backing in the wall is installed prior to mounting. A defective product should not be used. Parts that are broken, missing, plainly worn, distorted or contaminated, should be replaced immediately. Should such repairs or replacements become necessary, please contact your local distributor.

ALTHOUGH CONSIDERABLE EFFORT HAS BEEN MADE TO ENSURE THE SAFETY OF THIS PRODUCT IN THIS MANUAL THE INSTALLATION ITSELF IS BEYOND THE CONTROL OF AMICO ACCESSORIES INC. ACCORDINGLY, AMICO ACCESSORIES WILL NOT BE RESPONSIBLE FOR THE FAILURE OF ANY SUCH INSTALLATION.

Contact Amico Accessories to discuss solutions not covered in this manual.

Read and understand all the safety and operating instructions contained in this manual. If you don't understand these instructions, or have any questions, contact your supervisor, dealer or manufacturer before attempting to use the apparatus.

PRECAUTIONS

In this manual, notice these key words:

***WARNING:** Used to denote steps which can prevent injury.

***NOTE:** Used to point out helpful information.

Quick Check of Calibration:

At zero pressure, make certain the pointer is within the oval surrounding the zero-pressure gradation on the dial. Although an unpressurized reading of zero does not guarantee accuracy at all scale points, failure of the pointer to indicate zero (± 3 mm Hg) is an obvious sign of error.

NOTE: Your ability to measure the accuracy of a gauge depends upon the sensitivity of the pressure standard you use for the calibration procedure. If using a manometer (mercury column or aneroid gauge) rated at ± 3.0 mm Hg, an undetectable error of up to 6.0 mm Hg is possible. If using a device (e.g., digital pressure standard) rated at ± 0.1 mm Hg, an undetectable error of up to only 3.1 mm Hg is possible..

Full Check of Calibration:

A full check of calibration at least every two years is recommended.

1. Connect the instrument under test to a high quality, known pressure standard and a 150 to 500 cc test volume using a T-connector.
2. Pressurize gauge to approximately 300 mm Hg.
3. Bleed pressure down no faster than 10 mm Hg per second, stopping to check the pressure at 300, 250, 200, 150, 100, 50 (60 for US) and 0 mm Hg.

OPERATION

The cuff is made of lightweight, sturdy fabric with a soft hook and loop fastener strips for a snug fit.

1. Select the 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, use a larger cuff to ensure accurate results. If the artery index marker is past the range, use a smaller cuff 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 2.5 cm above the bend in the elbow.
3. Inflate cuff rapidly to a level 30 mm Hg above estimated systolic pressure.
4. Partially open the valve to allow deflation at a rate of 2 to 3 mm Hg per second. As the pressure falls, note systolic pressure and diastolic pressure detected with your stethoscope.

5. Rapidly release the remaining pressure and record measurements immediately. After a minimum of 30 seconds, repeat the above steps for a second reading.

Maintenance

Sterilization: Do not use steam, heat, or liquid disinfectants to sterilize the cuff, inflation system or manometer. Gas sterilization may be used if necessary.

Aneroid Gauge, Inflation Bulb, and Valve: Wipe the aneroid gauge, inflation bulb, and valve with a slightly damp cloth or alcohol pad.

Durable One-Piece Cuff: Safely clean the cuff with a damp cloth (70% alcohol or 0.5% bleach solution) or wash in warm water (60 °C maximum) with mild detergent. **DO NOT PRESS WITH HOT IRON.**

Two-Piece Cuff Bladder: Safely clean the cuff with a damp cloth or wash in warm water (60 °C maximum) with mild detergent. **DO NOT PRESS WITH HOT IRON.**

Before Washing the cuff:

1. Remove the bladder from the two-piece cuff and block the tube(s) on one-piece cuffs.
2. Place the hook and loop fasteners in the closed position.
3. Gently wash in warm water and mild detergent.
4. Air dry completely and reassemble components.

MOUNTING

Wall Mount

***NOTE:** Mounting screws provided are intended for direct wall mounting. Hardware is not provided for installation on other surfaces.

The wall mount Aneroid (**AM-CB**) is packed complete with gauge, cuff basket, and mounting screws.

1. Mount the bracket to the wall. The gauge should be mounted near eye level for the users reading the gauge. If the screws supplied are not suitable for the application, select mounting screws of adequate size and type to secure the instrument firmly to the wall.
2. If the bed needs to be placed close against the wall, then the gauge should be mounted next to the bed. If the gauge needs to be mounted directly above the bed, then the bed should be placed away from the wall.

Rail Systems

NOTE: Assure that the adapter is attached to the appropriate rail before mounting the Aneroid.

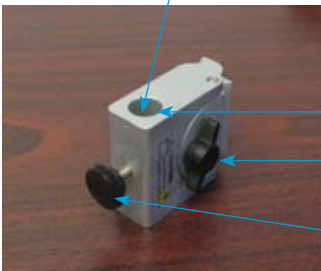
1. Attach the adapter to the appropriate rail. Insert the $\frac{1}{2}$ standard pole located on the "L-Bracket" through the $\frac{1}{2}$ hole on the adapter. Secure the "L-Bracket" to the adapter by turning the black knob located on the adapter counter-clockwise to the tightest possible position.

Aneroid



$\frac{1}{2}$ pole (located at the bottom of L-Bracket)

Adapter

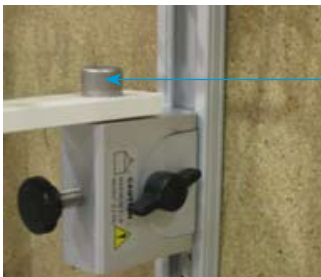


$\frac{1}{2}$ hole

Turn clockwise to tighten & counter-clockwise to loosen adapter to or from rail

Turn clockwise to secure Aneroid to adapter

Aneroid Mounted



Can be tightened to stabilize Aneroid within adapter

5 YEAR WARRANTY

During the term of your warranty: Within the first twelve (12) months from the date of shipment Amico Accessories will repair or replace any part which is proven to be defective at our cost. After the twelve (12) months Amico Accessories will send the parts to the customer free of charge, but the shipping and installation will be borne by the customer.

The warranty is valid only when the product has been properly installed according to Amico Accessories specifications used in normal manner and serviced according to factory recommendations. It does not cover failures due to damage which occur in shipments or failures which resulted from accidents, misuse, abuse, neglect mishandling, alteration, misapplication or damage that may be attributable to acts of God.

AMICO ACCESSORIES DOES NOT HONOR VERBAL STATEMENTS CONCERNING THE WARRANTY.

The distributor and/or dealer are not sanctioned to create verbal warranties about the product described in this agreement. Any statements will not be honored or be made part of the agreement of sale. This document is the final complete and exclusive terms of the agreement.

THIS WARRANTY IS INCLUSIVE AND REPLACES ALL OTHER WARRANTIES.

Amico Accessories shall not, under any circumstances be liable for incidental or consequential damages including, but not limited to, profit, loss of sales or injuries to person(s) or property. Correction of non-compliance as noted above will result in completion of all liabilities of Amico Accessories whether based on agreement, neglect or changed materials, designs or specifications without notice.

All claims for warranty must first be approved by Amico Accessories Service Department: (info@amico-accessories.com or 1-877-264-2697). A valid Return Goods Authorization number must be obtained from Amico Accessories prior to commencement of any warranty claim.

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Please visit www.amico.com for more information on our product installation instructions.