

Despite amazing advances in medical instrumentation, the basic aneroid sphygmomanometer has remained virtually unchanged since its invention.

Until now.....

ADC®, a world leader in diagnostic products, has completely reinvented the aneroid to produce an instrument that combines precision crafted performance, rugged durability, and incredible ergonomics. The digital e-sphyg™.

Don't confuse the digital e-sphyg™ with the electronic home blood pressure monitors sold for over 2 decades.

The Digital Aneroid is completely new.

We've taken the basic professional aneroid - a mainstay of the healthcare profession - and simply gone digital.

We've replaced the diaphragm, gears, springs, and linkages - the very components that make an aneroid vulnerable to shock, vibration, over-inflation and wear - and replaced them with electronic pressure sensors, IC chips and a backlit extra large, easy to read, liquid crystal digital display.

The result?

- An instrument that is shock resistant to a whopping 60 inches.
- An instrument that is as easy to read in daylight as it is in a darkened room.
- An instrument that displays deflation rate to promote more accurate measurements.
- An instrument that is so efficient it gets up to 1500 cycles on two "AAA" batteries.
- An instrument that provides two battery strength warnings - advance and urgent to ensure you never lose power at an inopportune time.
- An instrument that doesn't require special cuffs. In fact, it will work with virtually every major brand of blood pressure cuff on the market (though we don't know why you wouldn't use the ADCUFF™).
- An instrument with a "systolic assist"™ that will alert you about 20mmHg before the onset of Korotkoff sounds.
- A pulse monitor that will display pulse rate once measurement is complete.
- An instrument that will remind you to check calibration once per year or every 10,000 cycles, whichever comes first.
- An instrument that will turn itself off to conserve battery strength



The Multifunction Display

The 1.5" square LCD contains 5 distinct segments.

- At the top, and the largest, is the cuff pressure indicator. The digits are a whopping 7/8" tall. Compare that to the 1/16" graduation marks you're forced to read on traditional aneroids.
- Beneath that, and to the right, deflation rate is displayed to promote correct measurement
- A battery power warning symbol
- A check calibration symbol completes the display.
- A flashing heart symbol begins "beating" approximately 20mmHg before the onset of Korotkoff sounds.



Automatic Backlight

Instead of forcing you to fumble for a backlight switch, the Digital Aneroid has an automatic backlight. You'll be able to read the display in daylight or a darkened room.



Works with all cuffs

The rear cuff clip allows mounting to virtually every major cuff on the market today. A locking connector permits rapid, yet secure connection. At just 3.14 ounces it won't weigh down even the smallest infant cuffs.

It's the Last Manometer you will ever need.....

While most electronic instruments are warranted for no more than a year, our digital aneroid is warranted to remain accurate for LIFE. Combined with our 3 year ADCUFF™ Inflation system warranty, we provide total protection for your instrument.



THE ANEROID GOES DIGITAL



e-sphyg™
Digital Aneroid



American Diagnostic Corporation



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American Diagnostic Corporation

THE ANEROID MANOMETER EVOLVES

...INTO A VIRTUALLY PERFECT SPHYGMOMANOMETER

Low Battery Warning

Systolic Display

Diastolic Display

Adflow™ filter screen end valve with stainless steel ball bearing provides durability and dust-free performance

Cuff features a gauge tab allowing convenient use with pocket sphygs

Cuff's hook and loop adhesive rated to a minimum of 30,000 open/close cycles and has been repeatedly tested to 50,000 cycles

210 Denier nylon with nylon thread sewn with 11 threads/inch is durable, comfortable, and easy to clean

ADCUFF

INDEX LINE

ARTERY

ADULT SIZE

Cuff Clip

Power Switch

Systolic Marking Button

Adflow™ air valve provides a solid feel for ultimate deflation control. Filter screen protection provides a second dust barrier. Held to leakage standards that are more stringent than ANSI standards.

Latex-free PVC bladder and bulb with seamless construction. 6 clinical sizes. Two tube design. Bladders marked with size for easy identification.

Properly positioned artery mark (you'd be surprised how many aren't) printed on both inside and outside cuff surfaces

Index and range markings - part of the Adcuff's™ proprietary Size Guide™ marking system facilitate selection of the appropriate cuff size and prevent miscuffing



Specifications

Dimensions	3"(L) x 2.88"(W) x 1.18"(H)
Weight	3.14 oz. (w/o Batteries)
Power	(2) 3V DC LR03 (AAA)
LCD Dimensions	1.14" x 1.14"
LCD Segment	00000
Sphyg Weight	1 lbs

AdCuff Sizing

Cuff	Size	Limb Range
Infant	7	9.0cm to 14.0cm
Child	9	13.0cm to 19.5cm
Sm. Adult	10	19.0cm to 27.0cm
Adult	11	23.0cm to 40.0cm
Lg. Adult	12	34.0cm to 50.0cm
Thigh	13	40.0cm to 66.0cm

Child	Sm. Adult	Adult	Lg. Adult	Thigh
7002-9CBK	7002-10SABK	7002-11ABK	7002-12XBK	7002-13TBK
7002-9CGR	7002-10SARB	7002-11AN	7002-12XBD	7002-13TBR

Additional Adult Cuff Color Options

