

America's Best Selling Aneroids... *Just Got Better.*



American Diagnostic Corporation

The new ADC® aneroid...

We spent the better part of the past 2 years reinventing our industry leading line of manual BP instruments from the bottom up. Some components were merely refined, others completely redesigned. The end result is a best-in-class line of manual sphygmomanometers in over 300 model options. Truly a sphyg for every need and budget.

Improved Manometers in EVERY Style Imaginable

We offer the most comprehensive line of manometers on the market including our revolutionary, award winning and virtually indestructible e-sphyg electronic aneroid; third generation palm aneroid ideally suited for multicuff solutions; traditional pocket aneroids in 4 models; and a clock aneroid in two platforms. Each of the mechanical aneroids share the same precision crafted, Japanese engineered movement optimized for each model to ensure day-in, day-out dependability. Each movement is heat treated and pre-aged to eliminate hysteresis - the stretching that often plagues lesser instruments, knocking them out of calibration early in their life. Calibration



is checked repeatedly, both at the factory and in our own facility. All ADC® aneroids meet or exceed ANSI SP10 and EN 1060 standards.



Valves

ADC® deflation and check valves are machined to our specifications from solid brass, then beautifully chrome-plated (many manufacturer's valves are die cast from zinc). Both **Adflow™** and standard valves use a needle/seat design for reliable deflation control. Our premium **Adflow™** end and air valves feature integrated filter screen protection. The ergonomically designed **Adflow™** valve now boasts a micro-thread thumb screw for the ultimate in deflation control. Deflation valves are leak tested at our facility to standards 33% greater than required under ANSI SP10.



Adcuff™

Used in virtually all of our **Prosphyg™** and **Diagnostix™** brand instruments, the newly redesigned **Adcuff™** is the most feature rich bladdered cuff on the market. Period.

Manufactured to our exacting specifications, we start with the finest 210

denier nylon. We sew with only nylon thread to resist puckering during laundering. Our custom manufactured hook and loop adhesive is specially matched to provide a minimum of 30,000 open and close cycles. Many lesser cuffs won't even make it to the industry mandated 10,000. We randomly test our **Adcuffs™** on specialized test equipment in our facility to ensure long wear.



The **Adcuffs™** feature our improved Size Guide Marking System™ to reduce the risk of miscuffing. Our new size icon system simplifies cuff selection. And while we still make the **Adcuffs** in black, navy, and orange (and 9 other colors in adult size), we've added industry standard colors to further enhance visual I.D. of the correct cuff. All ADC® cuffs now feature our bladder flap that secures the bladder and prevents "bulging".

Latex-Free. ALL the time.

All ADC® sphygs are now **completely latex free. ALWAYS.** Unlike some manufacturers that offer a confusing array of latex and latex free products, and others that offer one piece welded cuffs that can feel very stiff and often uncomfortable, ADC® still uses a traditional bladder. We spent two years testing and evaluating materials ultimately selecting a specially formulated PVC that has tensile properties similar to latex with superior environmental stability. We performed accelerated aging tests that simulate years of use, in both hot and cold environments. We tested these bladders successfully to a minimum of 50,000 cycles - 5 x more than required under the ANSI SP10 standard and 60% more than our previous latex and neoprene bladders. Each and EVERY bladder is leak tested at the factory and we random leak test bladders a second time in our facility.



Tested and Assembled in the U.S.A.

Every **Diagnostix™** and **Prosphyg™** brand sphygmomanometer is inspected, assembled, and packaged in our NY facility, just like we've been doing for nearly 3 decades. While many things have changed over the past quarter century, that's one thing we're proud to say hasn't!





“Always Latex-Free”



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



End valves with long lasting stainless steel ball bearings won't wear out. Adflow™ models are filter screen protected.

Latex Free Inflation Bulbs in either Neoprene (Diagnostix™ Models) or PVC (Prosphyg™ Models)



Choice of standard or premium Adflow™ filter screen protected valves with proprietary micro-threading for precise deflation control. All valves are held to leakage standards that are 33% more stringent as ANSI requires.

Size Icons. Part of the Adcuff's™ new and improved Size Guide Marking System™ - allows for rapid size identification

Proprietary Convertible Bladder design allow us to reduce the number of components by nearly 60% ensuring virtually 100% fill rates no matter how big the demand.

Each bladder is specially formulated RF welded and tested to 50,000 cycles. 100% individually leak tested at the factory to ensure day-in, and day-out dependability.



Gauge Hang Tab (hidden from view) allowing convenient use with any type of manual sphygmomanometer

Adult Cuff Color Options					
BK	BD	DG	G	GR	M
N	OR	R	RB	TL	V

Every size is available in Black and Industry Standard Colors
Adult size is available in over 10 colors.

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



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

Bladder flap secures bladder, prevents bulging.

Index and Range Markings, part of the Adcuff's™ Proprietary Size Guide Marking System™ facilitates selection of the appropriate cuff size and prevents miscuffing.

Size Chart

Cuff	Size	Limb Range		Standard Colors	Optional Colors
		Inches	Centimeters		
Infant	7	3.5 to 5.5	9 to 14	Orange	Black
Child	9	5.1 to 7.6	13 to 19.5	Green	Black, Navy, Orange
Small Adult	10	7.4 to 10.6	19 to 27	Royal Blue	Black, Navy, Orange
Adult	11	9 to 15.7	23 to 40	Navy	All
Large Adult	12	13.3 to 19.6	34 to 50	Burgundy	Black, Navy, Orange
Thigh	13	15.7 to 25.9	40 to 66	Brown	Black, Navy, Orange

Distributor



55 Commerce Drive
Hauppauge, New York 11788
1-800-ADC-2670
Fax 631-273-9659
www.adctoday.com
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